

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
 Data File : BF111901.D
 Acq On : 8 Jan 2019 2:31
 Operator : JU/SJ
 Sample : K1064-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 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-BF010719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.546	413	418	429	rVB	755416	1166923	11.19%	0.409%
2	5.487	572	578	583	rVV2	1602412	2595898	24.90%	0.909%
3	5.746	619	622	629	rVV2	1080899	1423820	13.66%	0.499%
4	5.810	629	633	636	rVV	3182410	2965127	28.45%	1.039%
5	5.875	636	644	647	rVB	4072261	7024013	67.38%	2.460%
6	6.063	671	676	679	rVB4	775502	1222078	11.72%	0.428%
7	6.151	688	691	697	rVB3	1995957	2447285	23.48%	0.857%
8	6.340	718	723	725	rBV	1011219	1371696	13.16%	0.480%
9	6.428	735	738	741	rBV2	3162123	3340363	32.05%	1.170%
10	6.451	741	742	745	rVB	1356524	1045894	10.03%	0.366%
11	6.493	745	749	756	rBV2	1901975	2371089	22.75%	0.830%
12	6.581	761	764	767	rBV	1390018	1391351	13.35%	0.487%
13	6.640	770	774	777	rBV3	931238	1611147	15.46%	0.564%
14	6.740	785	791	793	rBV2	6473258	8758839	84.03%	3.068%
15	6.893	814	817	819	rBV3	984631	1171548	11.24%	0.410%
16	6.916	819	821	825	rVB2	1925290	1880699	18.04%	0.659%
17	6.957	825	828	832	rVB2	2085676	2119287	20.33%	0.742%
18	7.045	840	843	846	rBV3	2160989	2185216	20.96%	0.765%
19	7.075	846	848	851	rVB2	1440520	1316045	12.63%	0.461%
20	7.145	855	860	862	rBV3	1168520	1724043	16.54%	0.604%
21	7.175	862	865	868	rVB	3636721	3360093	32.23%	1.177%
22	7.216	868	872	874	rBV2	3303736	3824220	36.69%	1.339%
23	7.240	874	876	879	rVB	2218451	1777571	17.05%	0.623%
24	7.287	880	884	888	rBV3	3357929	3720420	35.69%	1.303%
25	7.363	894	897	899	rBV	1258969	1095410	10.51%	0.384%
26	7.387	899	901	904	rVB	1522148	1149484	11.03%	0.403%
27	7.434	904	909	912	rBV2	3068324	4029764	38.66%	1.411%
28	7.504	917	921	923	rVB	8103857	7883622	75.63%	2.761%
29	7.545	923	928	931	rVB5	2174215	3171064	30.42%	1.111%
30	7.581	931	934	936	rBV2	1806393	2100971	20.16%	0.736%
31	7.698	952	954	958	rVB2	2179385	3084433	29.59%	1.080%
32	7.781	964	968	970	rBV	1357020	1700114	16.31%	0.595%
33	7.828	974	976	979	rBV3	1901228	1644342	15.77%	0.576%
34	7.857	979	981	982	rBV	1221718	1251565	12.01%	0.438%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.898	985	988	990	rBV	3235351	3242762	31.11%	1.136%
36	7.922	990	992	993	rBV2	1738242	1538037	14.75%	0.539%
37	7.975	999	1001	1003	rBV	1970308	1744569	16.74%	0.611%
38	7.998	1003	1005	1007	rVV2	1389178	1304595	12.52%	0.457%
39	8.022	1007	1009	1011	rVB	2460449	1852172	17.77%	0.649%
40	8.051	1011	1014	1017	rBV2	1238818	1126435	10.81%	0.395%
41	8.139	1024	1029	1030	rBV4	1486745	2012783	19.31%	0.705%
42	8.169	1030	1034	1037	rVV2	9416451	10423937	100.00%	3.651%
43	8.198	1037	1039	1042	rVV2	1924539	2394239	22.97%	0.839%
44	8.245	1042	1047	1049	rVB2	3761515	4998935	47.96%	1.751%
45	8.269	1049	1051	1054	rBV2	1490285	1615145	15.49%	0.566%
46	8.381	1068	1070	1074	rVB4	1687848	1627618	15.61%	0.570%
47	8.422	1074	1077	1080	rBV4	1060190	1140376	10.94%	0.399%
