

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123494.D
 Acq On : 26 Mar 2021 19:29
 Operator : JU/CG
 Sample : M1777-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 245

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123494.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.240	18	26	32	rVB	3801289	5148449	29.56%	1.814%
2	3.387	211	221	230	rBV	474582	849288	4.88%	0.299%
3	5.522	574	584	590	rBV2	2884355	3974141	22.82%	1.401%
4	5.863	637	642	645	rBV	3382021	3694237	21.21%	1.302%
5	6.234	697	705	708	rBV	10082030	17418981	100.00%	6.139%
6	6.351	720	725	732	rVB2	1589500	2496212	14.33%	0.880%
7	6.522	746	754	759	rVV2	2204457	2540441	14.58%	0.895%
8	6.728	780	789	794	rBV2	2617548	2739668	15.73%	0.966%
9	6.898	814	818	821	rBV	1687354	1652295	9.49%	0.582%
10	6.963	825	829	837	rBV2	1662005	2340130	13.43%	0.825%
11	7.222	868	873	875	rBV2	1232946	1162557	6.67%	0.410%
12	7.298	881	886	890	rBV2	1053221	1362237	7.82%	0.480%
13	7.369	894	898	900	rBV	766970	804315	4.62%	0.283%
14	7.439	905	910	912	rBV	2043313	2482185	14.25%	0.875%
15	7.463	912	914	918	rVB2	3651300	3578213	20.54%	1.261%
16	7.498	918	920	924	rVB	2615901	2390324	13.72%	0.842%
17	7.557	924	930	932	rBV4	674913	1088635	6.25%	0.384%
18	7.586	932	935	937	rBV	968086	1030584	5.92%	0.363%
19	7.675	942	950	952	rVV2	1888011	4010020	23.02%	1.413%
20	7.698	952	954	958	rVB2	3206171	4508892	25.88%	1.589%
21	7.857	979	981	986	rVB3	1701763	2200170	12.63%	0.775%
22	7.904	986	989	990	rBV	1126974	996155	5.72%	0.351%
23	7.928	990	993	996	rVV3	2521079	2582368	14.83%	0.910%
24	8.028	1008	1010	1012	rVV	2098670	1578698	9.06%	0.556%
25	8.104	1018	1023	1028	rBV	3467784	4346737	24.95%	1.532%
26	8.175	1028	1035	1039	rVV3	6510900	8315655	47.74%	2.931%
27	8.210	1039	1041	1044	rVV2	1706924	1801651	10.34%	0.635%
28	8.251	1044	1048	1050	rVB2	2011740	2214962	12.72%	0.781%
29	8.386	1068	1071	1073	rVV	1147059	968742	5.56%	0.341%
30	8.416	1073	1076	1078	rVV	3890078	3987128	22.89%	1.405%
31	8.445	1078	1081	1083	rVV	3956363	4152647	23.84%	1.463%
32	8.469	1083	1085	1086	rVV	1065582	1030856	5.92%	0.363%
33	8.486	1086	1088	1092	rVV3	1510486	1935039	11.11%	0.682%
34	8.539	1094	1097	1099	rVV2	1430296	1721734	9.88%	0.607%
35	8.569	1099	1102	1106	rVV4	2700858	4195160	24.08%	1.478%
36	8.610	1106	1109	1112	rVV	2566043	3024215	17.36%	1.066%

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37	8.657	1114	1117	1119	rVV2	1428500	1493492	8.57%	0.526%
38	8.698	1119	1124	1126	rVV3	3396555	4157885	23.87%	1.465%
39	8.757	1129	1134	1135	rVV3	888107	1236514	7.10%	0.436%
40	8.786	1135	1139	1142	rVV	7387351	7680153	44.09%	2.707%
41	8.822	1143	1145	1147	rVV3	1146974	1314383	7.55%	0.463%
42	8.851	1147	1150	1152	rVV2	2406987	2397456	13.76%	0.845%
43	8.880	1152	1155	1157	rVV2	1252527	1472103	8.45%	0.519%
44	8.904	1157	1159	1162	rVB2	1851084	1458334	8.37%	0.514%
45	9.016	1173	1178	1180	rBV2	1689489	2059674	11.82%	0.726%
46	9.151	1196	1201	1205	rVV4	1905420	2940500	16.88%	1.036%
47	9.186	1205	1207	1209	rVV	1386803	1197583	6.88%	0.422%
48	9.216	1209	1212	1216	rVV2	2556270	2819726	16.19%	0.994%
49	9.269	1216	1221	1224	rVV	7070673	6282645	36.07%	2.214%
50	9.351	1230	1235	1239	rBV	7903223	8727937	50.11%	3.076%
51	9.392	1240	1242	1244	rVV3	797110	905059	5.20%	0.319%
52	9.422	1244	1247	1249	rVV	1761112	1982460	11.38%	0.699%
53	9.604	1272	1278	1280	rBV4	1904224	2732798	15.69%	0.963%
54	9.627	1280	1282	1285	rVV3	1933737	1735607	9.96%	0.612%
55	9.675	1285	1290	1291	rVV4	3143155	4294750	24.66%	1.514%
56	9.692	1291	1293	1296	rVV2	2146958	1993720	11.45%	0.703%
57	9.727	1296	1299	1302	rVB2	2031438	2034015	11.68%	0.717%
58	9.763	1302	1305	1310	rBV5	535403	867954	4.98%	0.306%
59	9.822	1310	1315	1318	rVB4	612716	995716	5.72%	0.351%
60	9.886	1322	1326	1329	rVV	8759550	7740509	44.44%	2.728%
61	9.922	1330	1332	1334	rBV2	1122289	1327003	7.62%	0.468%
62	9.945	1334	1336	1339	rVV2	2441227	2350191	13.49%	0.828%
63	10.110	1361	1364	1368	rBV2	1211470	2020576	11.60%	0.712%
64	10.145	1368	1370	1372	rVV2	1175117	1105746	6.35%	0.390%
65	10.204	1376	1380	1384	rBV3	2156933	2694902	15.47%	0.950%
66	10.239	1384	1386	1388	rVB	1179364	808992	4.64%	0.285%
67	10.269	1388	1391	1394	rBV3	702850	979285	5.62%	0.345%
68	10.322	1398	1400	1404	rVB3	689476	795866	4.57%	0.280%
69	10.386	1404	1411	1413	rBV	8485383	8761091	50.30%	3.088%
70	10.416	1413	1416	1418	rBV2	834757	910772	5.23%	0.321%
71	10.604	1443	1448	1451	rBV	3428891	4381941	25.16%	1.544%
72	10.657	1454	1457	1459	rVB	1077135	891387	5.12%	0.314%
73	10.686	1459	1462	1466	rBV2	1603732	1591831	9.14%	0.561%
74	10.722	1466	1468	1469	rBV	1680845	1253152	7.19%	0.442%
75	10.739	1469	1471	1474	rVB	3417412	3169862	18.20%	1.117%
76	10.821	1478	1485	1488	rVV	3191662	5415207	31.09%	1.908%

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77	10.863	1488	1492	1500	rVB	7583563	10348533	59.41%	3.647%
78	11.051	1521	1524	1526	rBV	904103	1004739	5.77%	0.354%
79	11.310	1564	1568	1570	rBV	7091288	5995497	34.42%	2.113%
80	11.339	1570	1573	1579	rVB	3446676	3553895	20.40%	1.252%
81	11.439	1587	1590	1593	rBV	1933023	1834321	10.53%	0.646%
82	11.480	1595	1597	1602	rVV	674896	1117712	6.42%	0.394%
83	11.616	1618	1620	1623	rBV	969064	853978	4.90%	0.301%
84	11.686	1630	1632	1636	rVB	1301923	1220487	7.01%	0.430%
85	11.739	1637	1641	1644	rVB	5838856	5189069	29.79%	1.829%
86	11.833	1654	1657	1660	rVB	927696	868313	4.98%	0.306%
87	11.898	1665	1668	1670	rBV	785569	771178	4.43%	0.272%
88	11.968	1677	1680	1682	rBV	1718811	1344183	7.72%	0.474%
89	12.145	1706	1710	1713	rVB	5176437	4442402	25.50%	1.566%
90	12.421	1753	1757	1760	rVB2	1569216	1889097	10.85%	0.666%
91	12.533	1771	1776	1780	rBV3	5001679	7901804	45.36%	2.785%
92	12.904	1836	1839	1842	rVB	3016221	2419887	13.89%	0.853%
93	13.027	1856	1860	1863	rBV	5219430	5291662	30.38%	1.865%
94	13.257	1896	1899	1908	rBV	1678693	1664622	9.56%	0.587%
95	13.604	1955	1958	1961	rBV	1046870	1023292	5.87%	0.361%
96	13.933	2011	2014	2023	rVB2	990202	1384914	7.95%	0.488%
97	14.062	2033	2036	2038	rBV	1109436	1207101	6.93%	0.425%
98	14.080	2038	2039	2046	rVB	1485825	975195	5.60%	0.344%
99	14.509	2103	2112	2113	rBV	326599	769835	4.42%	0.271%
100	15.580	2289	2294	2298	rBV	1049966	1381541	7.93%	0.487%