48	8.475	1080	1086	1093	rVB5	3021106	4803172	46.08%	1.682%
49	8.528	1093	1095	1098	rVB3	2646765	2446852	23.47%	0.857%
50	8.563	1098	1101	1104	rBV3	2977864	3253681	31.21%	1.140%
51	8.604	1104	1108	1110	rVV3	3004622	2965228	28.45%	1.039%
52	8.651	1114	1116	1118	rVB2	1259977	1050964	10.08%	0.368%
53	8.687	1118	1122	1125	rBV	4149873	4027410	38.64%	1.411%
54	8.781	1134	1138	1141	rBV	8319004	8555887	82.08%	2.997%
55	8.845	1145	1149	1150	rVV2	1559611	1657786	15.90%	0.581%
56	8.869	1150	1153	1156	rVB3	1092865	1203794	11.55%	0.422%
57	8.898	1156	1158	1161	rVB2	1745410	1401978	13.45%	0.491%
58	9.010	1171	1177	1179	rBV3	2423984	2974603	28.54%	1.042%
59	9.139	1195	1199	1203	rVB2	2003719	2887955	27.71%	1.011%
60	9.181	1203	1206	1207	rBV	1691120	1399988	13.43%	0.490%
61	9.204	1207	1210	1217	rVB4	2736326	3177651	30.48%	1.113%
62	9.345	1229	1234	1238	rVV	8081031	8968744	86.04%	3.141%
63	9.381	1238	1240	1242	rVV3	941611	1112814	10.68%	0.390%
64	9.410	1242	1245	1248	rVV3	2184843	2677386	25.68%	0.938%
65	9.575	1270	1273	1274	rBV2	995656	1082826	10.39%	0.379%
66	9.592	1274	1276	1278	rVV	1746916	1841741	17.67%	0.645%
67	9.616	1278	1280	1283	rVV2	1877787	1628158	15.62%	0.570%
68	9.663	1283	1288	1290	rVV3	3460005	4625948	44.38%	1.620%
69	9.681	1290	1291	1294	rVV2	2334777	1868922	17.93%	0.655%
70	9.716	1294	1297	1300	rVB2	2115155	1942566	18.64%	0.680%
71	9.875	1320	1324	1327	rVV	8051113	7607827	72.98%	2.665%

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72	9.910	1328	1330	1332	rVV2	1178700	1288457	12.36%	0.451%
73	9.934	1332	1334	1337	rVB2	1219139	1226384	11.77%	0.430%
74	10.004	1344	1346	1350	rVB5	997527	1144866	10.98%	0.401%
75	10.098	1359	1362	1365	rVV2	1270147	1902638	18.25%	0.666%
76	10.128	1365	1367	1370	rVV3	1355430	1855503	17.80%	0.650%
77	10.192	1374	1378	1382	rVV5	2138750	3090113	29.64%	1.082%
78	10.257	1386	1389	1392	rBV3	879512	1233915	11.84%	0.432%
79	10.375	1402	1409	1411	rBV	7762493	7999912	76.75%	2.802%
80	10.428	1415	1418	1423	rVB4	793993	1223040	11.73%	0.428%
81	10.592	1440	1446	1451	rBV	2941271	4227100	40.55%	1.481%
82	10.669	1457	1459	1463	rBV3	958888	1127787	10.82%	0.395%
83	10.845	1485	1489	1498	rBV	6147044	9027716	86.61%	3.162%
84	11.292	1561	1565	1568	rBV	5746435	5921104	56.80%	2.074%
85	11.322	1568	1570	1575	rVB	2781643	2901414	27.83%	1.016%
86	11.428	1585	1588	1592	rBV3	995238	1186369	11.38%	0.416%
87	11.463	1592	1594	1599	rVB2	711180	1074887	10.31%	0.376%
88	11.722	1634	1638	1640	rBV	5198683	4817103	46.21%	1.687%
89	11.810	1650	1653	1656	rVB2	2923793	2615475	25.09%	0.916%
90	11.951	1674	1677	1680	rBV2	1133181	1460507	14.01%	0.512%
91	12.122	1703	1706	1709	rVB	4444211	4039057	38.75%	1.415%
92	12.504	1766	1771	1772	rBV	7048200	7514911	72.09%	2.632%
93	12.522	1772	1774	1783	rVB2	7270783	8277685	79.41%	2.899%
94	12.663	1793	1798	1802	rVV2	1110829	1809239	17.36%	0.634%
95	12.880	1832	1835	1838	rVB	3189166	2723532	26.13%	0.954%
96	12.951	1844	1847	1852	rVB	1158445	1153750	11.07%	0.404%