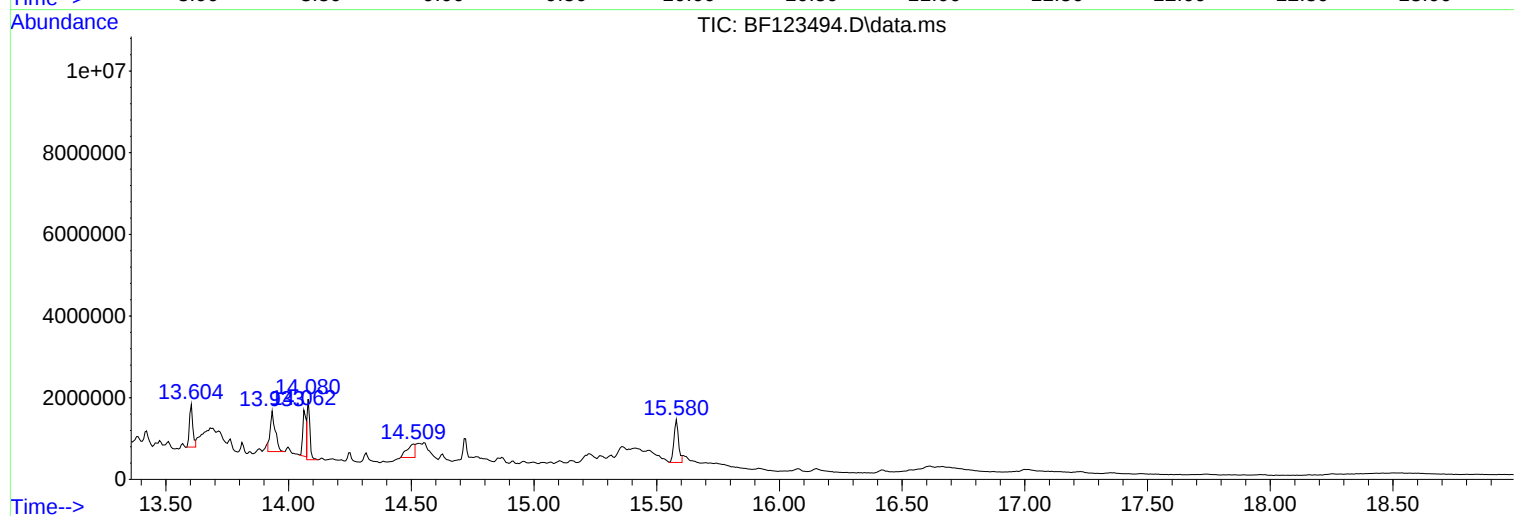
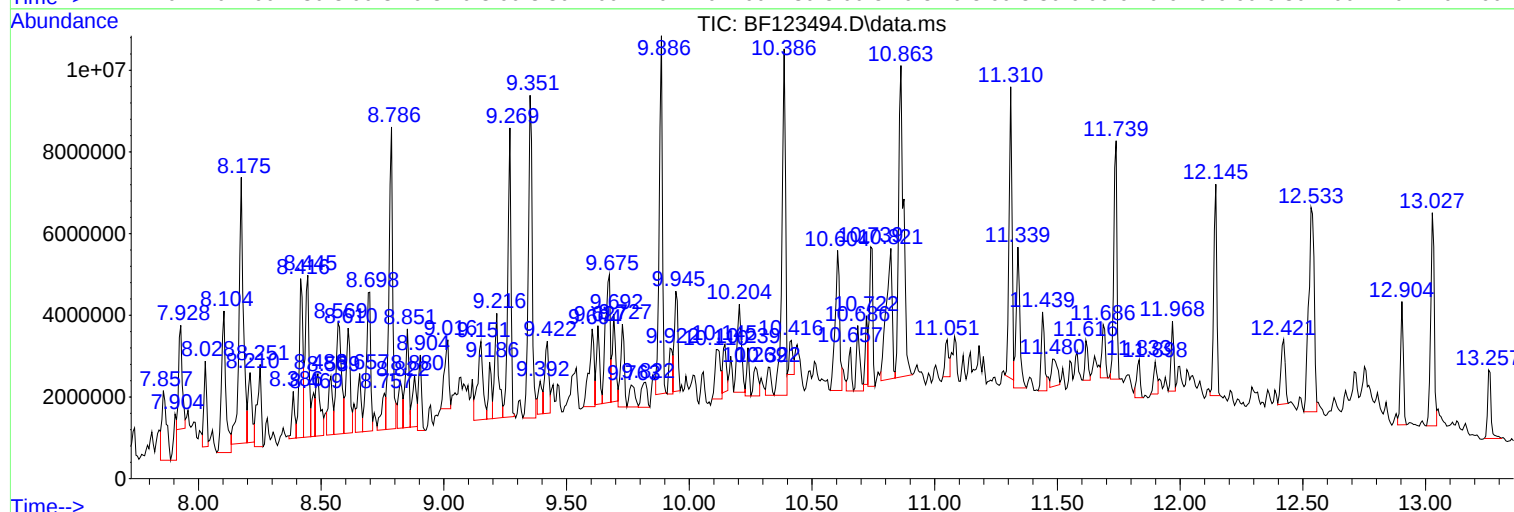
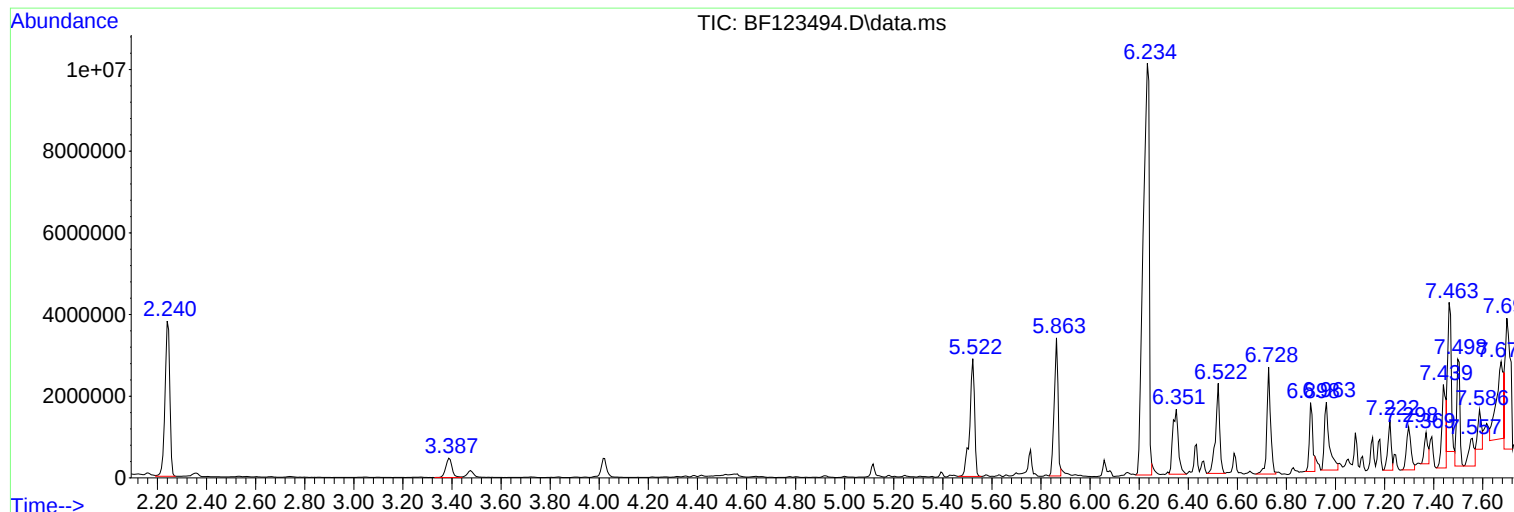
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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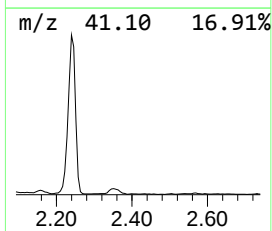
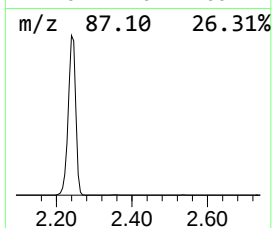
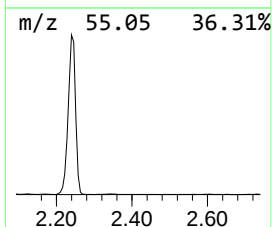
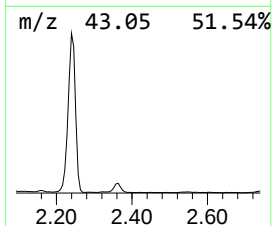
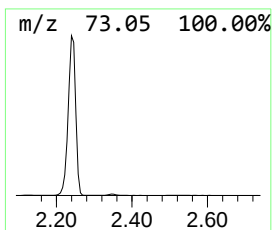
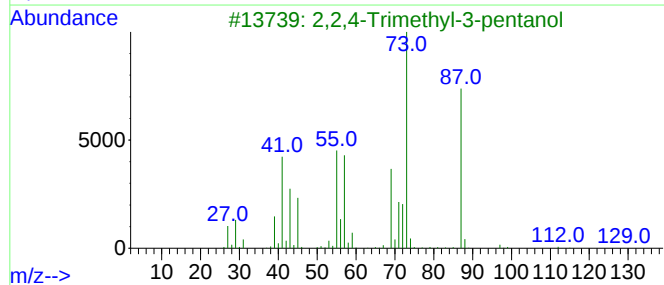
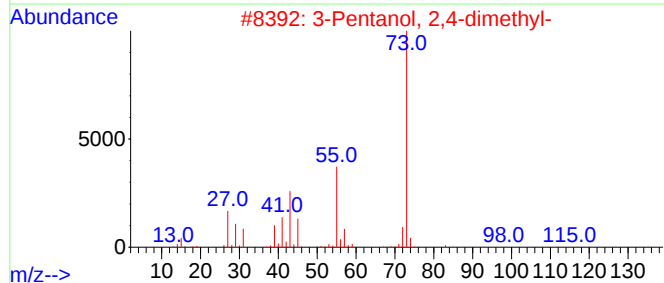
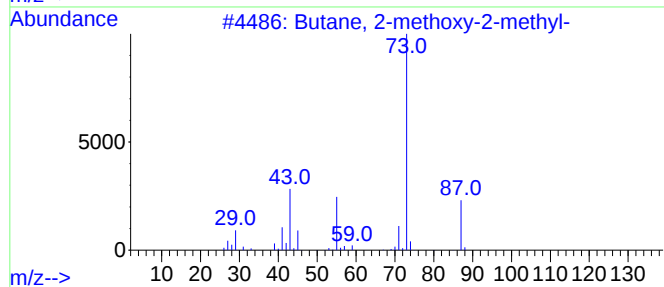
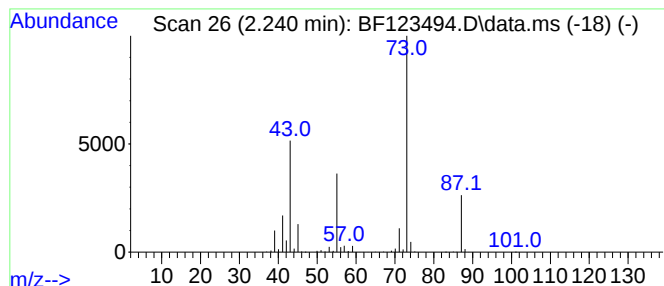
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.240	62.32 ng	5148450	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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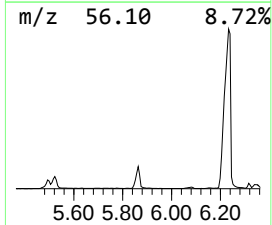
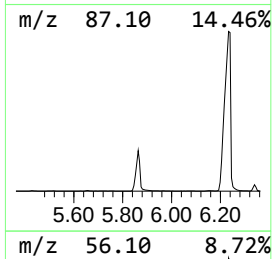
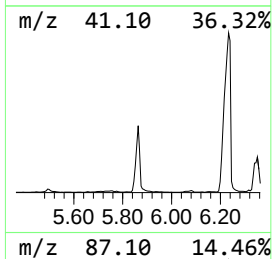
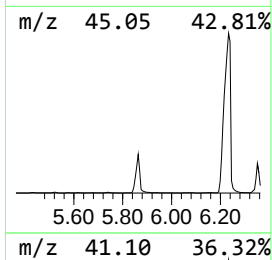
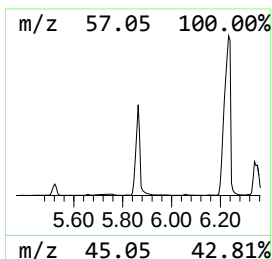
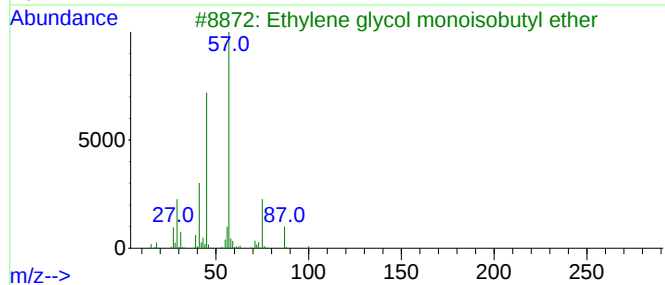
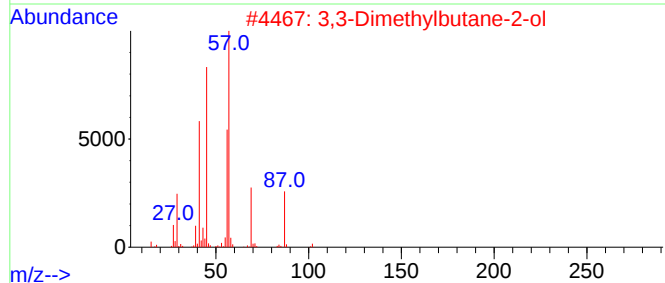
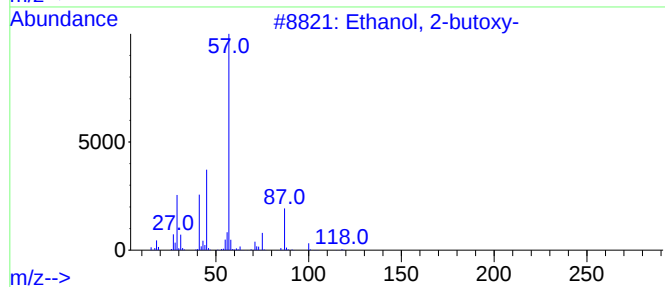
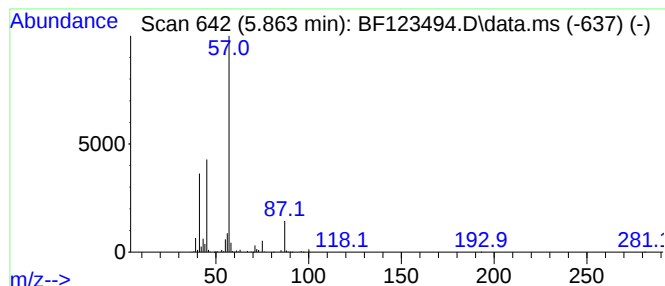
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.863	44.72 ng	3694240	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	56
2			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
4			2-Butanone, 3,3-dimethyl-	100	C6H12O	000075-97-8	22
5			Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	17