97	13.233	1892	1895	1898	rBV	2239466	1930175	18.52%	0.676%
98	13.574	1950	1953	1958	rBV	1593805	1364356	13.09%	0.478%
99	13.904	2006	2009	2016	rVB	838202	1127312	10.81%	0.395%
100	14.057	2032	2035	2039	rBV	1040188	1137093	10.91%	0.398%

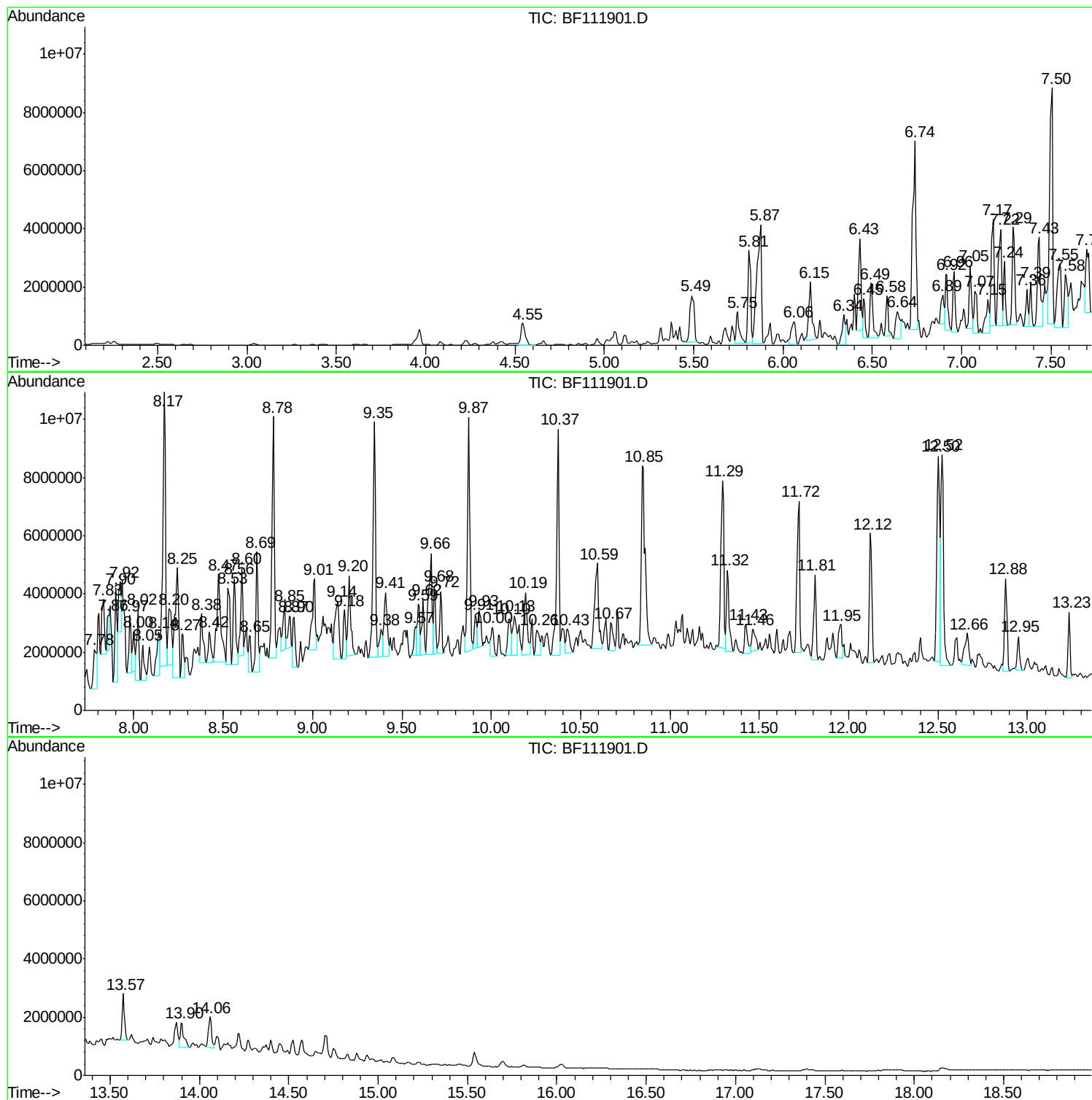
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Instrument :
BNA_F
ClientSampled :
P-1419-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.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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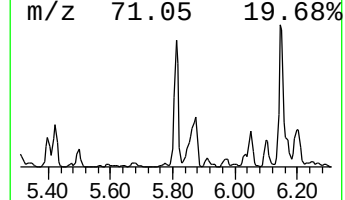
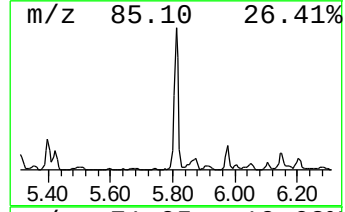
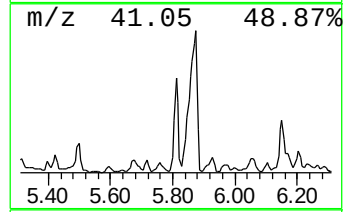
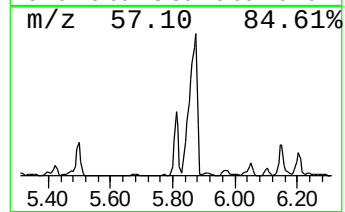
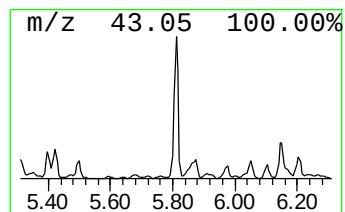
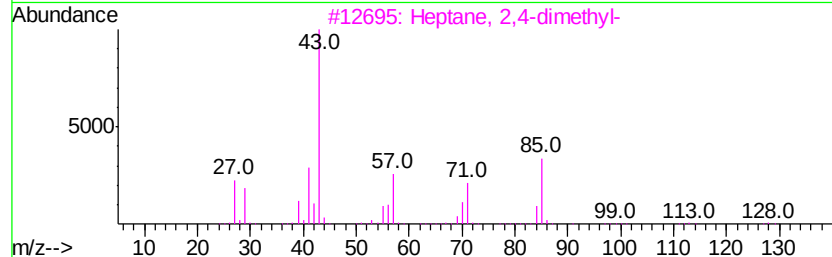
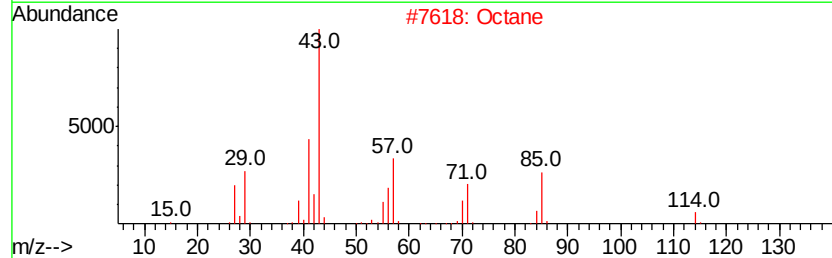
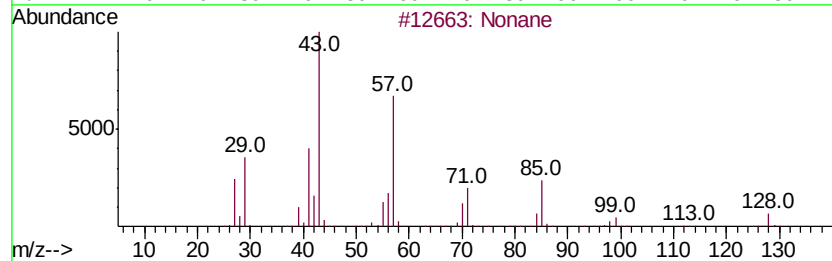
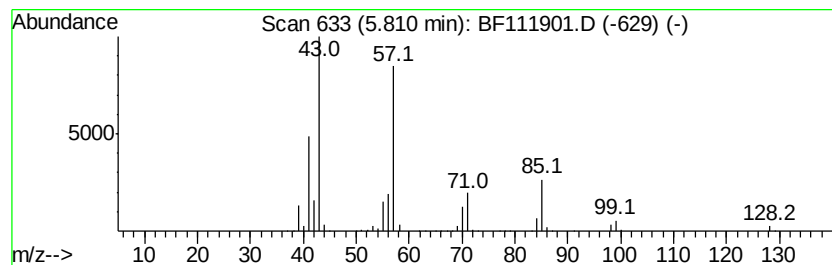
Instrument :
BNA_F
ClientSampled :
P-1419-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.81	50.62 ng	2965130	1,4-Dichlorobenzene-d4	6.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	90
2	Octane	114	C8H18	000111-65-9	64
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
4	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	58



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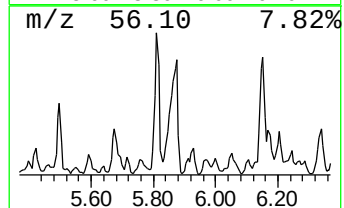
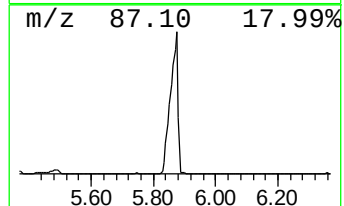
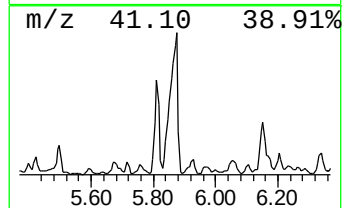
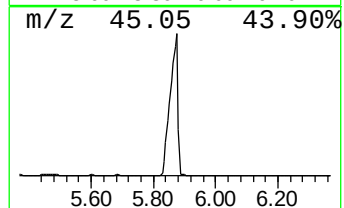
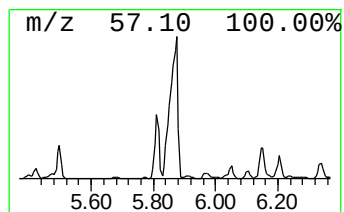
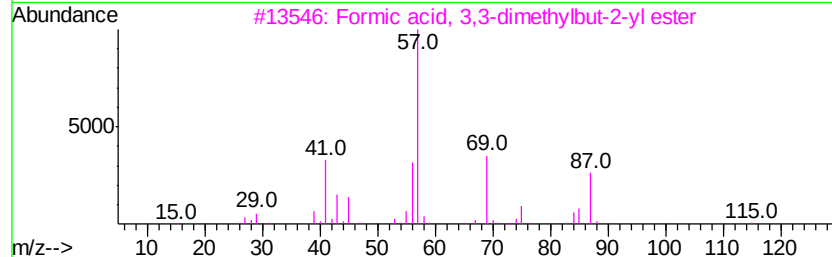
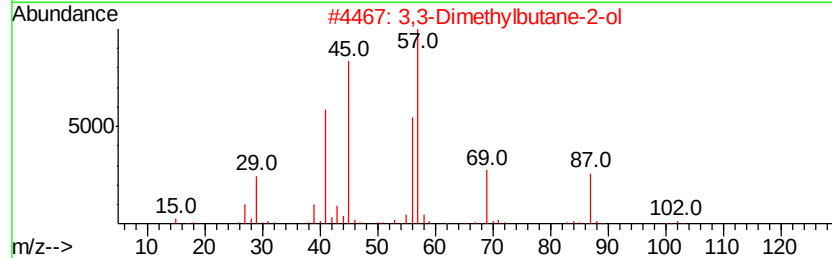
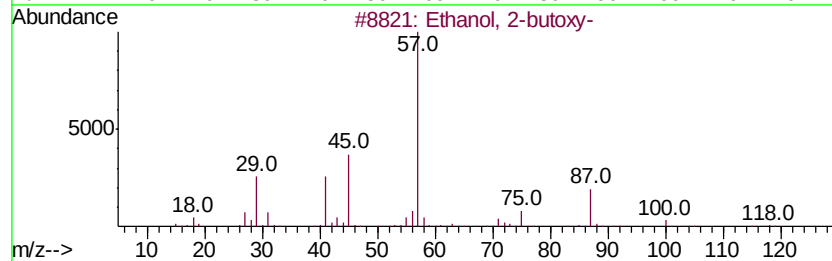
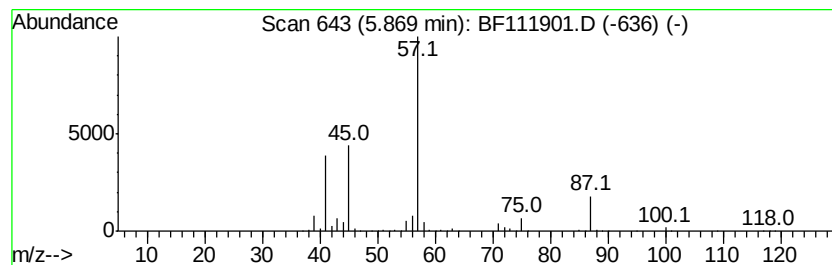
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-butoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	119.91 ng	7024010	1,4-Dichlorobenzene-d4	6.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	91
2		3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
3		Formic acid, 3,3-dimethylbut-2-yl...	130	C7H14O2	1000368-20-5	23
4		Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	17
5		1,3-Propanediol, 2-methyl-, dipr...	202	C10H18O4	054932-83-1	17



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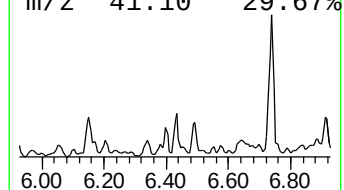
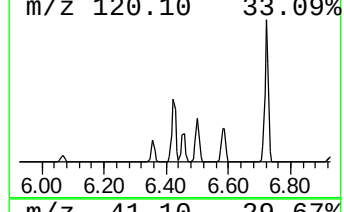
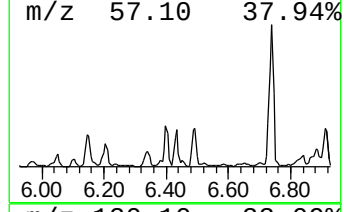
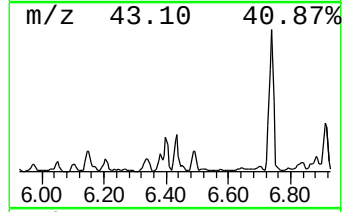
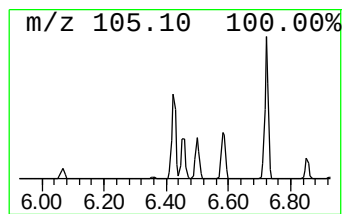
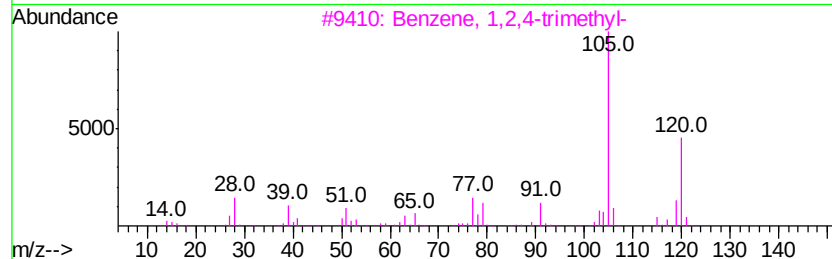
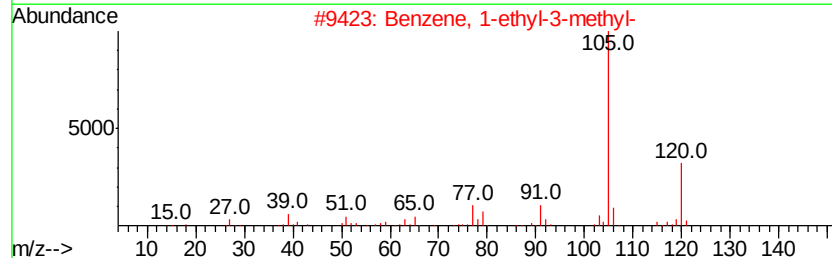
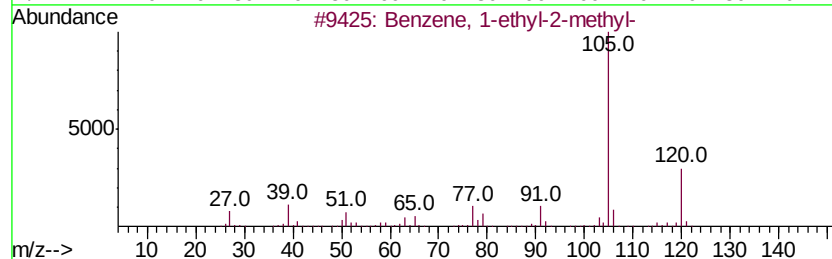
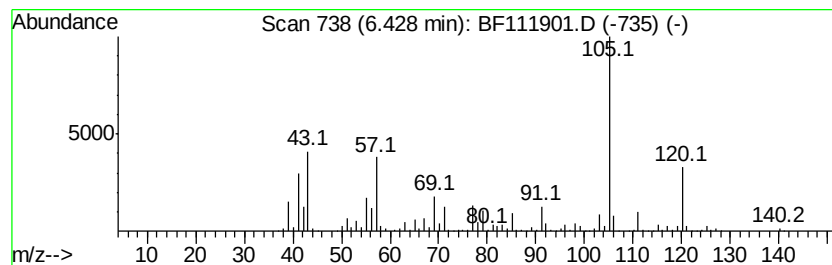
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	57.02 ng	3340360	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	92
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	92
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	64
4		Mesitylene	120	C9H12	000108-67-8	64
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64



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Operator : JU/SJ
Sample : K1064-05 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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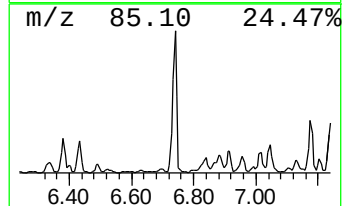
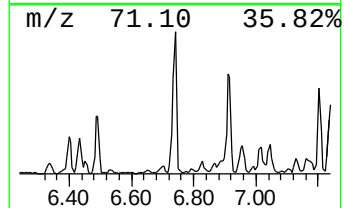
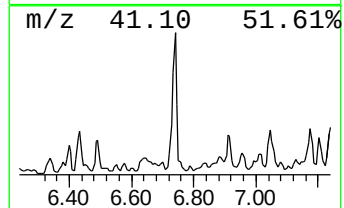
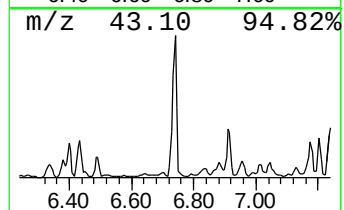
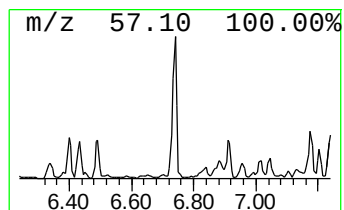
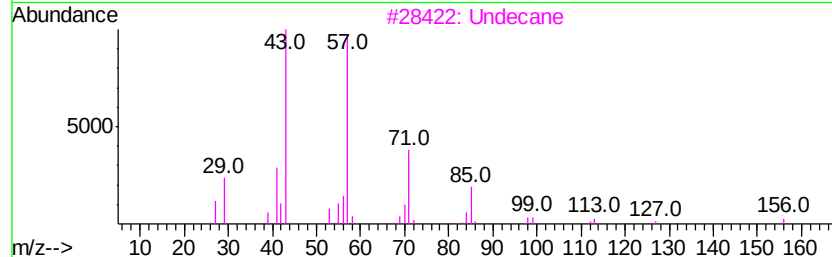
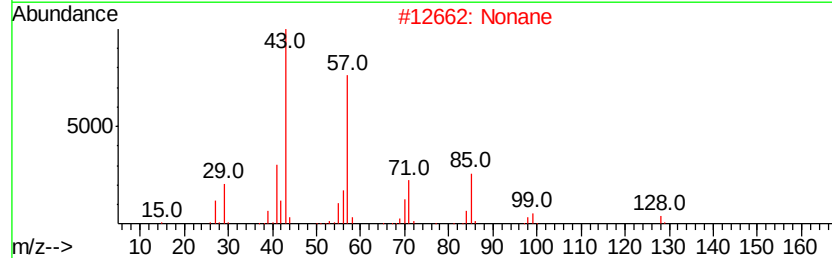
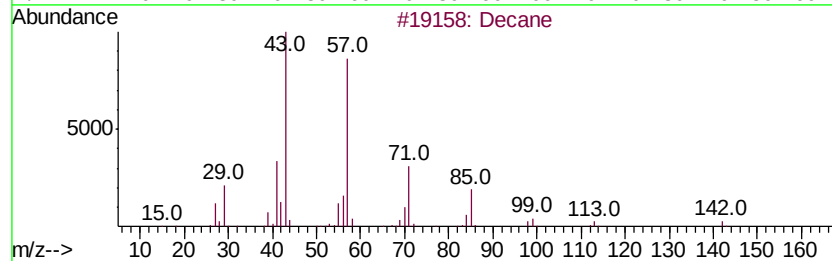
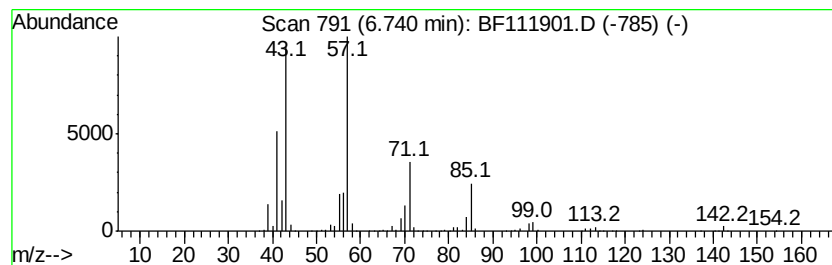
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	149.53 ng	8758840	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	95
2		Nonane	128	C9H20	000111-84-2	72
3		Undecane	156	C11H24	001120-21-4	72
4		Tridecane	184	C13H28	000629-50-5	72
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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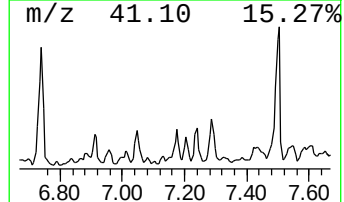
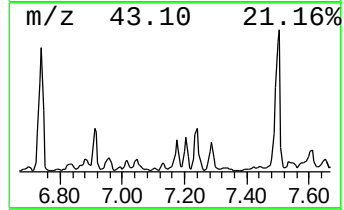
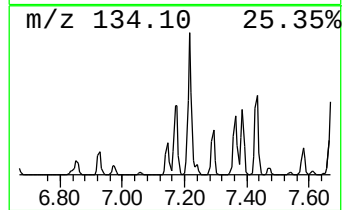
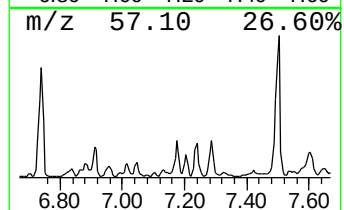
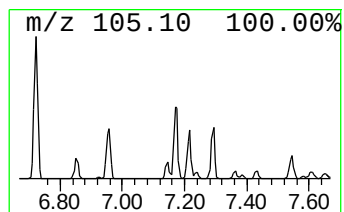
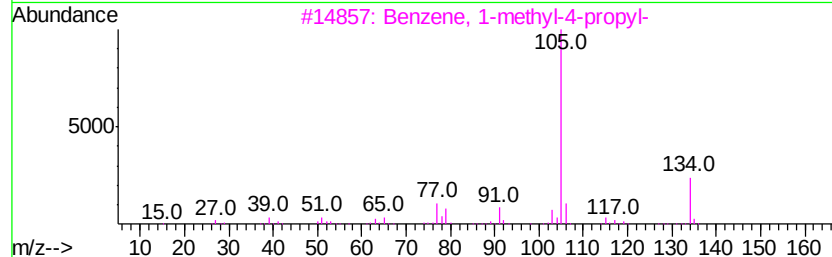
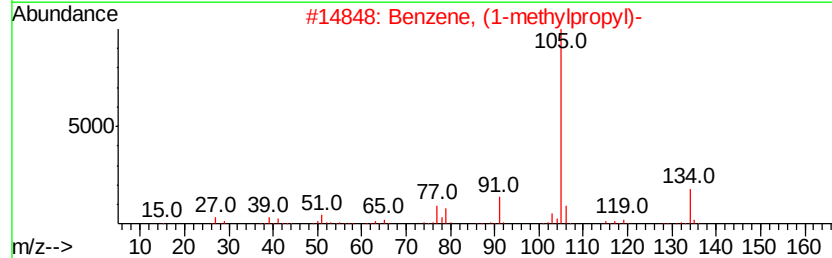
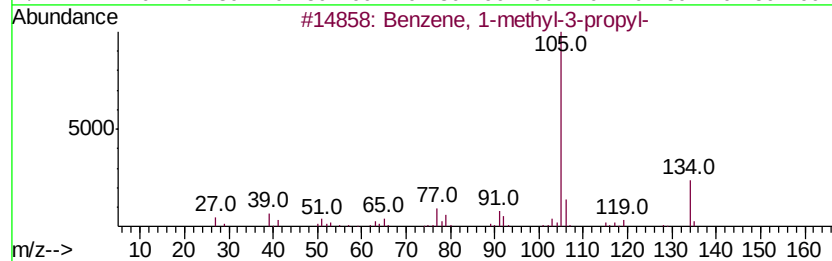
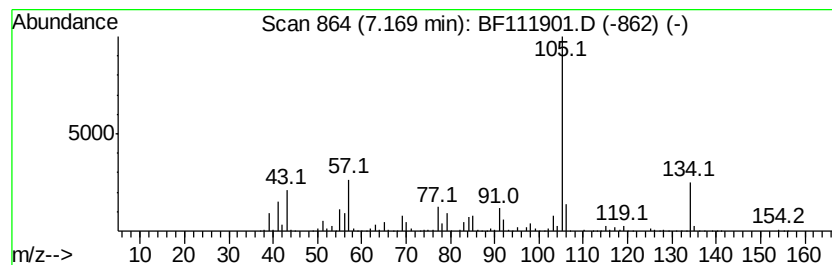
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	57.36 ng	3360090	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
2		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	55
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	55
4		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	55
5		2-Tolylloxirane	134	C9H10O	002783-26-8	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
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Sample : K1064-05 10X
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ClientSampleId :
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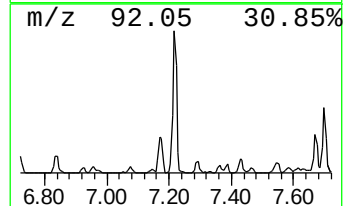
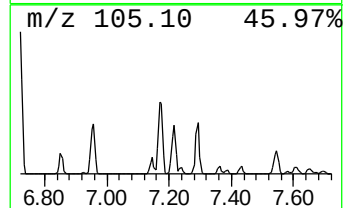
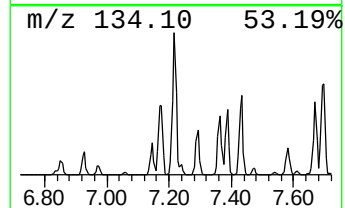
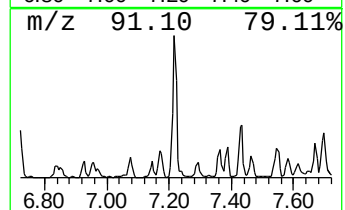
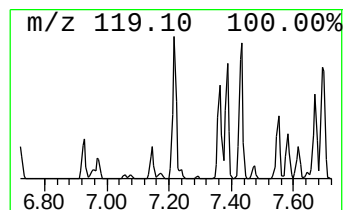
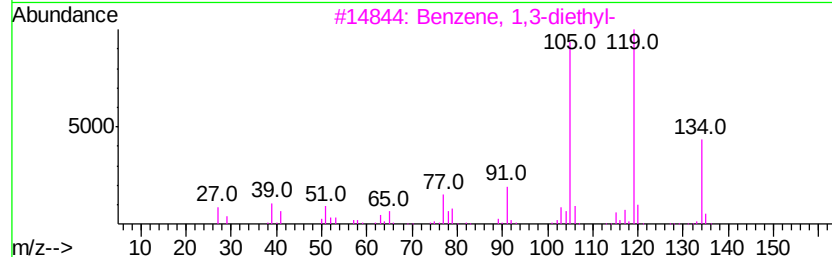
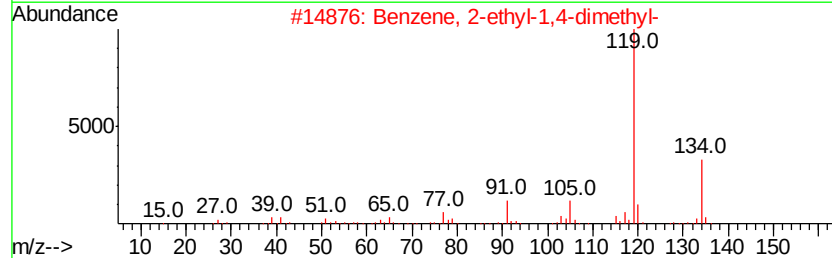
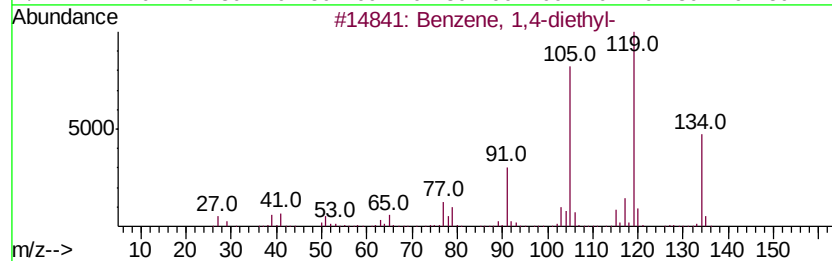
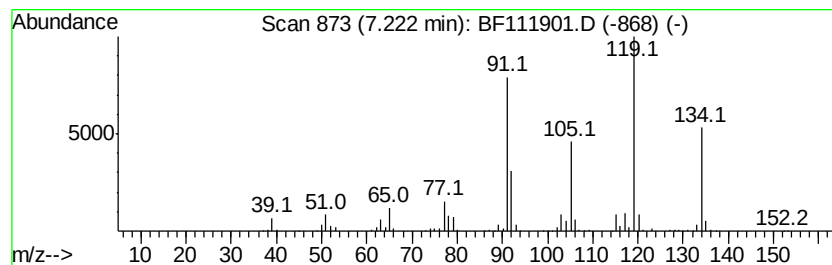
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	65.28 ng	3824220	1,4-Dichlorobenzene-d4	6.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	96
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3		Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	93
4		Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
5		p-Cymene	134	C10H14	000099-87-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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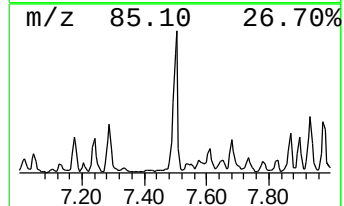
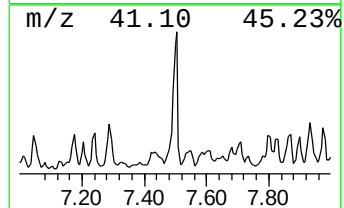
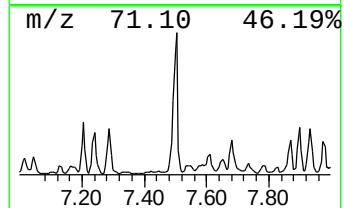
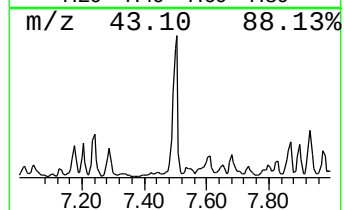
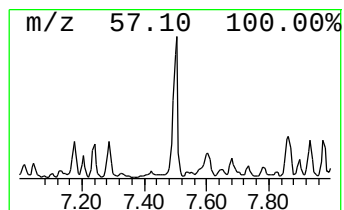
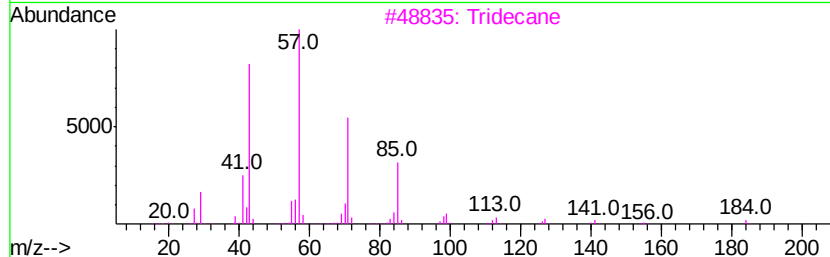
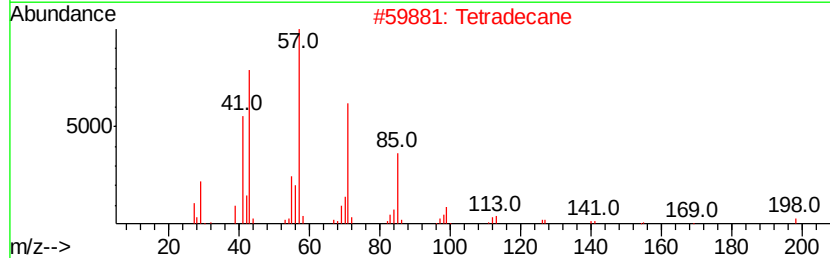
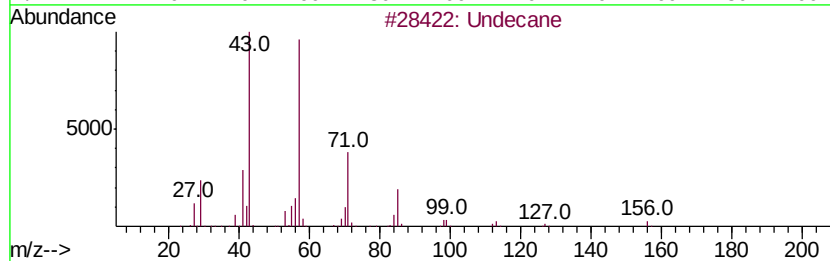