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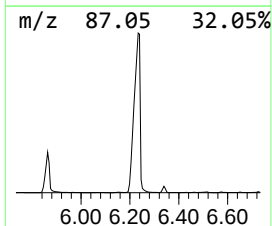
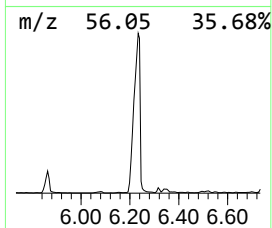
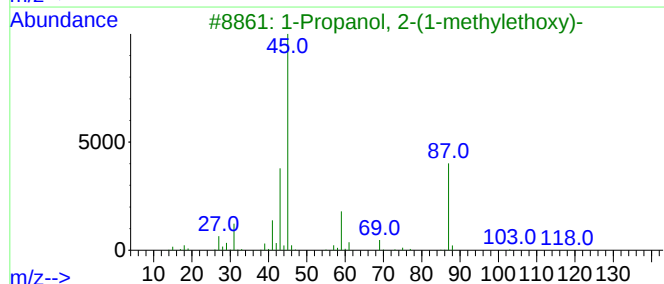
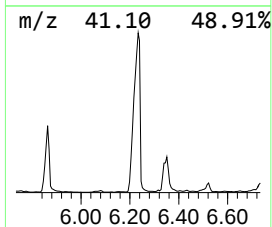
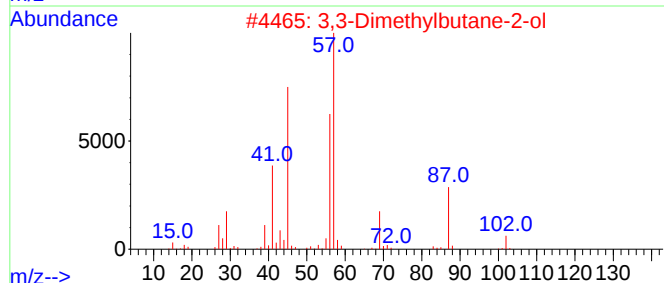
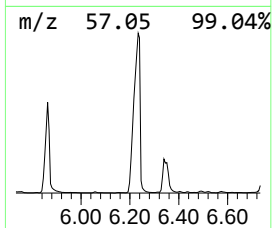
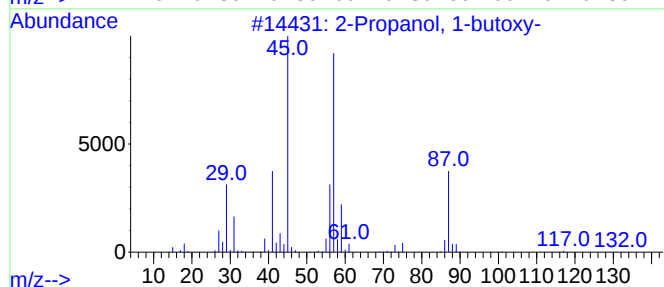
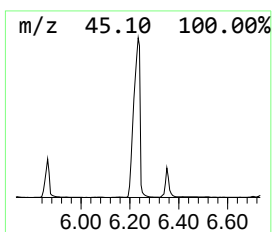
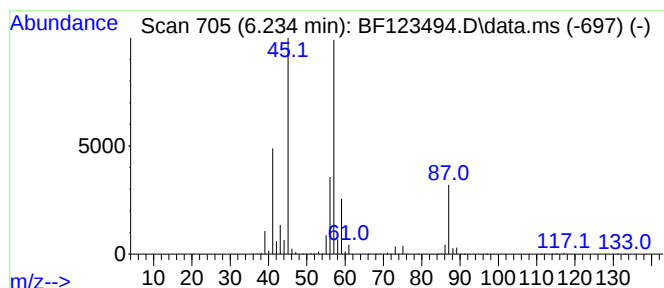
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Propanol, 1-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.234	210.85 ng	17419000	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-			132	C7H16O2	005131-66-8	83
2	3,3-Dimethylbutane-2-ol			102	C6H14O	000464-07-3	53
3	1-Propanol, 2-(1-methylethoxy)-			118	C6H14O2	003944-37-4	53
4	Formic acid, 1-methylpropyl ester			102	C5H10O2	000589-40-2	45
5	Butane, 1-(1-methylpropoxy)-			130	C8H18O	000999-65-5	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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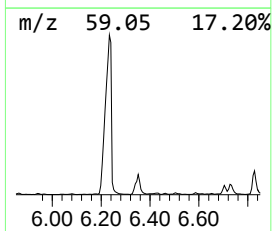
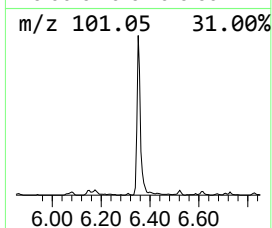
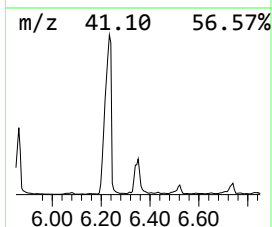
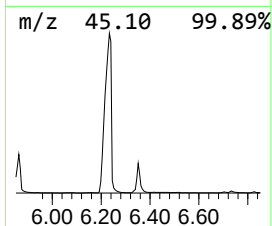
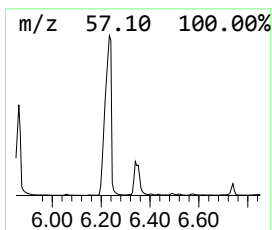
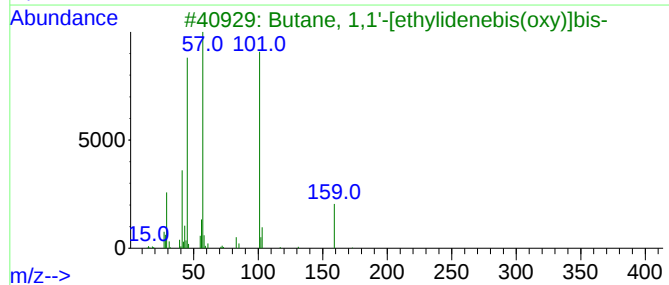
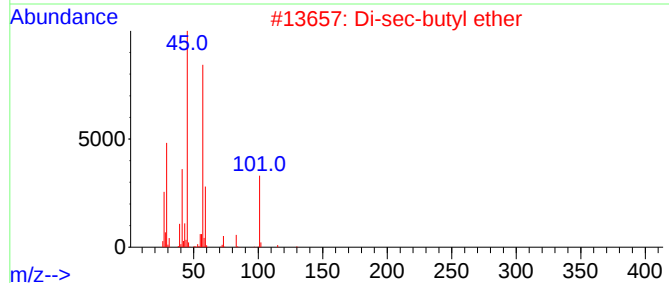
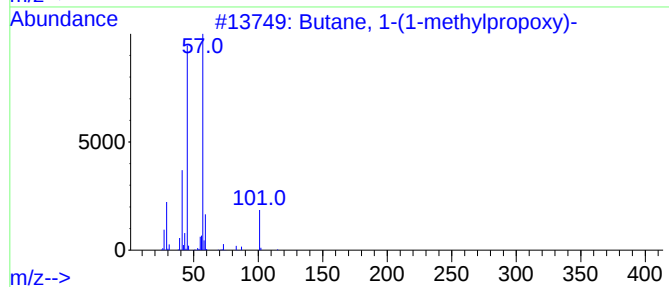
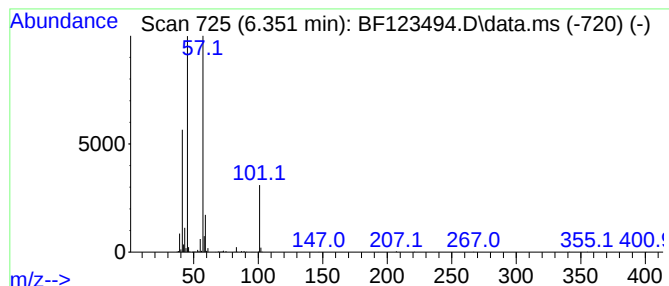
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 1-(1-methylpropoxy)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	30.22 ng	2496210	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	83
2			Di-sec-butyl ether	130	C8H18O	006863-58-7	78
3			Butane, 1,1'-[ethylidenebis(oxy)]bis-	174	C10H22O2	000871-22-7	64
4			Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	50
5			2-Butanol	74	C4H10O	000078-92-2	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
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ClientSampleId :
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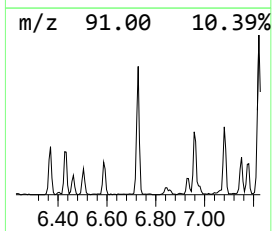
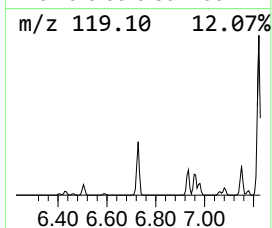
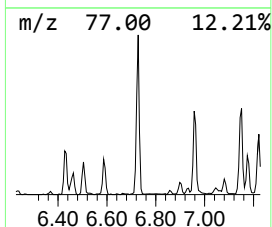
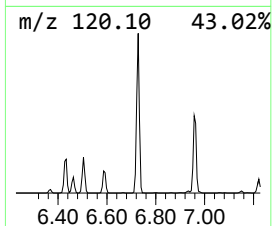
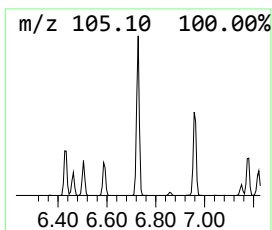
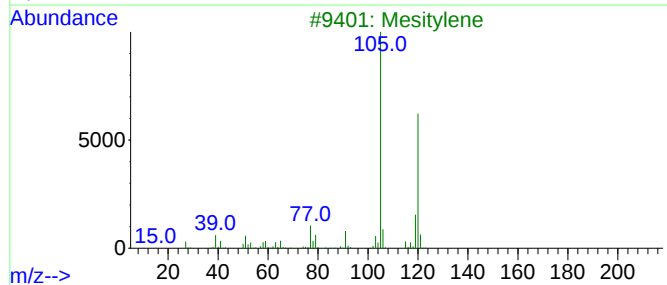
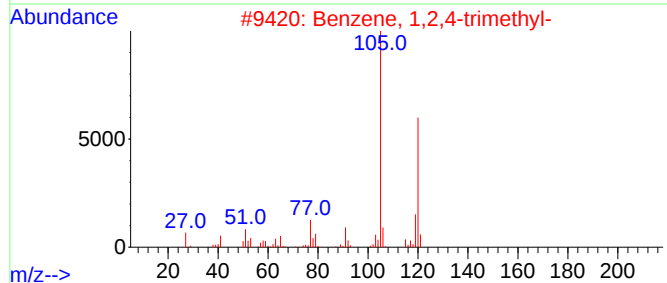
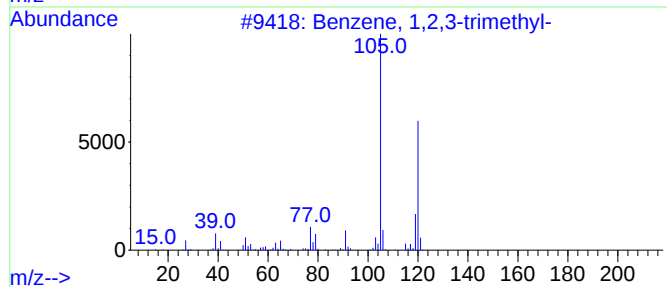
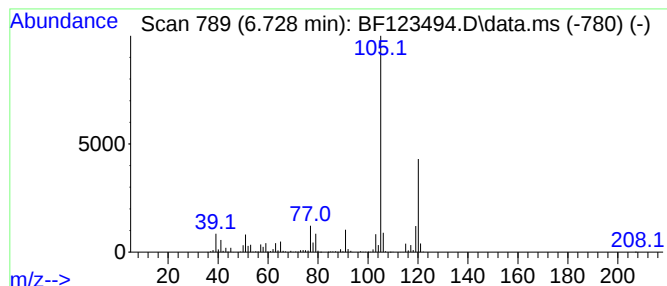
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.728	33.16 ng	2739670	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3			Mesitylene	120	C9H12	000108-67-8	94
4			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
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Instrument :
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ClientSampleId :
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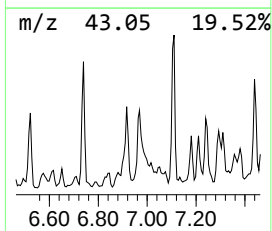
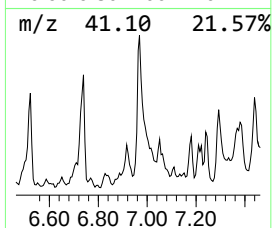
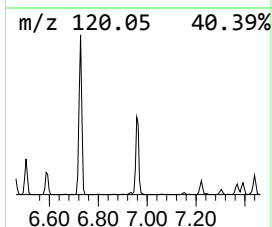
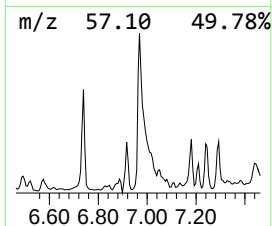
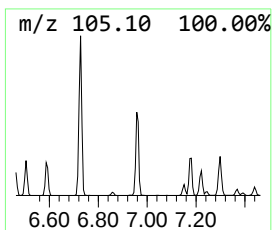
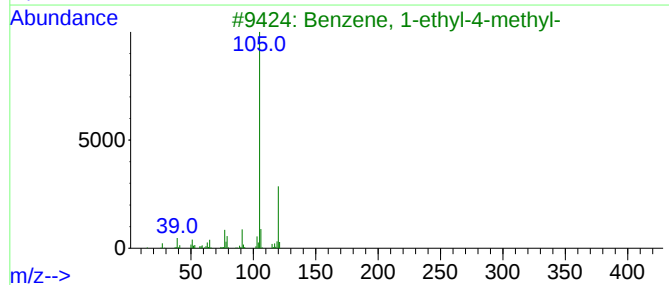
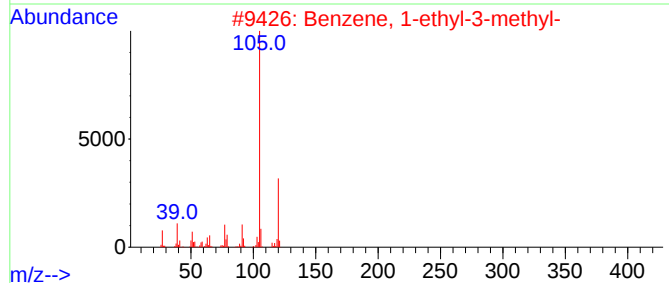
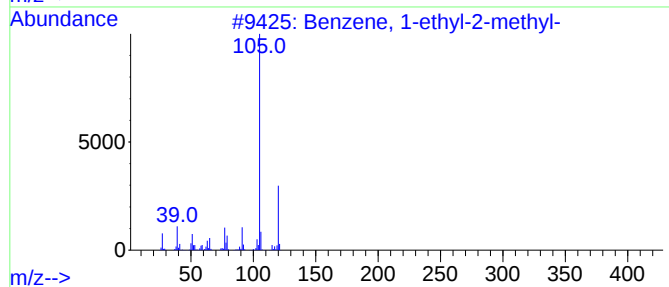
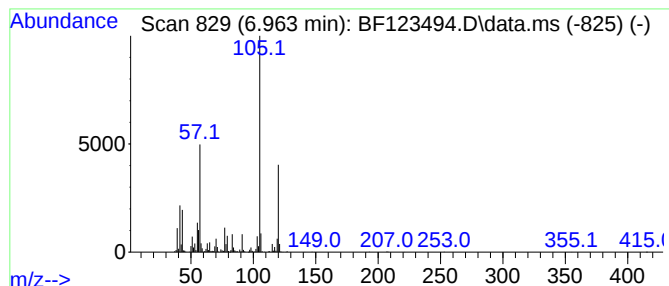
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.963	28.33 ng	2340130	1,4-Dichlorobenzene-d4	6.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
4			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
5			Mesitylene	120	C9H12	000108-67-8	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
Misc :
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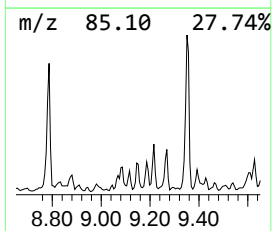
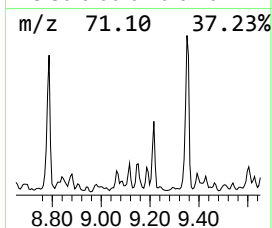
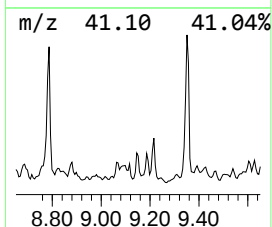
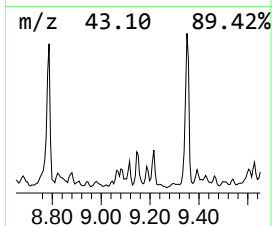
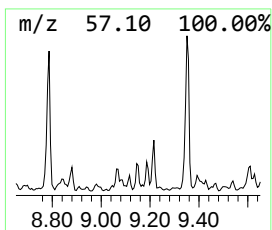
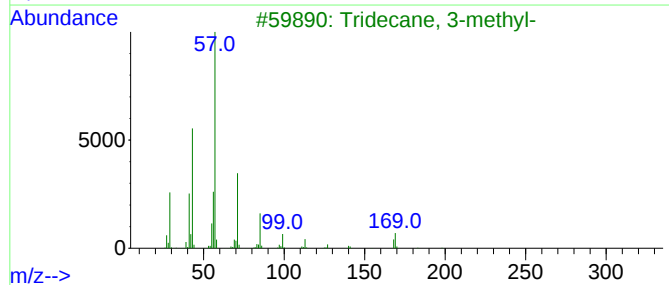
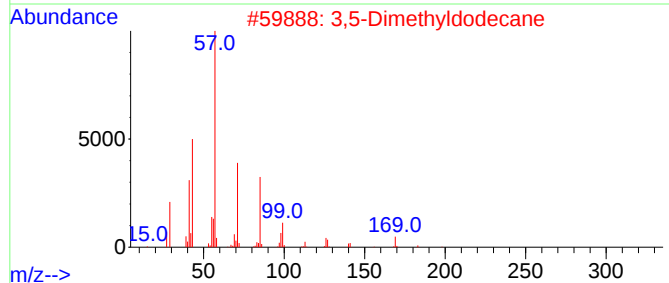
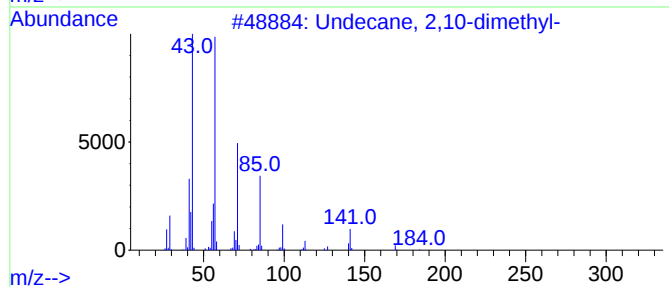
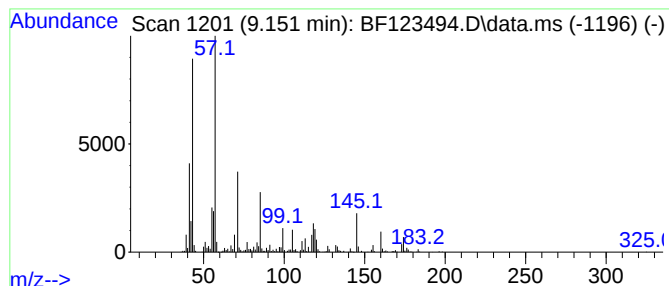
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Undecane, 2,10-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.151	25.02 ng	2940500	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	55
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	55
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4		1-Iodoundecane	282	C11H23I	004282-44-4	43
5		Hexadecane	226	C16H34	000544-76-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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ALS Vial : 19 Sample Multiplier: 1