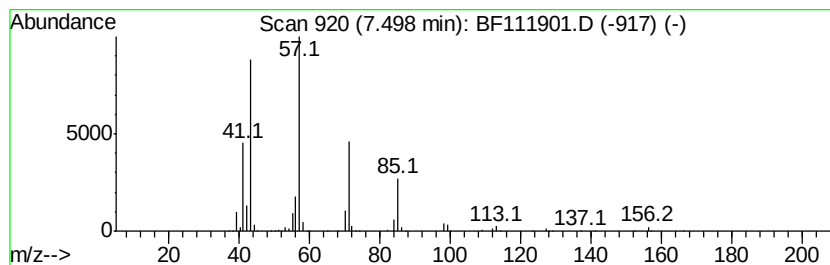
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.50	134.59 ng	7883620	1,4-Dichlorobenzene-d4	6.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	93
2	Tetradecane		198	C14H30	000629-59-4	90
3	Tridecane		184	C13H28	000629-50-5	83
4	Sulfurous acid, 2-ethylhexyl iso...		278	C14H30O3S	1000309-19-0	78
5	Hexadecane		226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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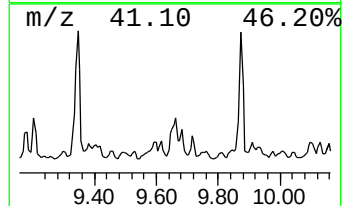
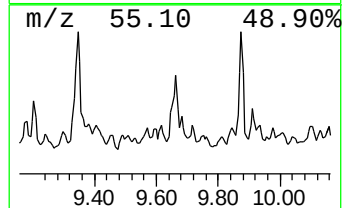
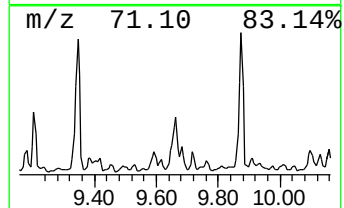
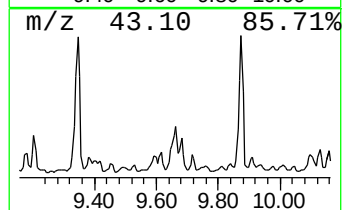
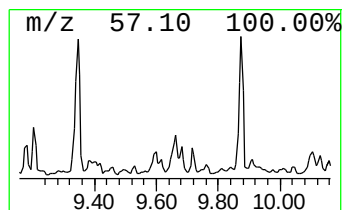
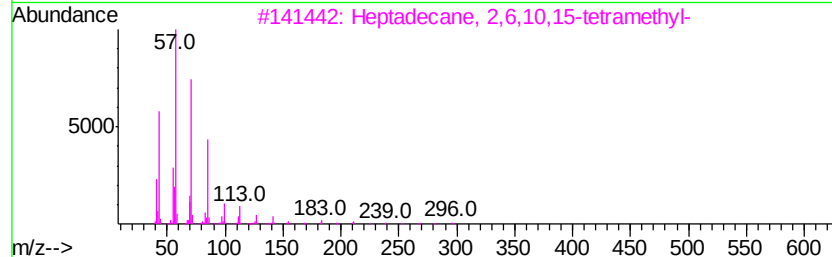
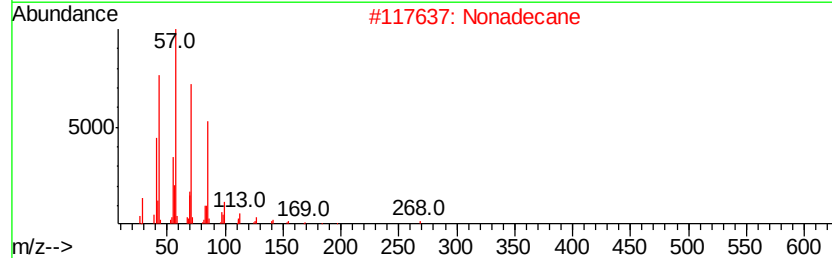
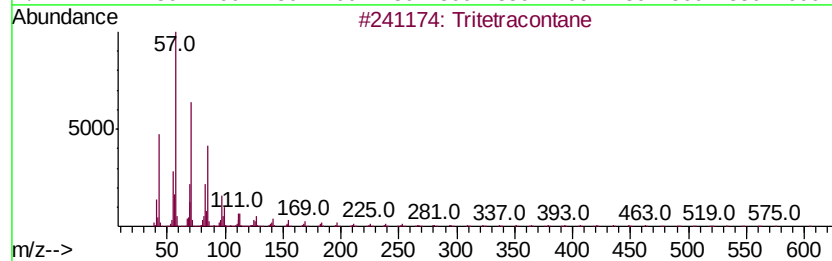
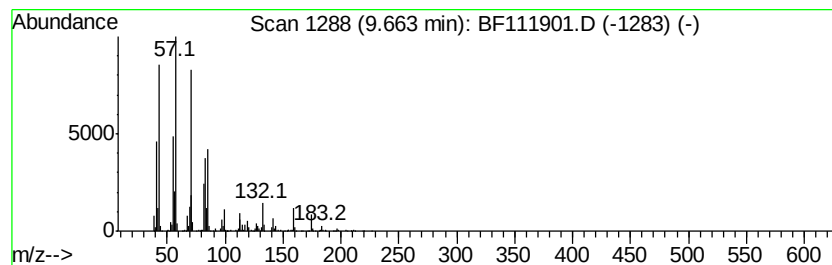
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tritetracontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	75.44 ng	4625950	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tritetracontane	605	C43H88	007098-21-7	72
2		Nonadecane	268	C19H40	000629-92-5	68
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4		Tridecane	184	C13H28	000629-50-5	58
5		Heneicosane	296	C21H44	000629-94-7	58



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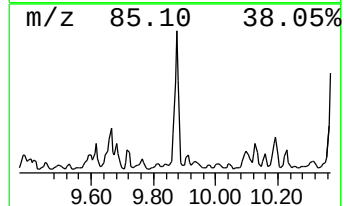
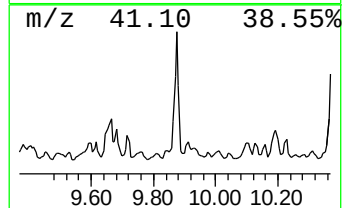
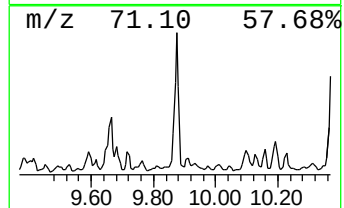
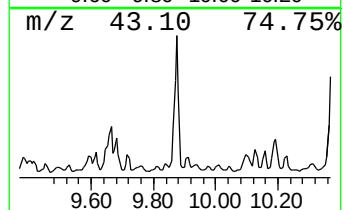
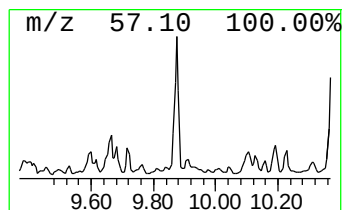
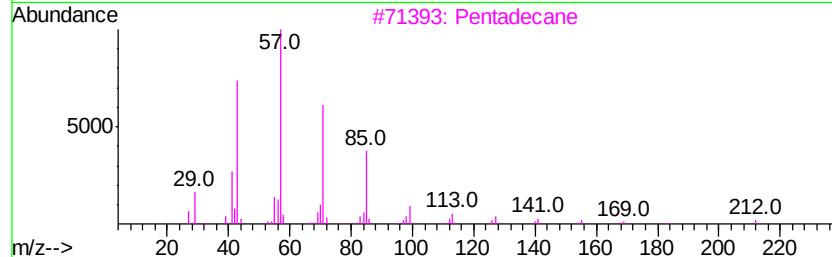
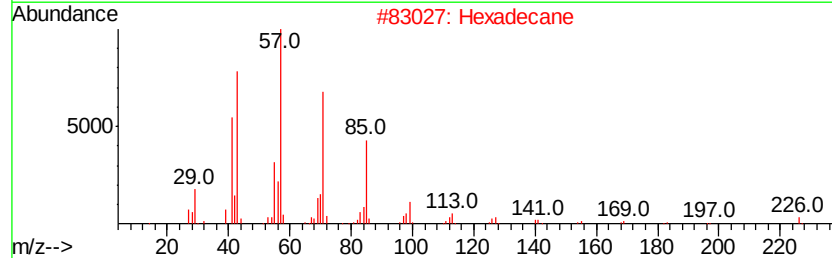
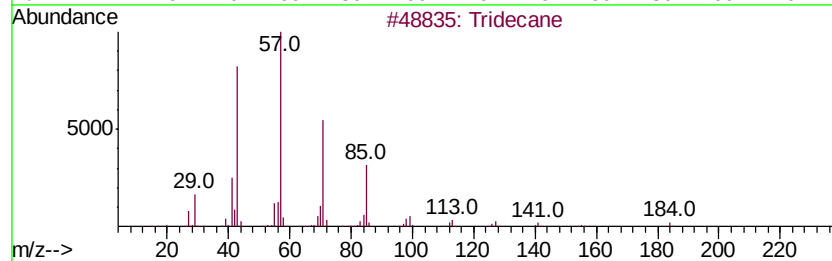
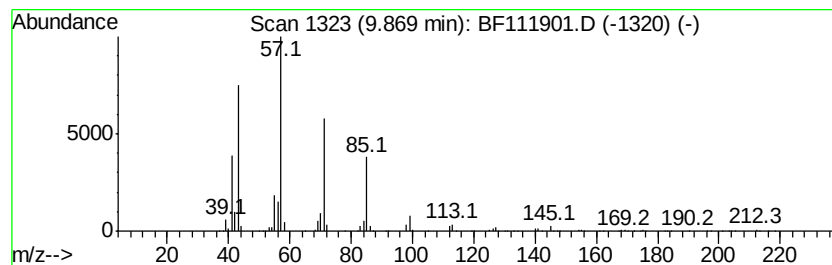
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	124.07 ng	7607830	Acenaphthene-d10	9.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Tetradecane		198	C14H30	000629-59-4	80
5	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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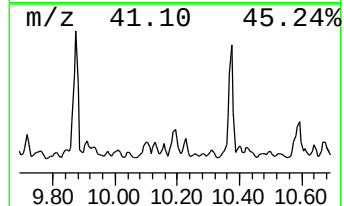
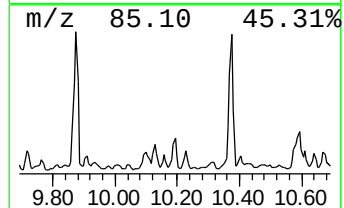
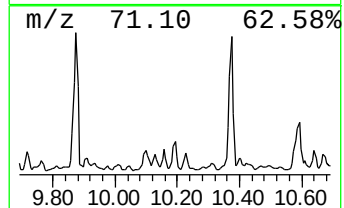
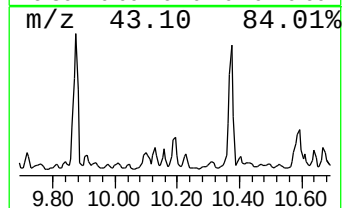
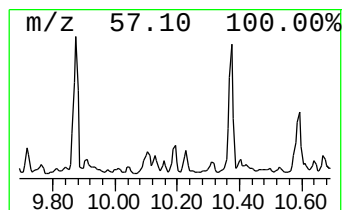
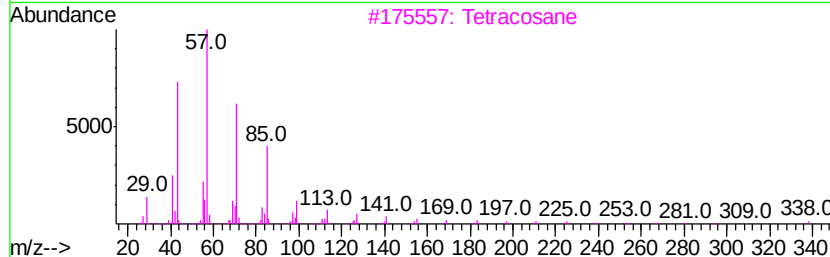
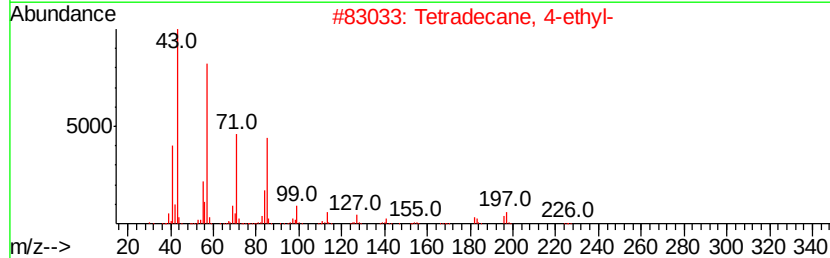
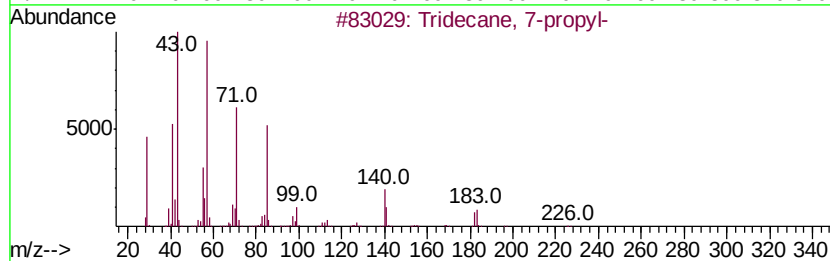
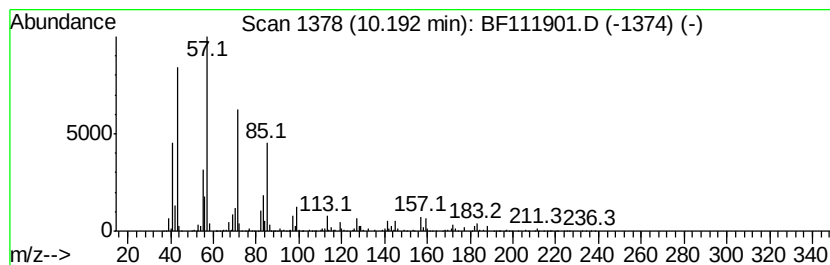
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane, 7-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	50.39 ng	3090110	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane, 7-propyl-	226 C16H34	055045-09-5 90
2		Tetradecane, 4-ethyl-	226 C16H34	055045-14-2 87
3		Tetracosane	338 C24H50	000646-31-1 83
4		Pentadecane	212 C15H32	000629-62-9 81
5		2-Bromotetradecane	276 C14H29Br	074036-95-6 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Operator : JU/SJ
Sample : K1064-05 10X
Misc :
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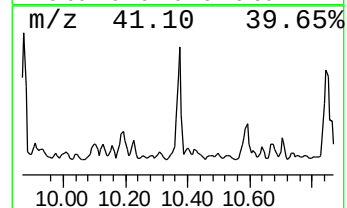
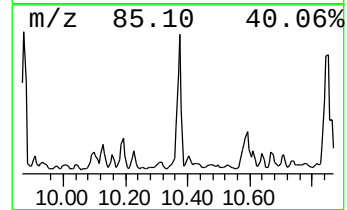
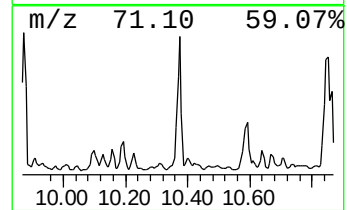
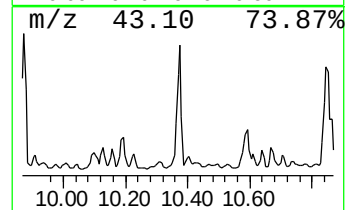
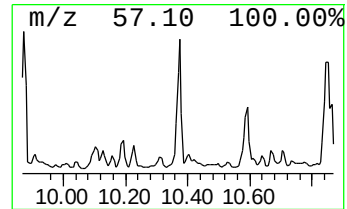
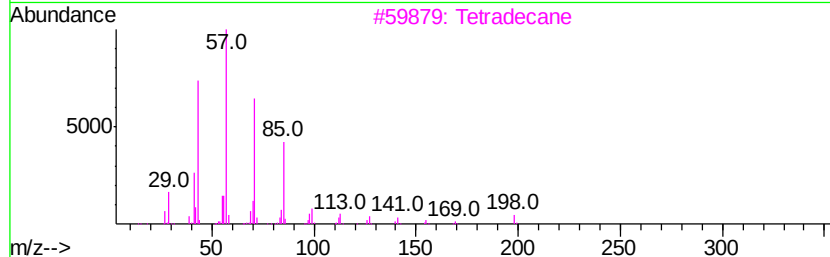
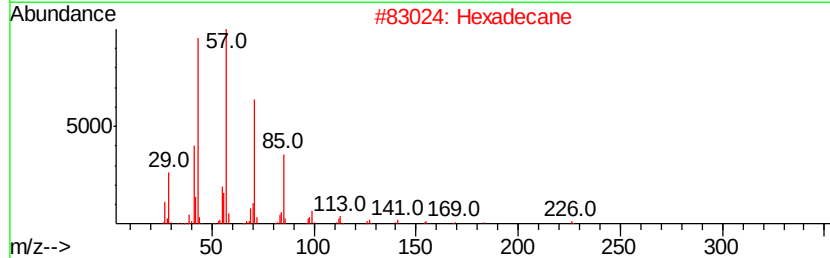
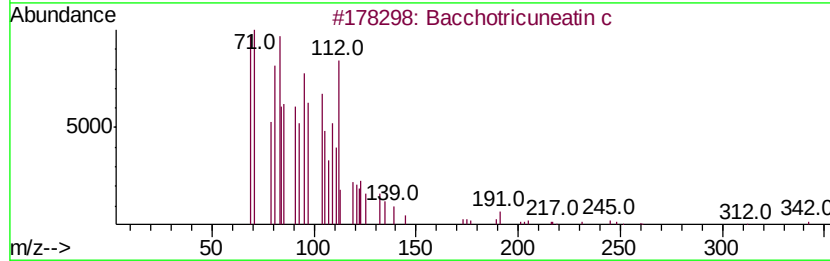
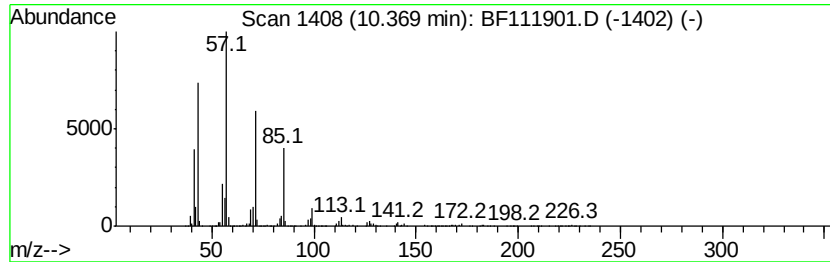
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.37	130.46 ng	7999910	Acenaphthene-d10	9.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Tetradecane	198	C14H30	000629-59-4	95
4	Pentadecane	212	C15H32	000629-62-9	90
5	Tridecane	184	C13H28	000629-50-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Misc :
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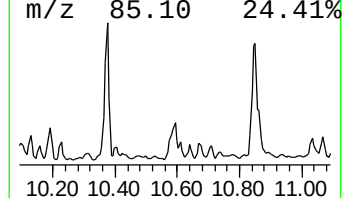
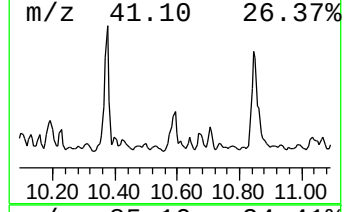
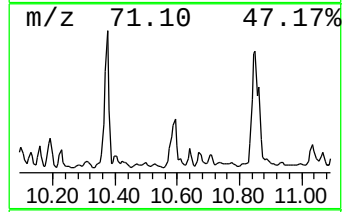
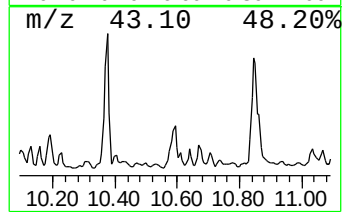
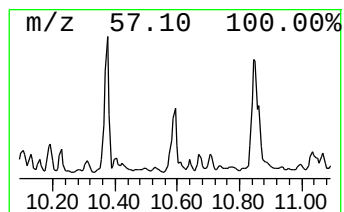
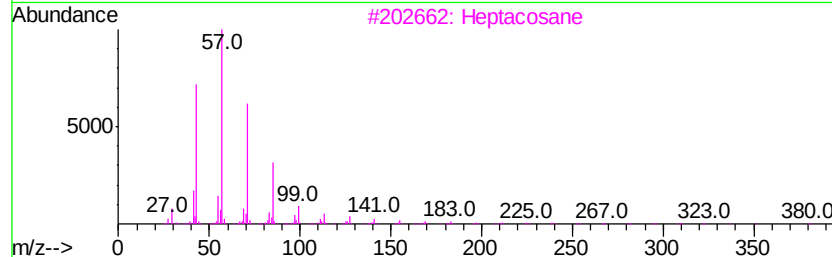
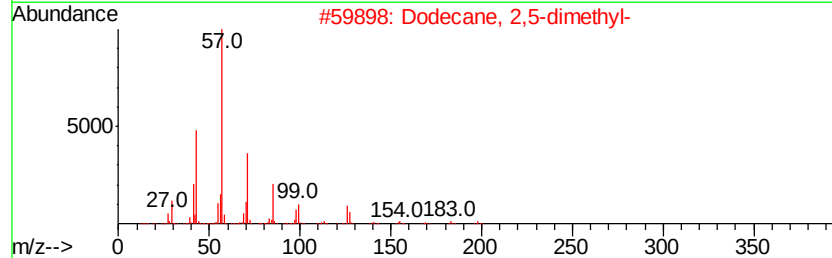
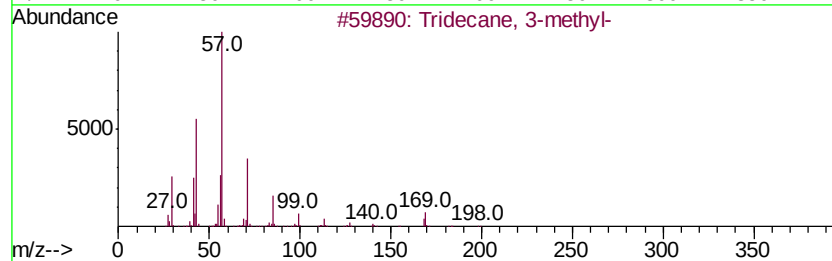
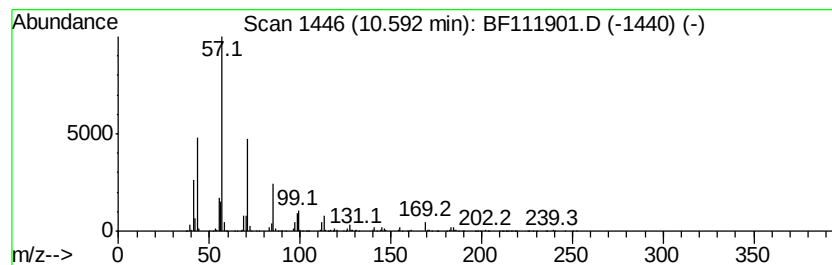
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.59	68.94 ng	4227100	Acenaphthene-d10		9.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
2		Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	87
3		Heptacosane	380	C27H56	000593-49-7	80
4		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	76
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
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Sample : K1064-05 10X
Misc :
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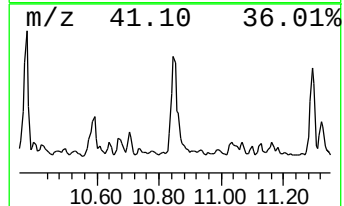
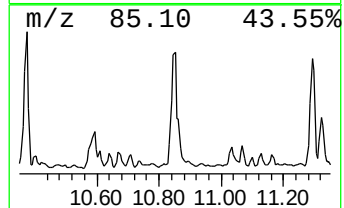
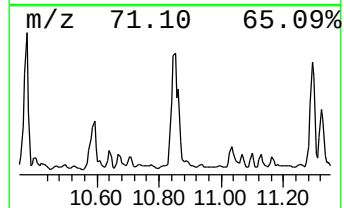
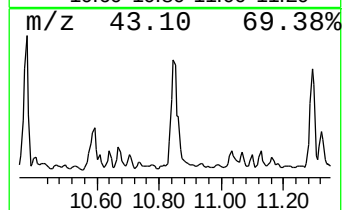
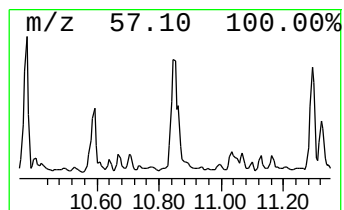
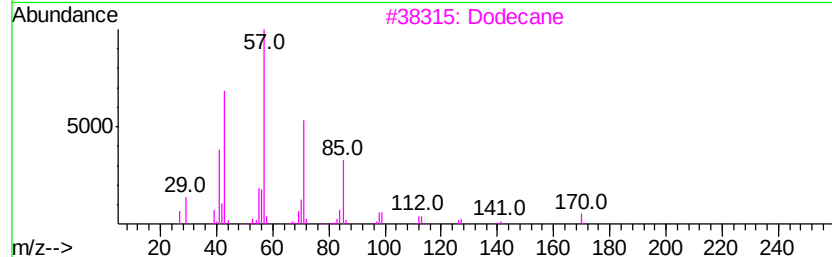
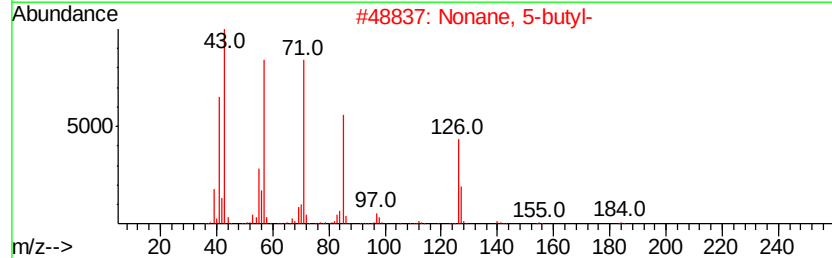
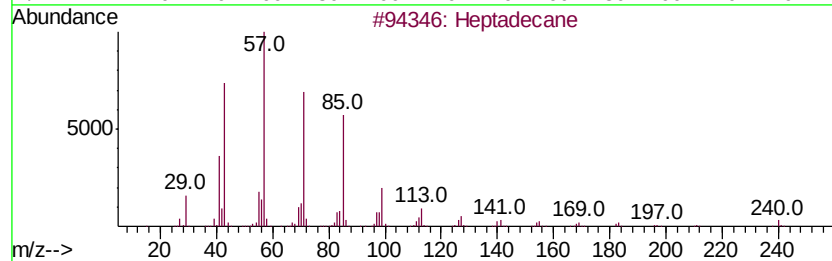
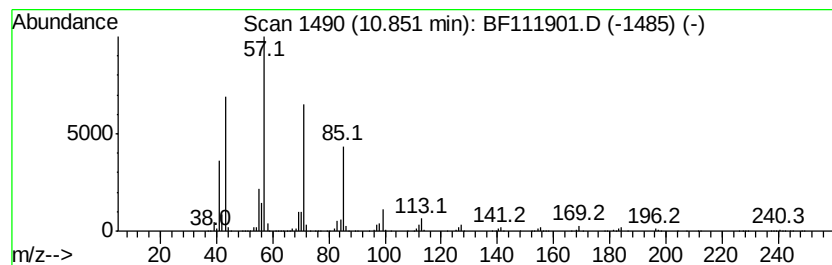
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.85	152.19 ng	9027720	Phenanthrene-d10	11.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	90
3	Dodecane	170	C12H26	000112-40-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
Acq On : 8 Jan 2019 2:31
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ALS Vial : 25 Sample Multiplier: 1

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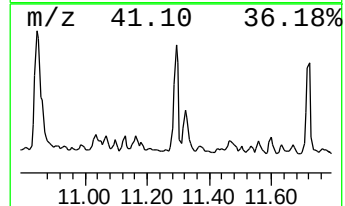
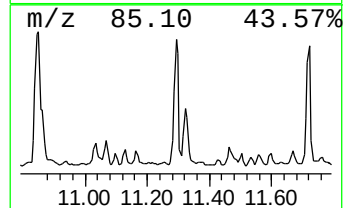
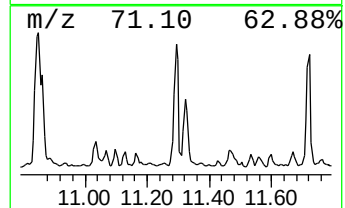
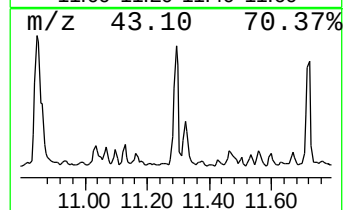
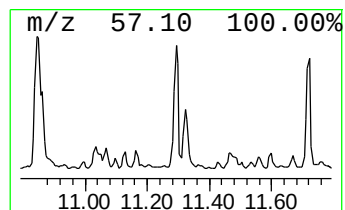
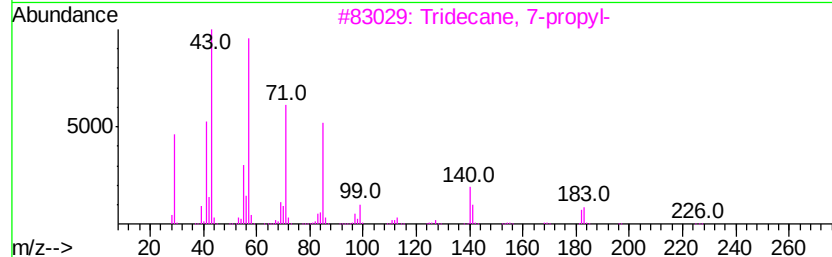
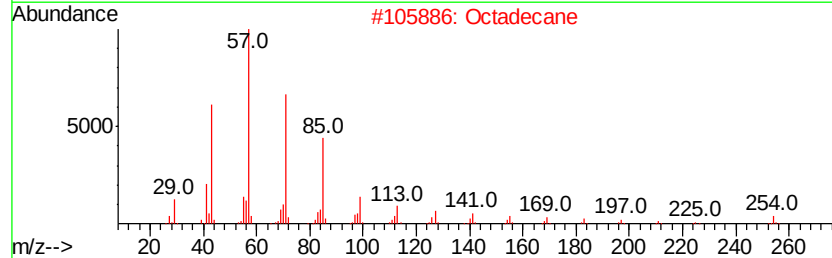
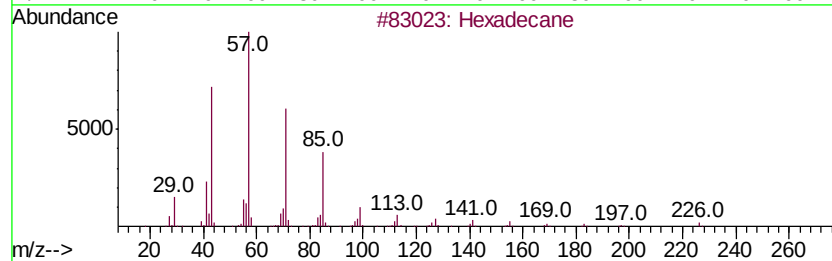
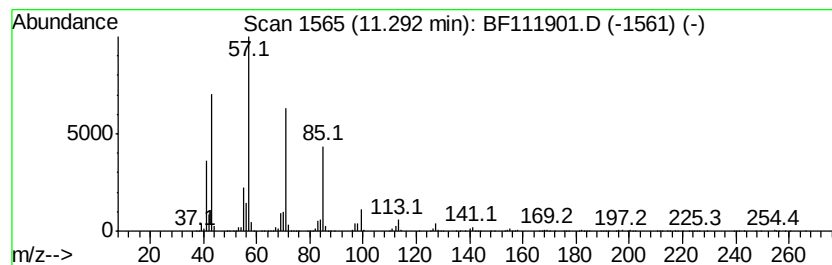
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	99.82 ng	5921100	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Octadecane	254	C18H38	000593-45-3	94
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	93
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Misc :