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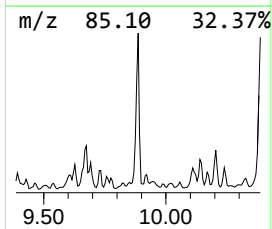
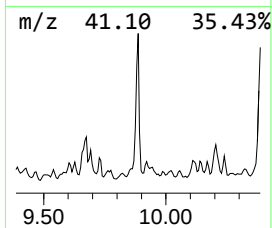
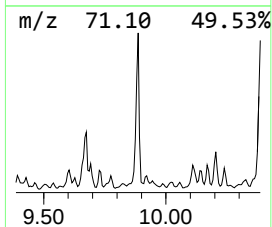
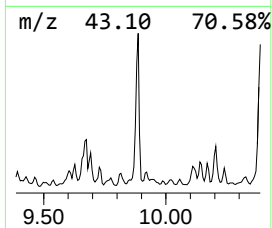
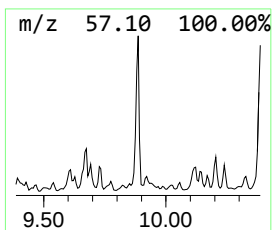
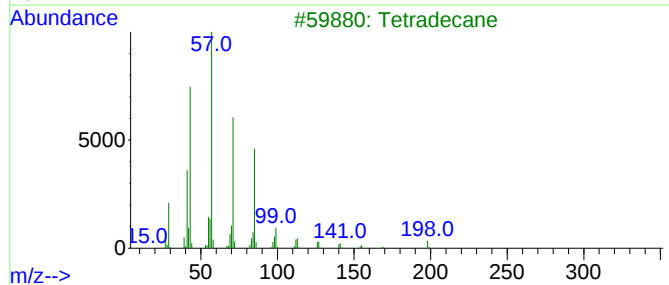
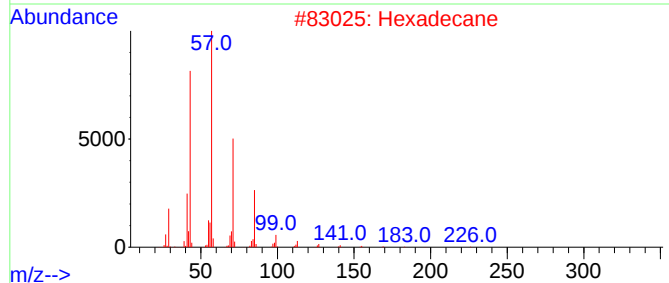
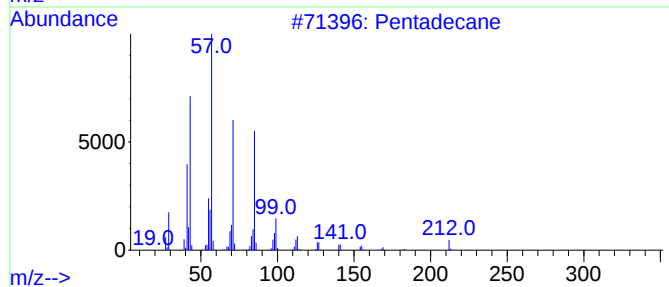
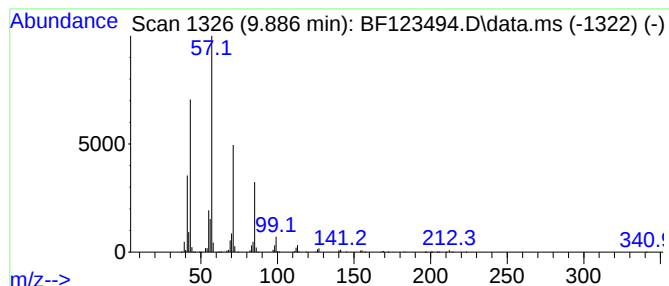
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.886	65.87 ng	7740510	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
5			Undecane	156	C11H24	001120-21-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
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Acq On : 26 Mar 2021 19:29
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ClientSampleId :
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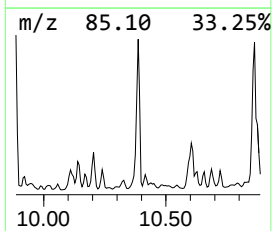
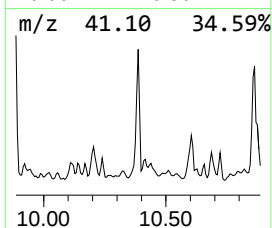
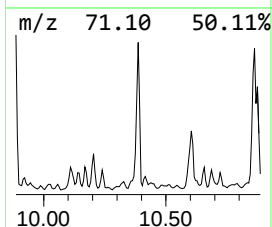
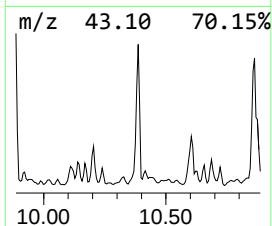
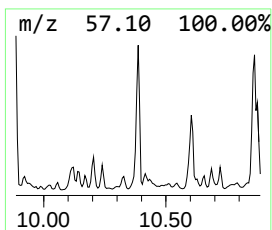
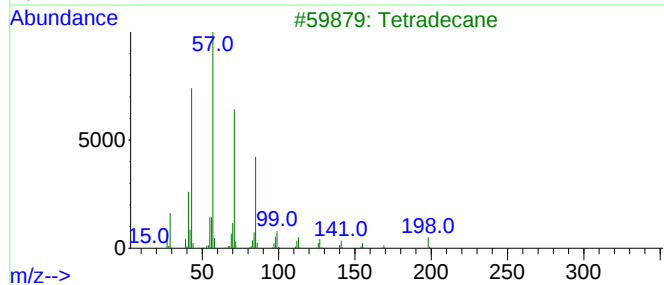
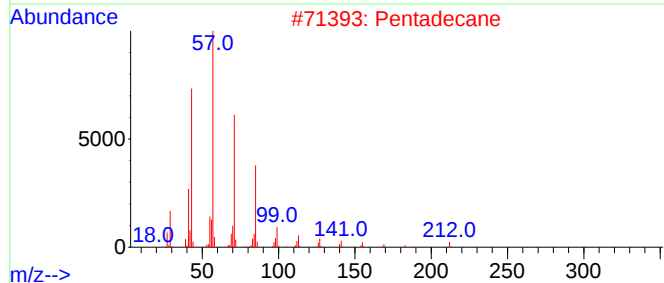
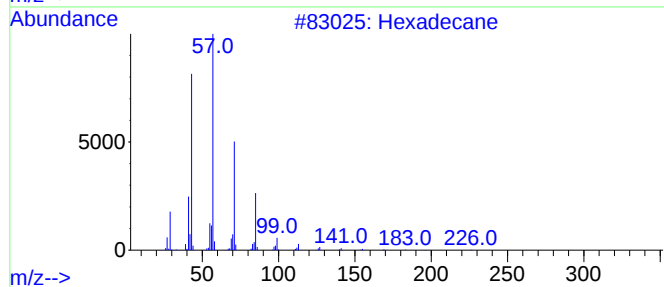
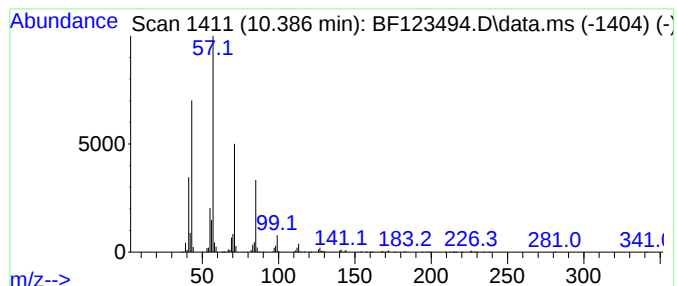
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	74.56 ng	8761090	Acenaphthene-d10	9.951