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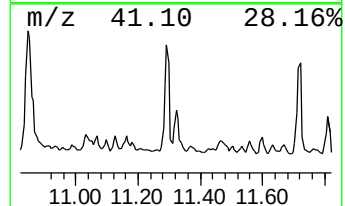
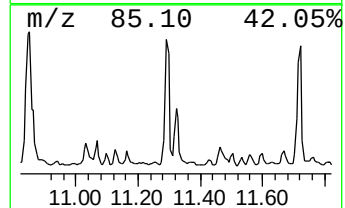
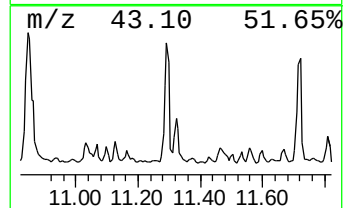
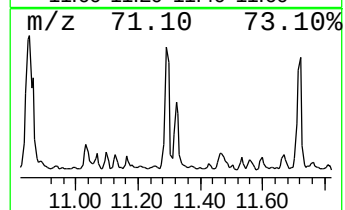
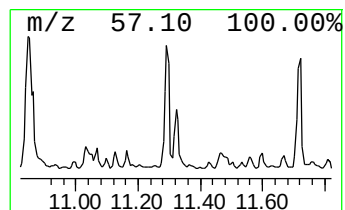
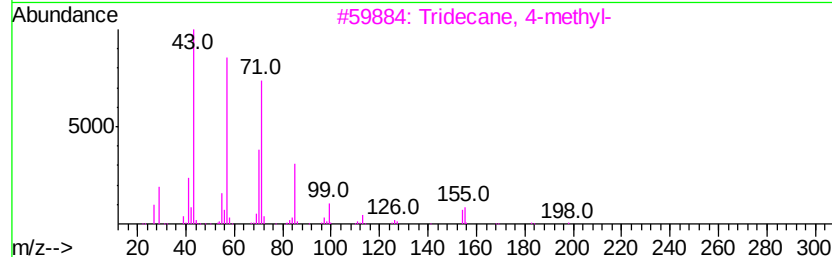
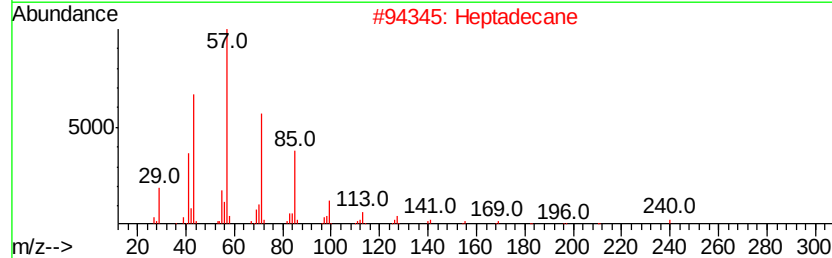
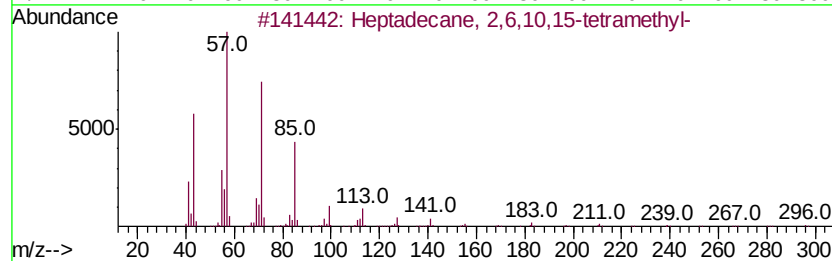
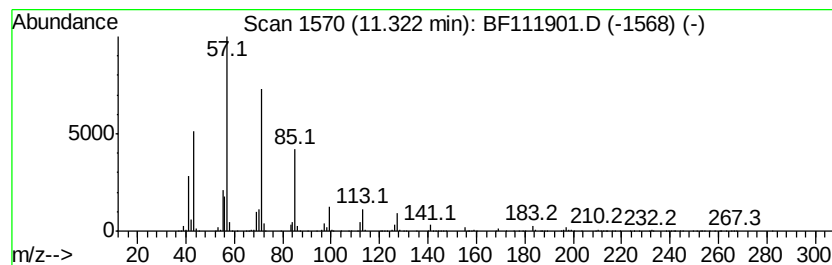
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6,10,15-tetr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	48.91 ng	2901410	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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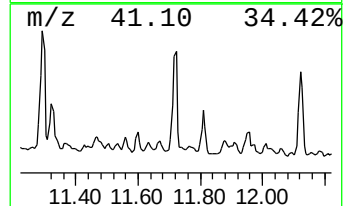
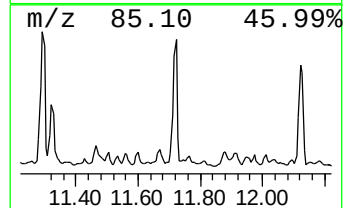
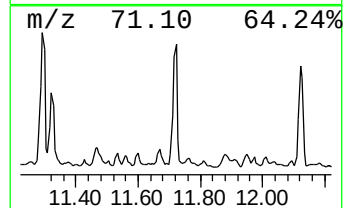
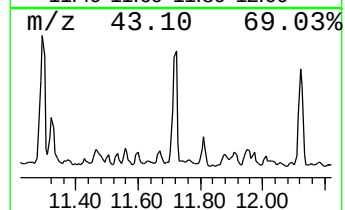
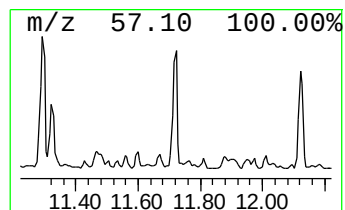
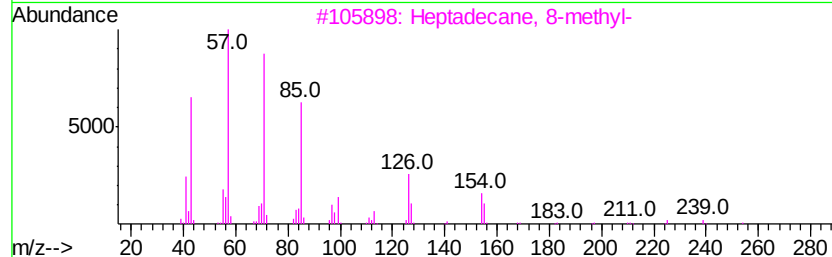
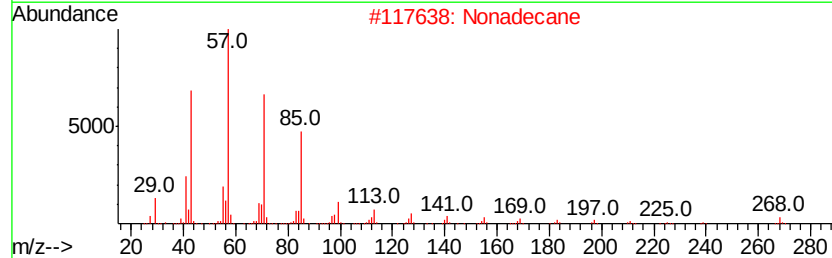
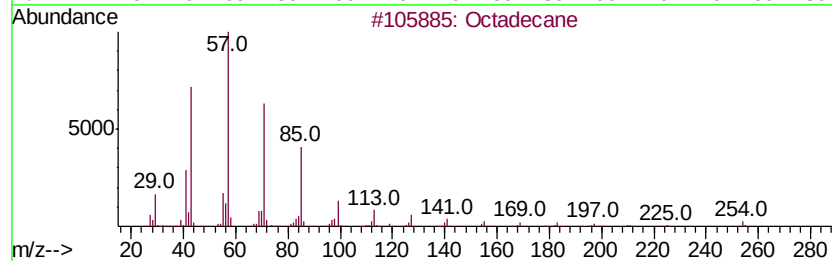
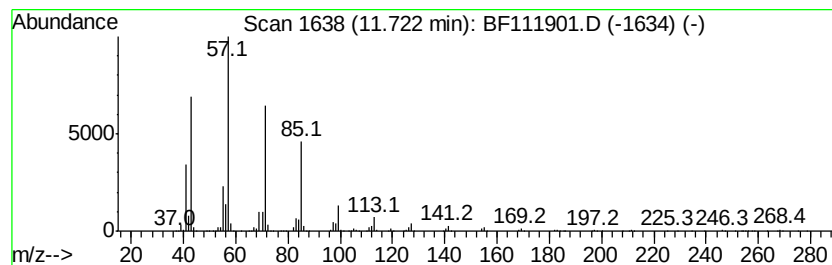
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	81.21 ng	4817100	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	96
2		Nonadecane	268	C19H40	000629-92-5	94
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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ClientSampleId :
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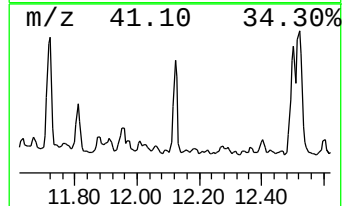
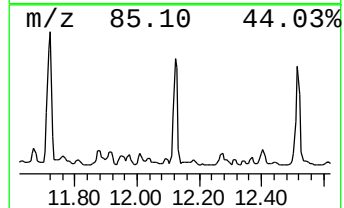
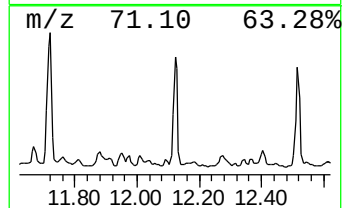
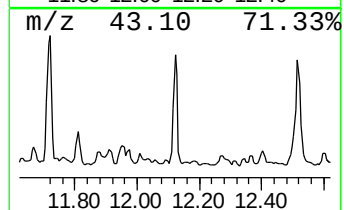
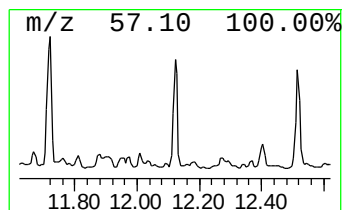
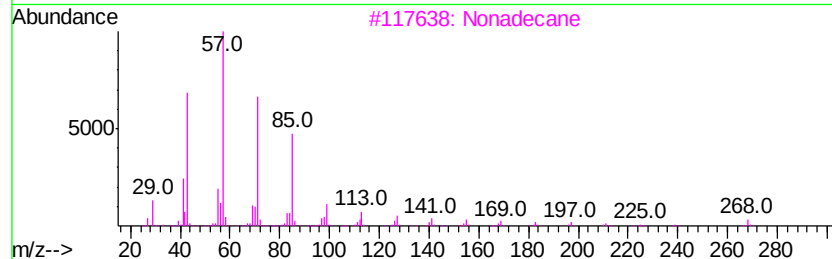
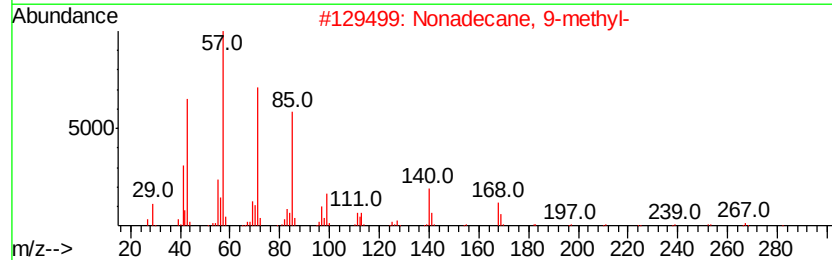
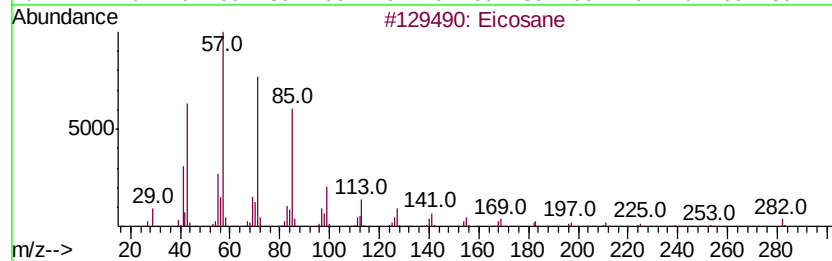
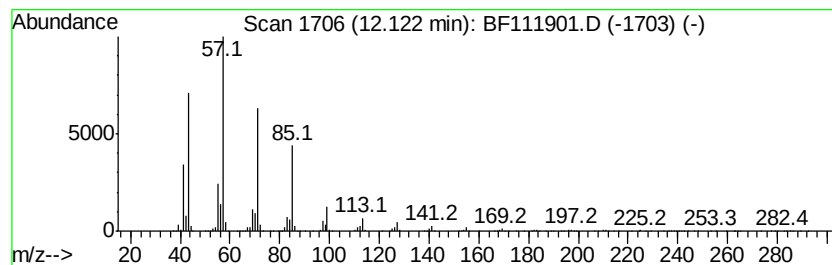
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	68.09 ng	4039060	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3		Nonadecane	268	C19H40	000629-92-5	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
Acq On : 8 Jan 2019 2:31
Operator : JU/SJ
Sample : K1064-05 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1419-W

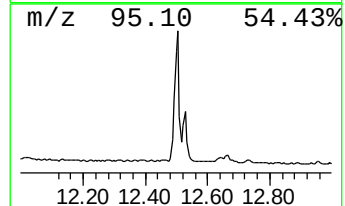
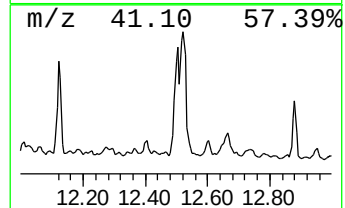
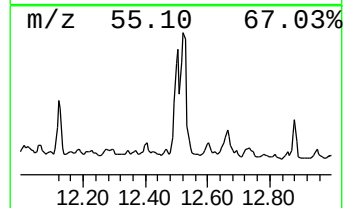
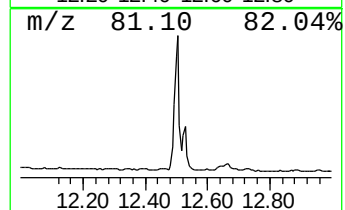
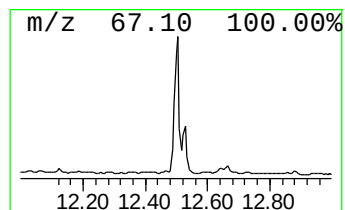
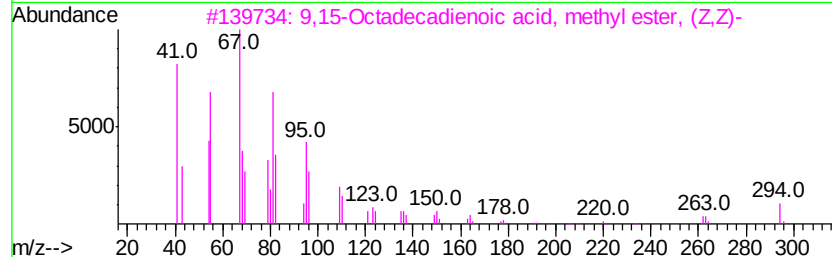
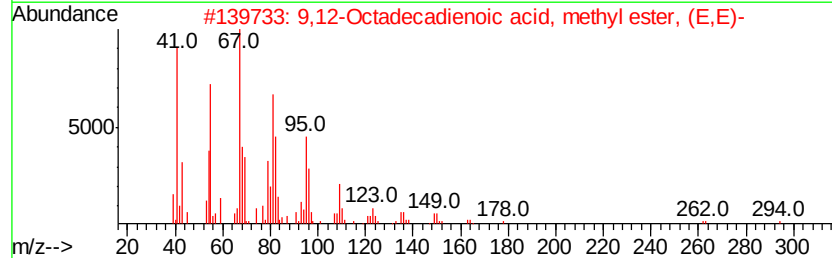
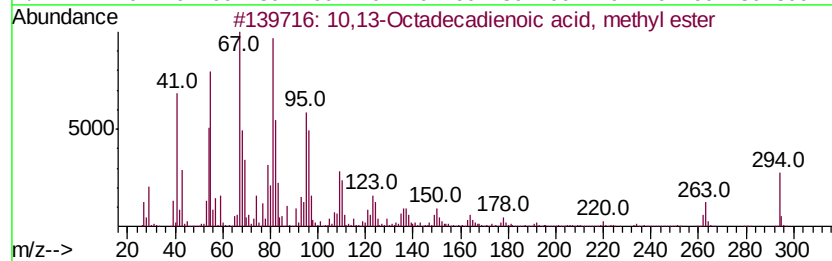
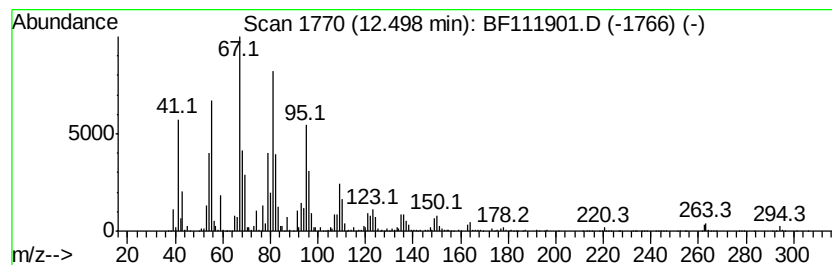
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 10,13-Octadecadienoic acid,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	126.69 ng	7514910	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3		9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99
4		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
Acq On : 8 Jan 2019 2:31
Operator : JU/SJ
Sample : K1064-05 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1419-W

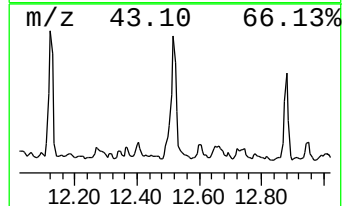
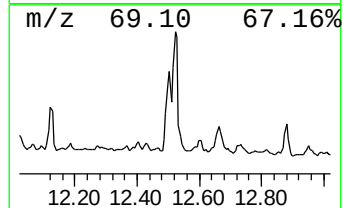