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetradecane	198	C14H30	000629-59-4	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
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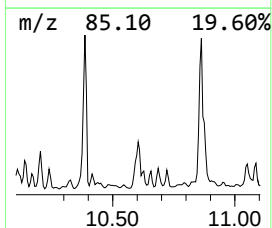
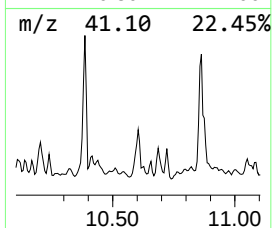
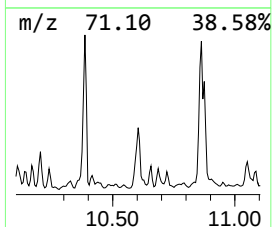
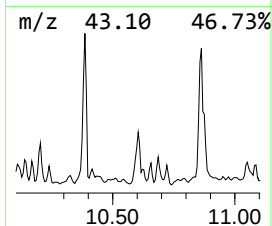
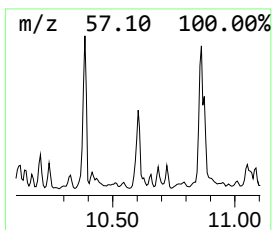
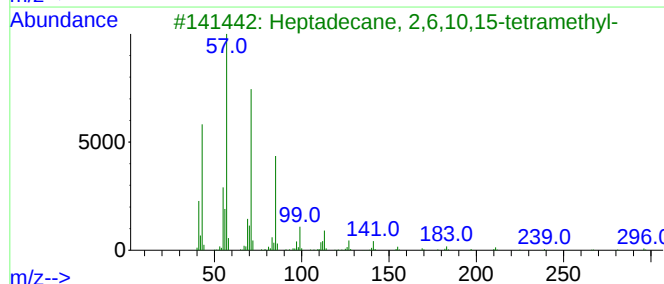
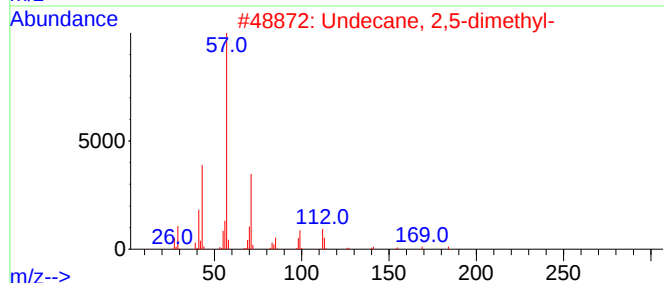
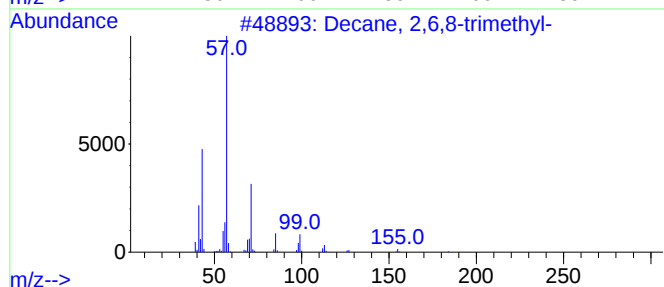
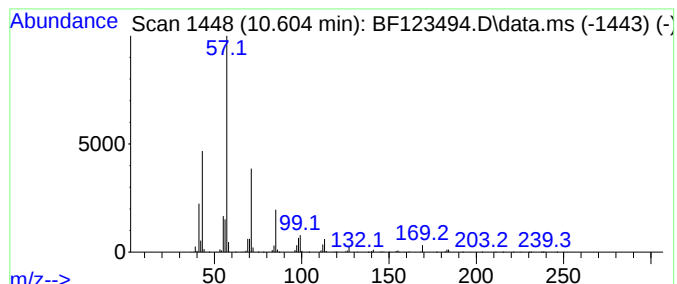
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 2,6,8-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	37.29 ng	4381940	Acenaphthene-d10	9.951

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	87
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	78
5		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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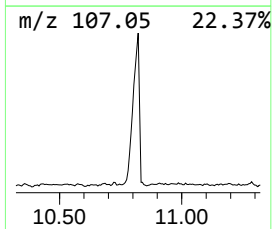
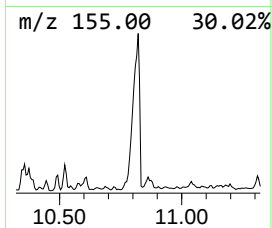
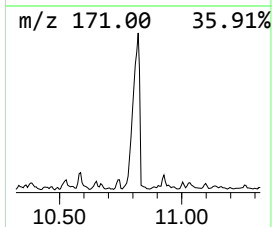
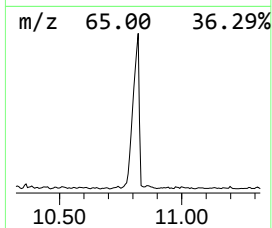
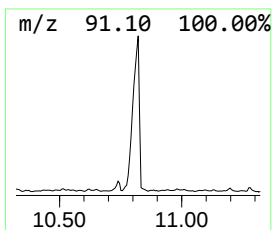
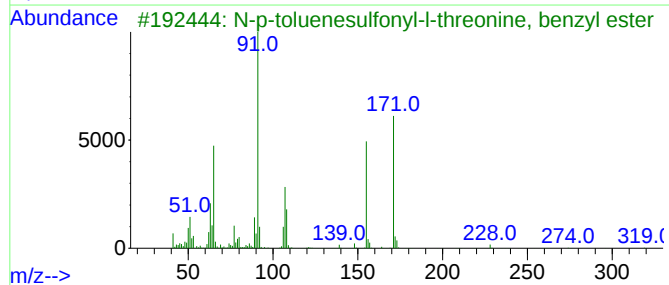
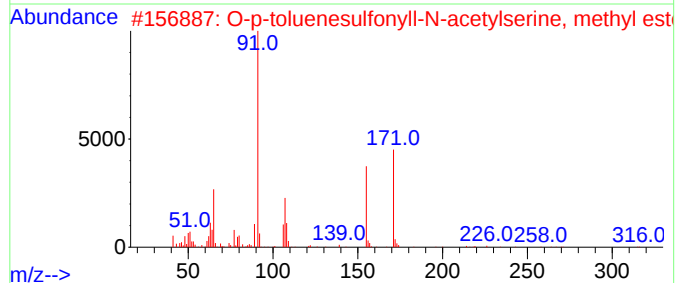
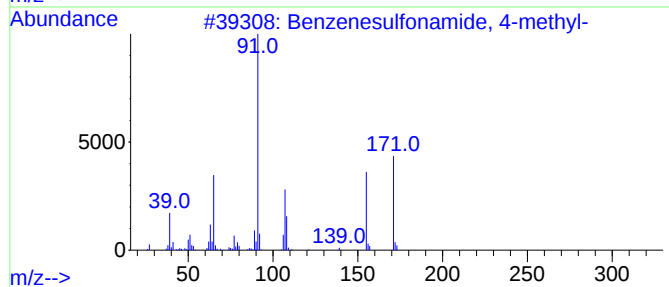
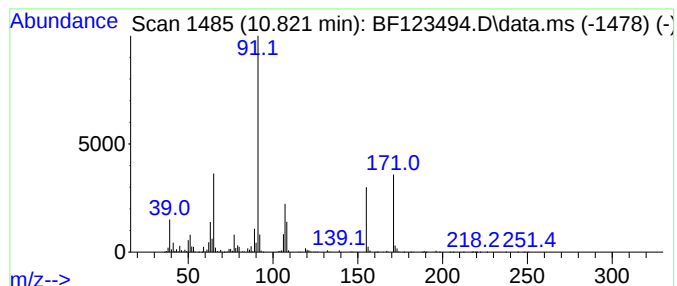
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Benzenesulfonamide, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.822	59.04 ng	5415210	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenesulfonamide, 4-methyl-	171	C7H9NO2S	000070-55-3	98
2			O-p-toluenesulfonyl-N-acetylser...	315	C13H17NO6S	1000126-44-8	90
3			N-p-toluenesulfonyl-L-threonine,...	363	C18H21NO5S	1000130-34-4	87
4			Tolbutamide	270	C12H18N2O3S	000064-77-7	72
5			2-(Toluene-4-sulfonyloxy)propion...	244	C10H12O5S	1000210-27-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

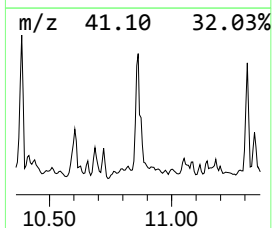
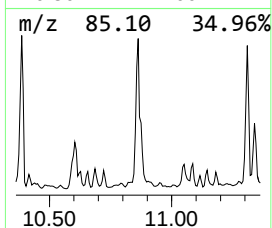
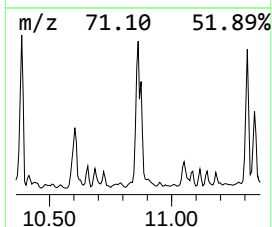
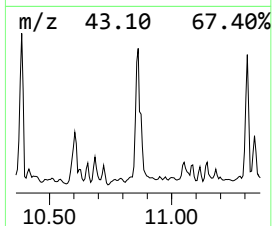
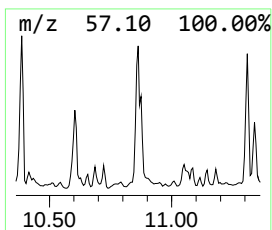
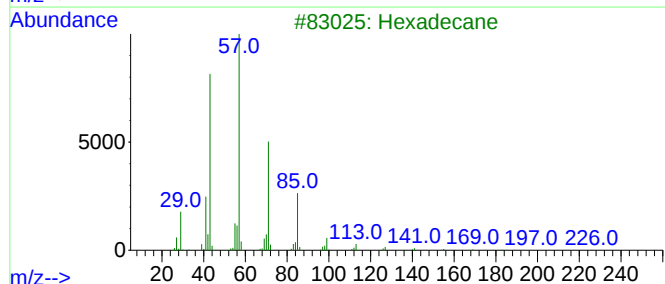
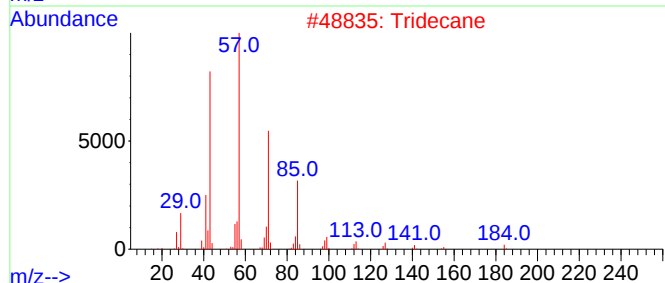
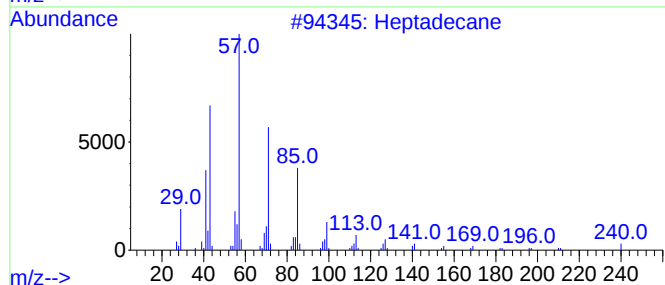
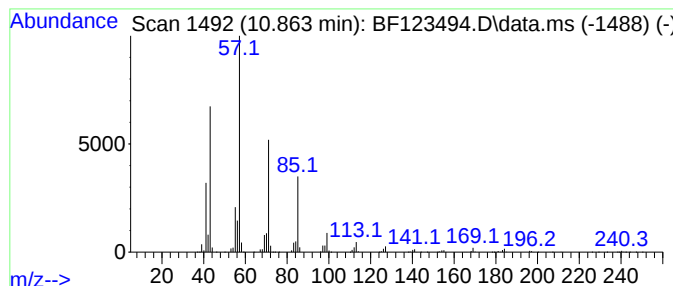
Instrument :
BNA_F
ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Heptadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.863	112.83 ng	10348500	Phenanthrene-d10		11.439	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	95
2	Tridecane		184	C13H28	000629-50-5	91
3	Hexadecane		226	C16H34	000544-76-3	87
4	Dodecane, 2-methyl-		184	C13H28	001560-97-0	87
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
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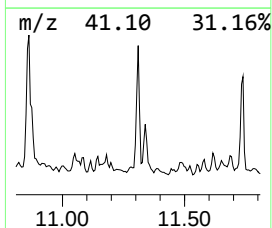
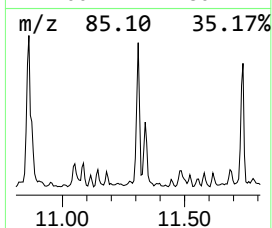
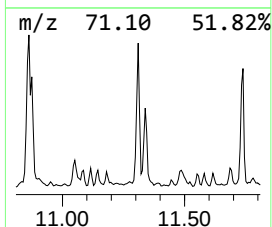
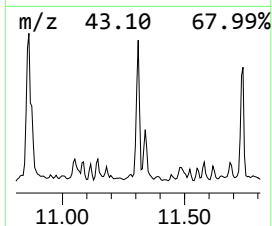
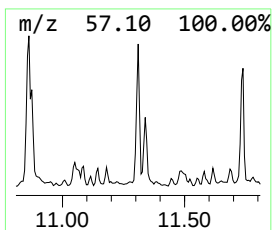
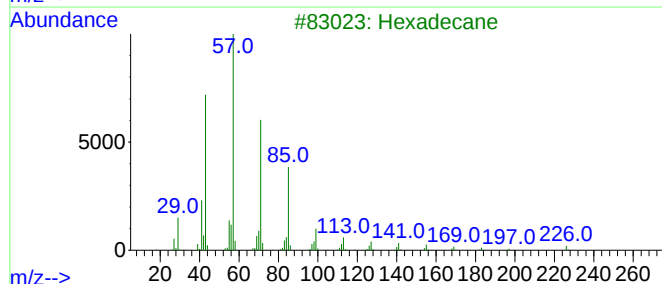
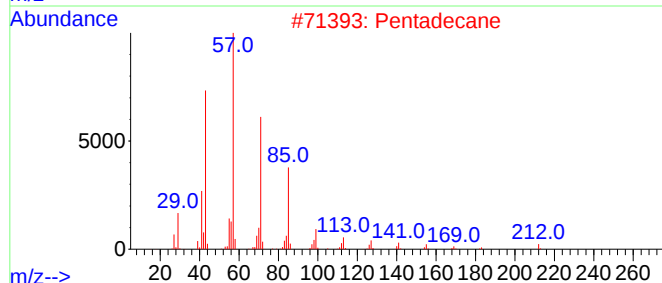
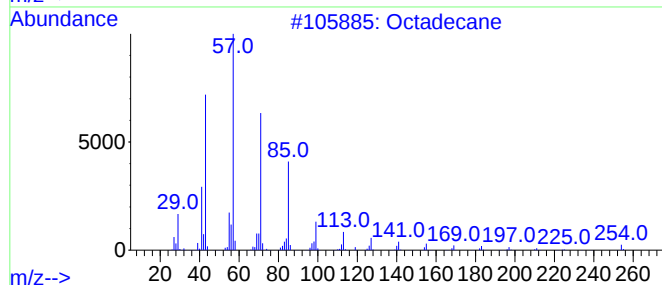
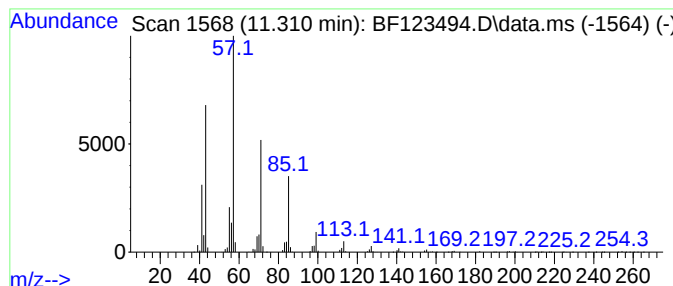
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.310	65.37 ng	5995500	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	90
4			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5			Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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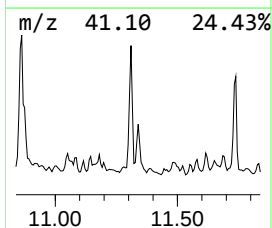
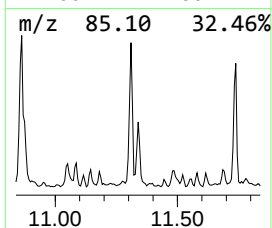
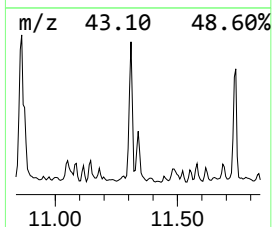
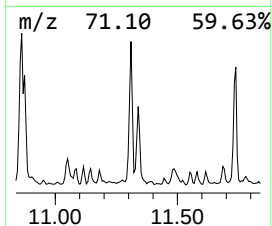
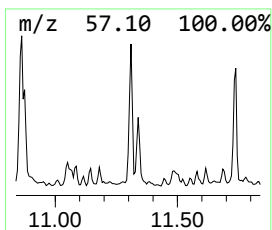
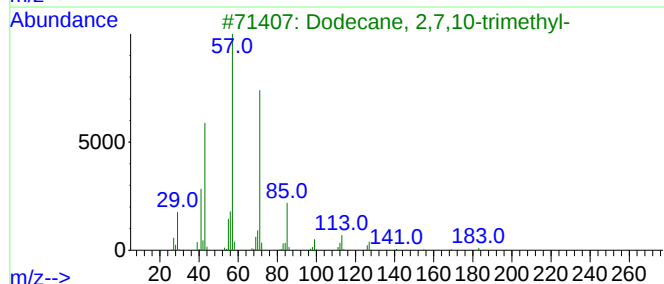
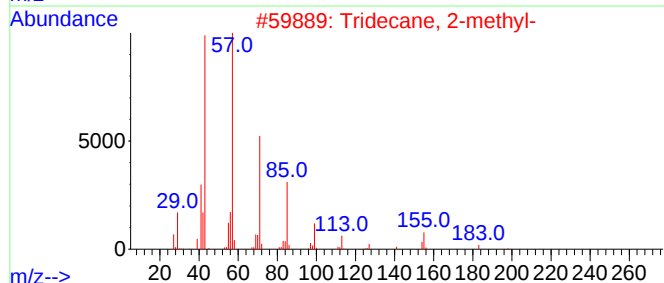
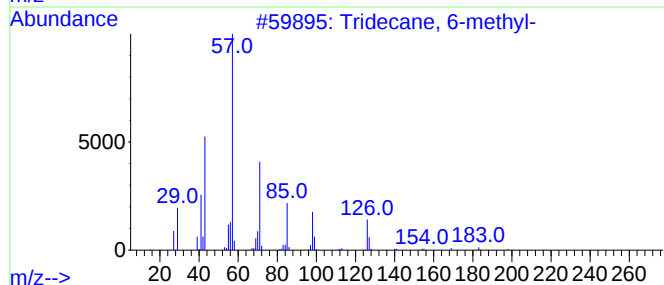
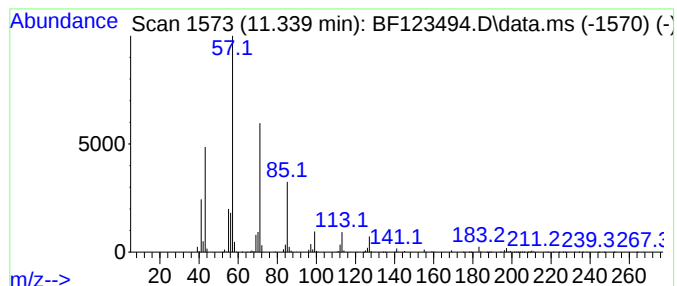
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Tridecane, 6-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.339	38.75 ng	3553900	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 6-methyl-	198	C14H30	013287-21-3	80
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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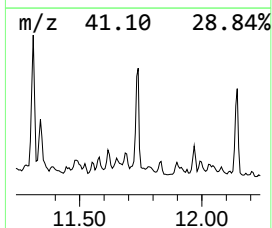
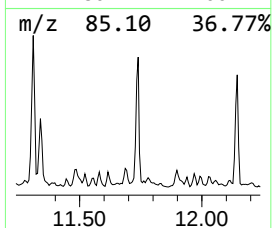
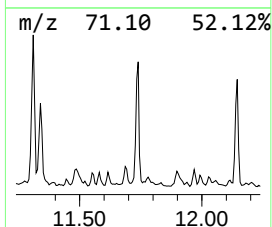
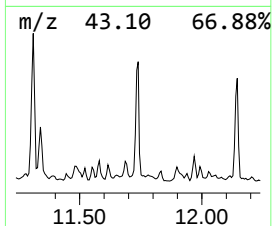
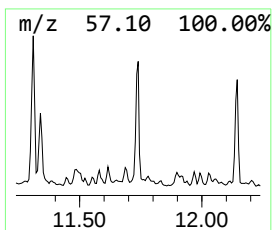
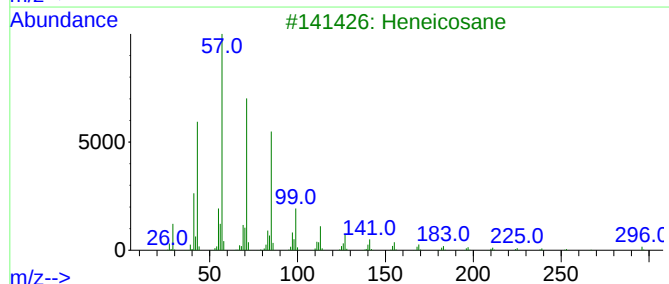
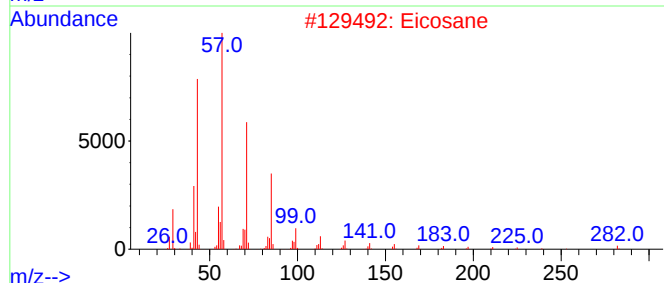
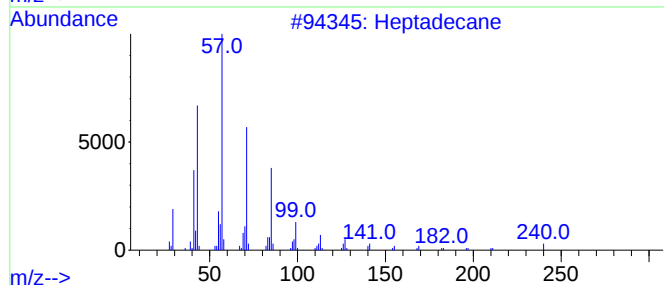
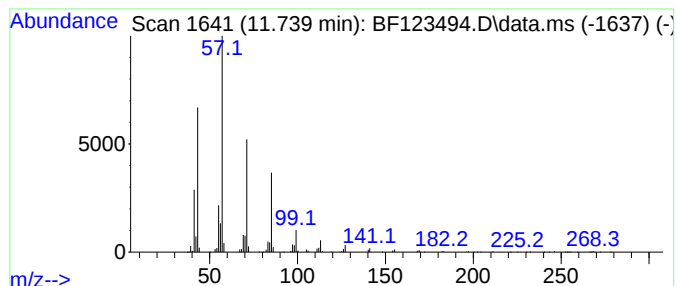
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	56.58 ng	5189070	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	96
2			Eicosane	282	C20H42	000112-95-8	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Pentadecane	212	C15H32	000629-62-9	86
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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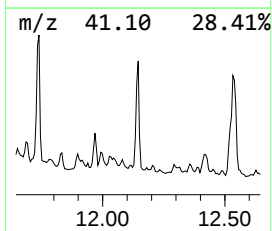
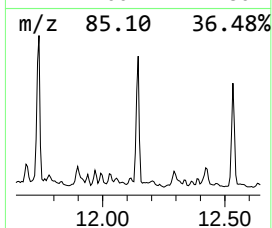
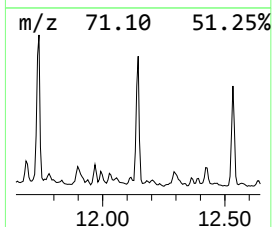
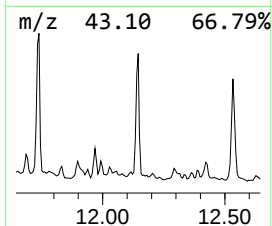
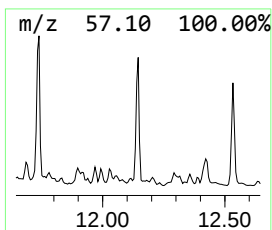
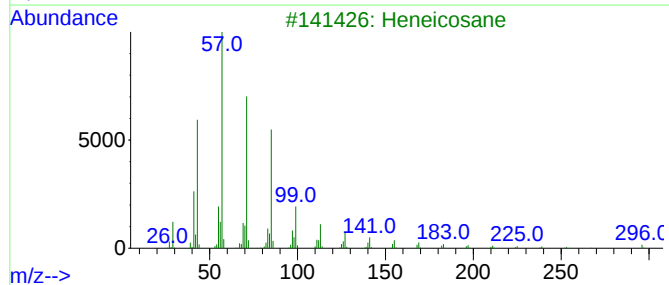
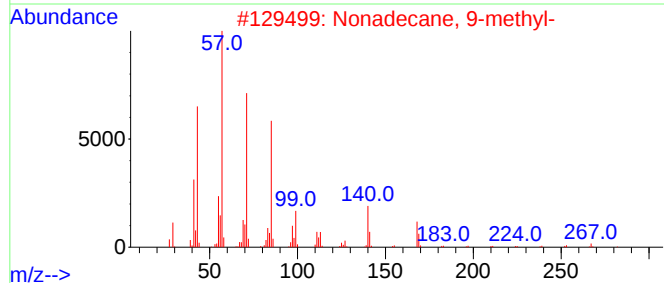
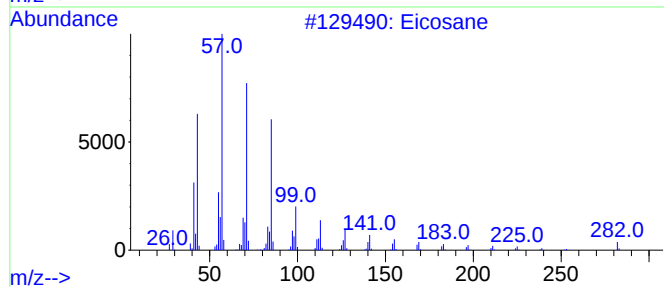
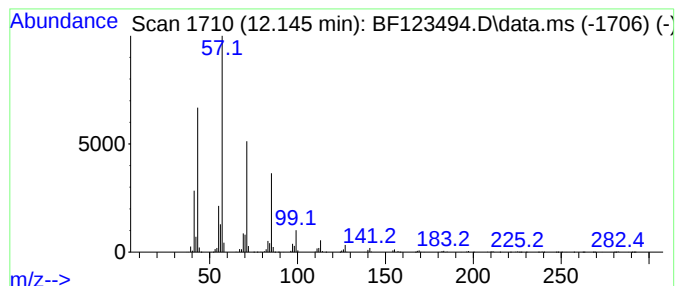
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	48.44 ng	4442400	Phenanthrene-d10	11.439