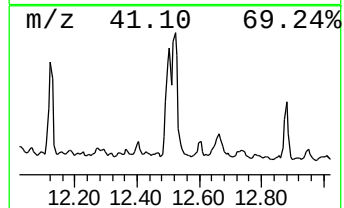
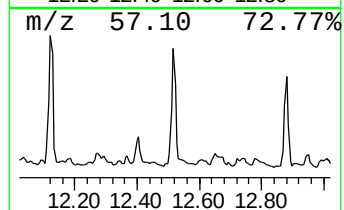
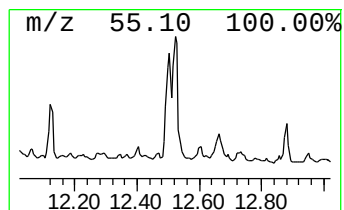
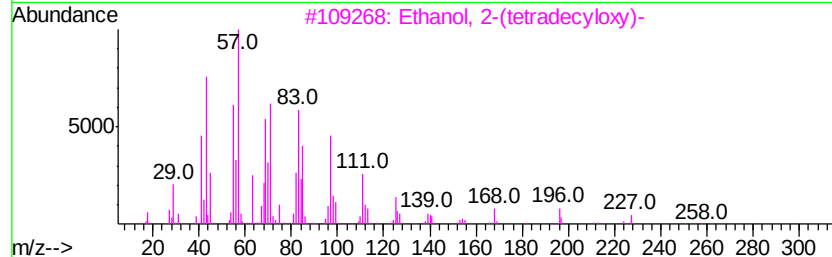
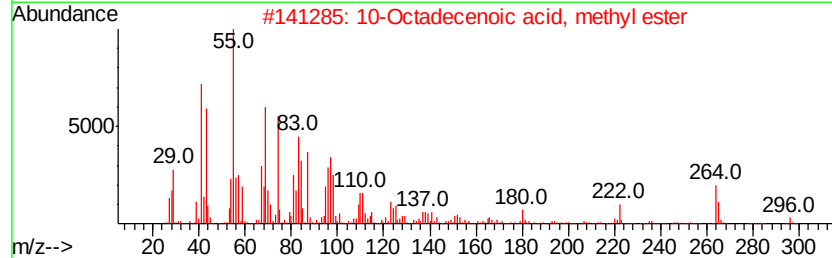
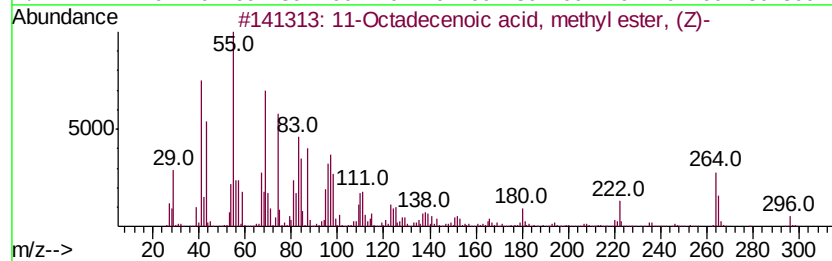
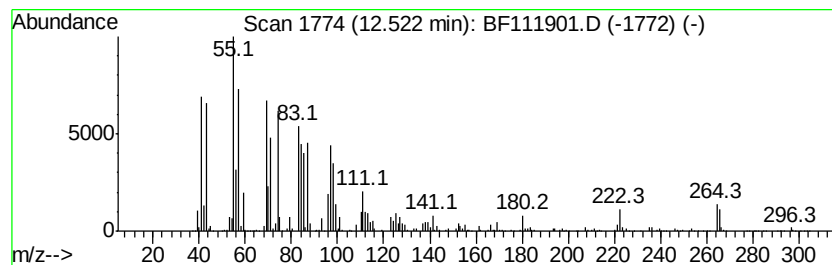
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 11-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	139.55 ng	8277690	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	89
2		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	89
3		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	86
4		12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	86
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111901.D
Acq On : 8 Jan 2019 2:31
Operator : JU/SJ
Sample : K1064-05 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-1419-W

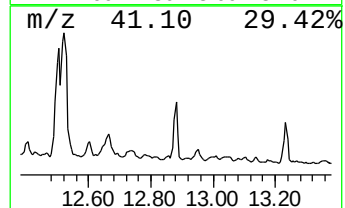
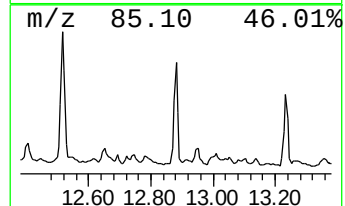
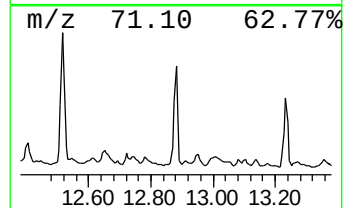
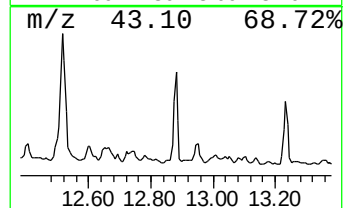
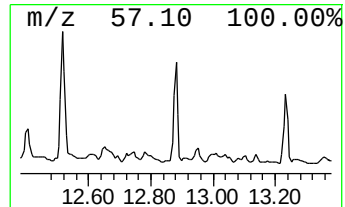
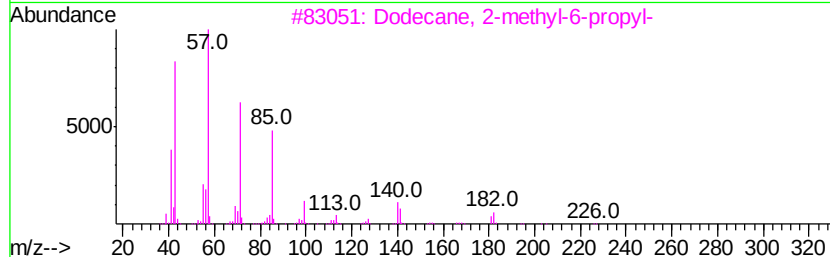
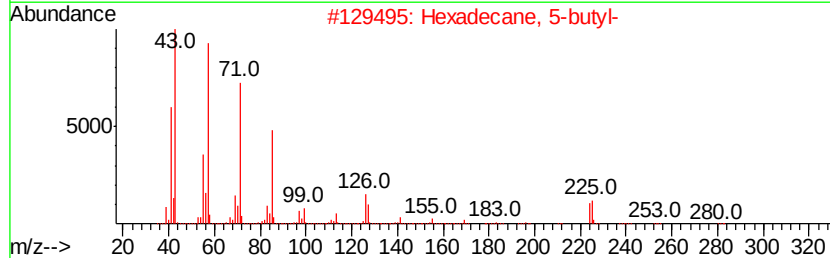
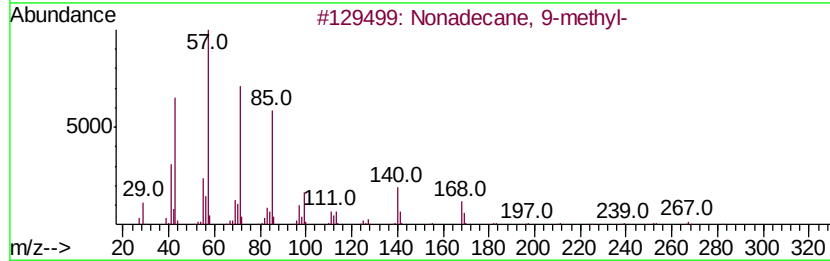
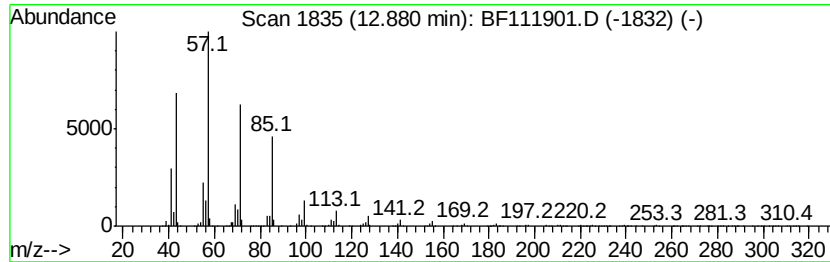
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Nonadecane, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	47.90 ng	2723530	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Hexadecane, 5-butyl-	282	C20H42	006912-07-8	93
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4		Tetracosane	338	C24H50	000646-31-1	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
 Data File : BF111901.D
 Acq On : 8 Jan 2019 2:31
 Operator : JU/SJ
 Sample : K1064-05 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1419-W

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
Nonane	5.81	50.6	ng	2965130	1	6.89	1171550	20.0
Ethanol, 2-butoxy-	5.87	119.9	ng	7024010	1	6.89	1171550	20.0
Benzene, 1-ethyl-...	6.43	57.0	ng	3340360	1	6.89	1171550	20.0
Decane	6.74	149.5	ng	8758840	1	6.89	1171550	20.0
Benzene, 1-methyl...	7.17	57.4	ng	3360090	1	6.89	1171550	20.0
Benzene, 1,4-diet...	7.22	65.3	ng	3824220	1	6.89	1171550	20.0
Undecane	7.50	134.6	ng	7883620	1	6.89	1171550	20.0
Tritetracontane	9.66	75.4	ng	4625950	3	9.94	1226380	20.0
Tridecane	9.87	124.1	ng	7607830	3	9.94	1226380	20.0
Tridecane, 7-propyl-	10.19	50.4	ng	3090110	3	9.94	1226380	20.0
Bacchotricuneatin c	10.37	130.5	ng	7999910	3	9.94	1226380	20.0
Tridecane, 3-methyl-	10.59	68.9	ng	4227100	3	9.94	1226380	20.0
Heptadecane	10.85	152.2	ng	9027720	4	11.42	1186370	20.0
Hexadecane	11.29	99.8	ng	5921100	4	11.42	1186370	20.0
Heptadecane, 2,6,...	11.32	48.9	ng	2901410	4	11.42	1186370	20.0
Octadecane	11.72	81.2	ng	4817100	4	11.42	1186370	20.0
Eicosane	12.12	68.1	ng	4039060	4	11.42	1186370	20.0
10,13-Octadecadie...	12.50	126.7	ng	7514910	4	11.42	1186370	20.0
11-Octadecenoic a...	12.52	139.6	ng	8277690	4	11.42	1186370	20.0
Nonadecane, 9-met...	12.88	47.9	ng	2723530	5	14.06	1137090	20.0