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosane	282	C20H42	000112-95-8	95
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
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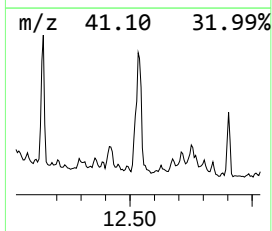
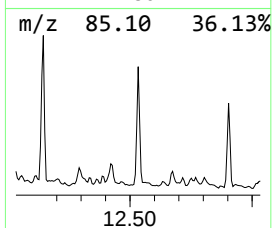
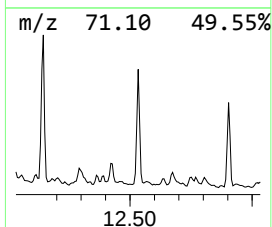
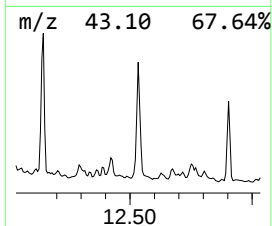
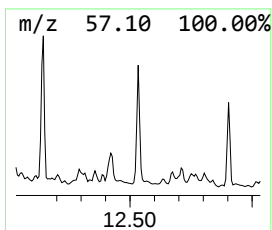
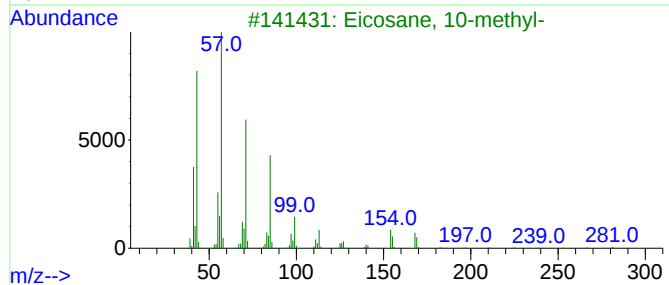
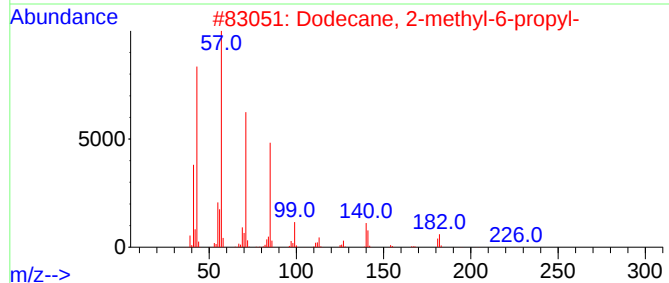
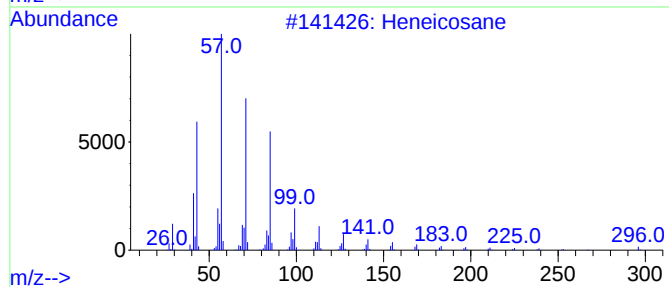
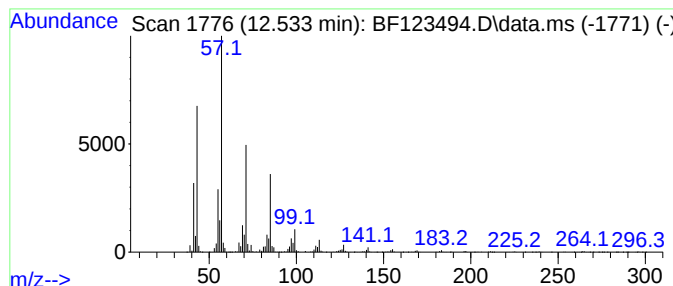
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.533	86.16 ng	7901800	Phenanthrene-d10	11.439

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
3			Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
4			Hexacosane	366	C26H54	000630-01-3	91
5			Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
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Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

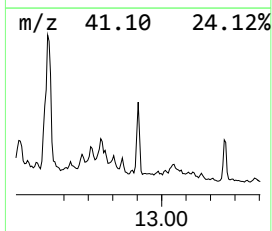
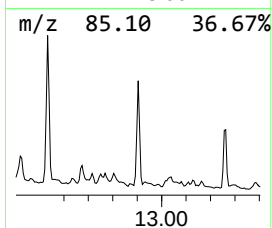
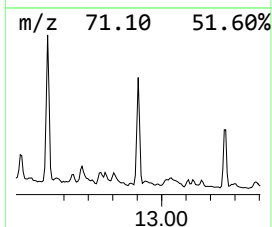
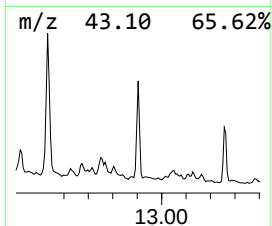
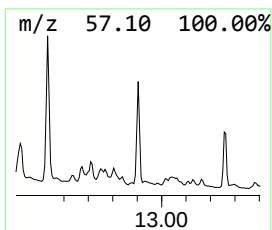
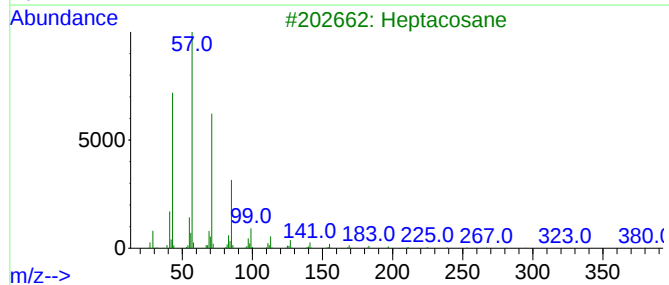
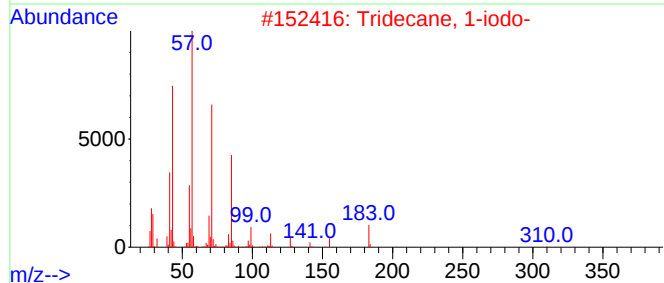
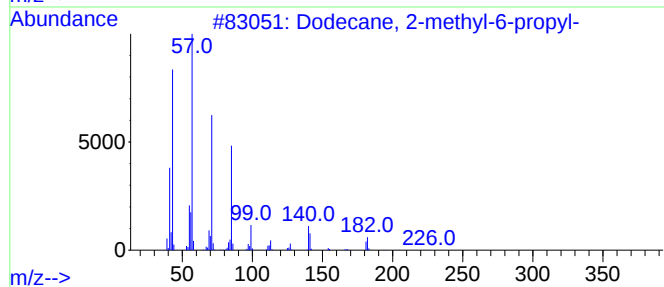
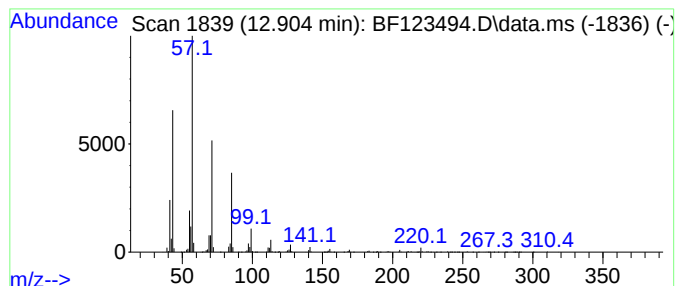
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.904	49.63 ng	2419890	Chrysene-d12	14.080	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octadecane	254	C18H38	000593-45-3	86
5	Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
Operator : JU/CG
Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

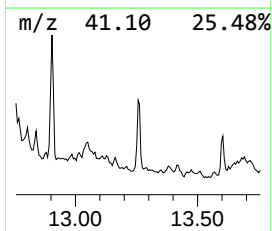
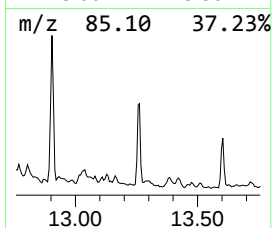
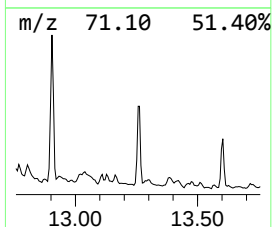
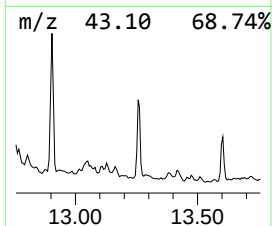
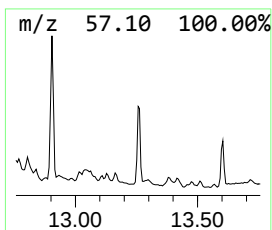
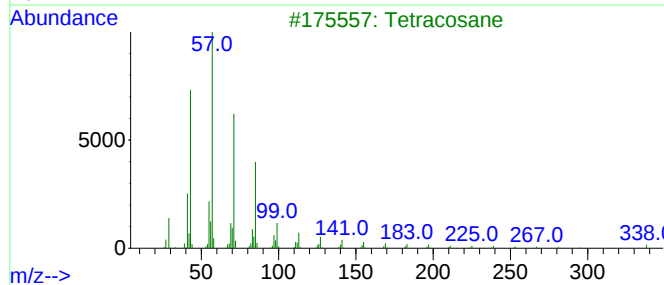
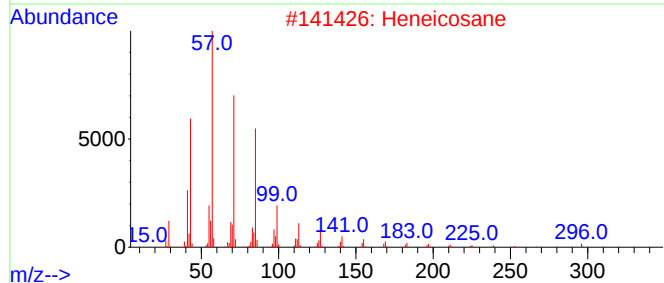
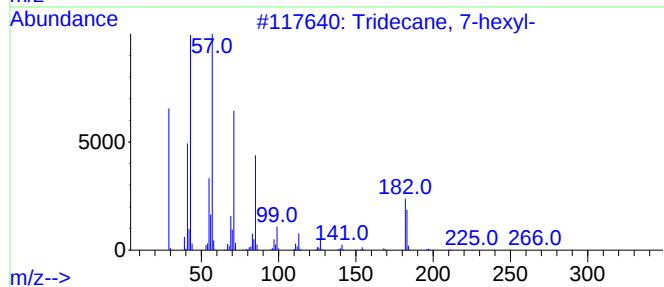
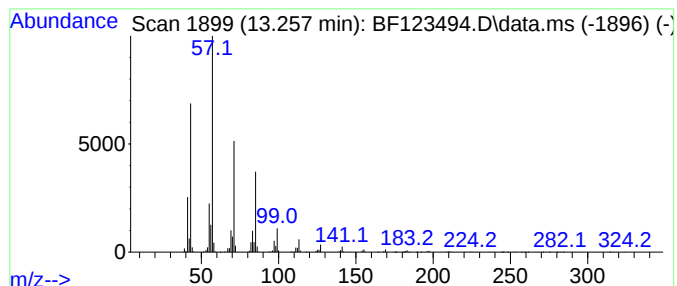
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ClientSampled :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.257	34.14 ng	1664620	Chrysene-d12		14.080	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	96
2	Heneicosane		296	C21H44	000629-94-7	90
3	Tetracosane		338	C24H50	000646-31-1	87
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	86
5	Octacosane		394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
Data File : BF123494.D
Acq On : 26 Mar 2021 19:29
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Sample : M1777-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampled :
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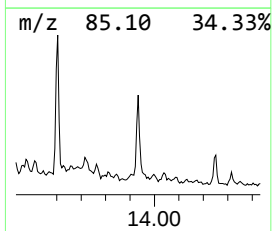
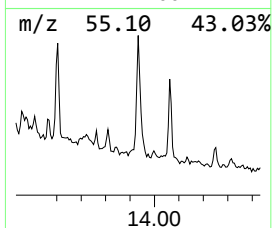
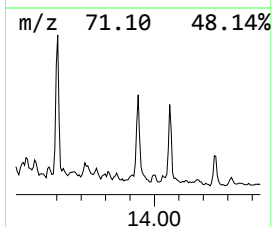
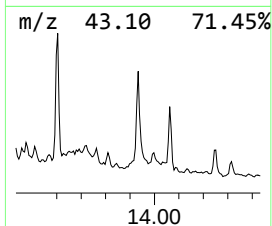
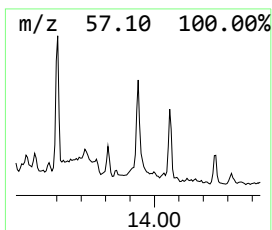
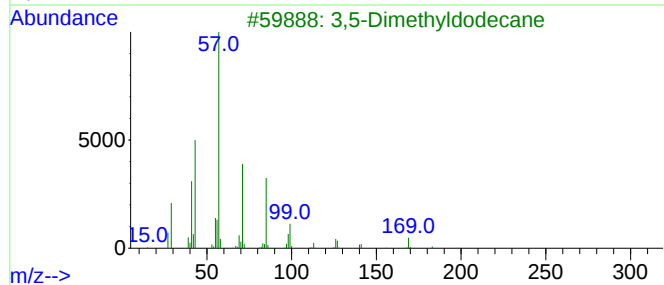
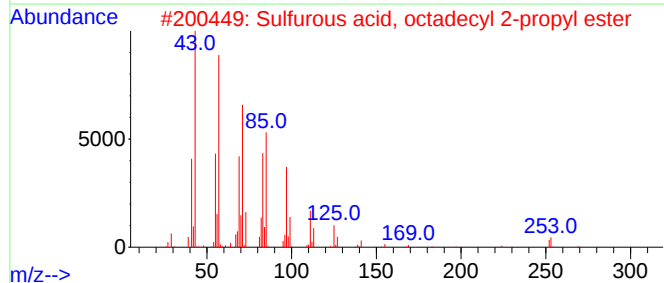
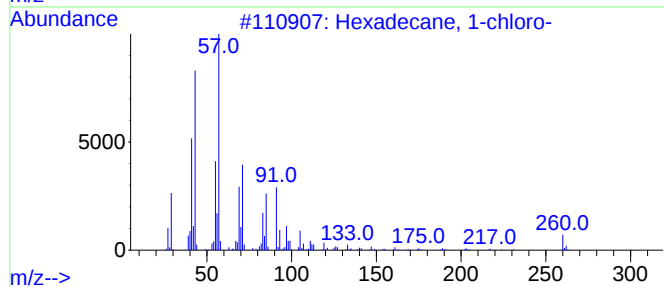
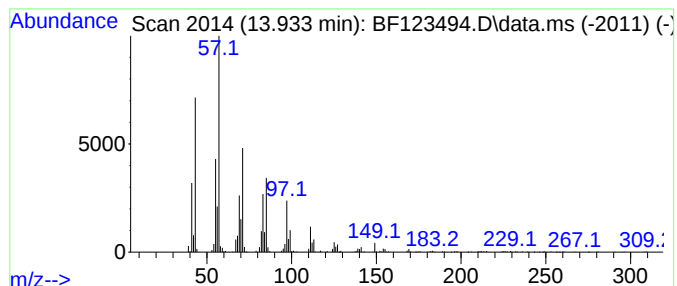
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Hexadecane, 1-chloro- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	28.40 ng	1384910	Chrysene-d12	14.080

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	81
2			Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	80
3			3,5-Dimethyldodecane	198	C14H30	107770-99-0	60
4			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	60
5			Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032621\
 Data File : BF123494.D
 Acq On : 26 Mar 2021 19:29
 Operator : JU/CG
 Sample : M1777-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.240	62.3	ng	5148450	1	6.898	1652300	20.0
Ethanol, 2-butoxy-	5.863	44.7	ng	3694240	1	6.898	1652300	20.0
2-Propanol, 1-b...	6.234	210.8	ng	17419000	1	6.898	1652300	20.0
Butane, 1-(1-me...	6.351	30.2	ng	2496210	1	6.898	1652300	20.0
Benzene, 1,2,3-...	6.728	33.2	ng	2739670	1	6.898	1652300	20.0
Benzene, 1-ethy...	6.963	28.3	ng	2340130	1	6.898	1652300	20.0
Undecane, 2,10-...	9.151	25.0	ng	2940500	3	9.951	2350190	20.0
Pentadecane	9.886	65.9	ng	7740510	3	9.951	2350190	20.0
Hexadecane	10.386	74.6	ng	8761090	3	9.951	2350190	20.0
Decane, 2,6,8-t...	10.604	37.3	ng	4381940	3	9.951	2350190	20.0
Benzenesulfonam...	10.822	59.0	ng	5415210	4	11.439	1834320	20.0
Heptadecane	10.863	112.8	ng	10348500	4	11.439	1834320	20.0
Octadecane	11.310	65.4	ng	5995500	4	11.439	1834320	20.0
Tridecane, 6-me...	11.339	38.8	ng	3553900	4	11.439	1834320	20.0
Eicosane	11.739	56.6	ng	5189070	4	11.439	1834320	20.0
Nonadecane, 9-m...	12.145	48.4	ng	4442400	4	11.439	1834320	20.0
Heneicosane	12.533	86.2	ng	7901800	4	11.439	1834320	20.0
Dodecane, 2-met...	12.904	49.6	ng	2419890	5	14.080	975195	20.0
Tridecane, 7-he...	13.257	34.1	ng	1664620	5	14.080	975195	20.0
Hexadecane, 1-c...	13.933	28.4	ng	1384910	5	14.080	975195	20.0