

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
 Data File : BF113268.D
 Acq On : 24 Mar 2019 15:20
 Operator : JU/SJ
 Sample : K2071-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

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-BF022719.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	5.328	546	551	560	rVB	3341465	3401987	41.06%	1.603%
2	6.363	722	727	734	rBV	3342976	4036596	48.72%	1.902%
3	6.486	744	748	752	rVB	3852315	3760562	45.39%	1.772%
4	6.563	757	761	766	rVB2	996147	964589	11.64%	0.454%
5	6.716	784	787	789	rVV	893470	819823	9.90%	0.386%
6	6.739	789	791	795	rVB2	732576	671163	8.10%	0.316%
7	6.792	795	800	807	rBV	1406166	2322988	28.04%	1.095%
8	6.869	810	813	817	rVB	3199100	3108592	37.52%	1.465%
9	6.998	832	835	838	rVB2	620338	754927	9.11%	0.356%
10	7.039	838	842	844	rBV2	726275	699524	8.44%	0.330%
11	7.110	851	854	857	rBV	1112082	1043771	12.60%	0.492%
12	7.280	874	883	885	rBV3	2307704	3308333	39.93%	1.559%
13	7.328	888	891	893	rVB	2805591	2204344	26.61%	1.039%
14	7.375	893	899	902	rVB4	1039549	1352516	16.33%	0.637%
15	7.439	907	910	914	rVB3	814346	733635	8.86%	0.346%
16	7.528	920	925	929	rVB3	1200263	1776223	21.44%	0.837%
17	7.639	940	944	946	rBV3	522413	677309	8.18%	0.319%
18	7.692	950	953	956	rBV2	818291	882012	10.65%	0.416%
19	7.728	956	959	963	rBV3	1053647	1398184	16.88%	0.659%
20	7.763	963	965	969	rVB2	985832	1179657	14.24%	0.556%
21	7.875	981	984	986	rBV	803208	733442	8.85%	0.346%
22	7.910	987	990	992	rVV	847831	764077	9.22%	0.360%
23	7.963	993	999	1001	rVV3	1155577	1751736	21.14%	0.825%
24	7.998	1001	1005	1007	rVV2	5391164	5879623	70.97%	2.770%
25	8.033	1007	1011	1012	rVV2	979186	1452882	17.54%	0.685%
26	8.051	1012	1014	1016	rVV2	979186	1084931	13.10%	0.511%
27	8.075	1016	1018	1020	rVV	2047733	1679281	20.27%	0.791%
28	8.098	1020	1022	1025	rVV2	853864	926523	11.18%	0.437%
29	8.180	1029	1036	1037	rBV4	994085	1458598	17.61%	0.687%
30	8.198	1037	1039	1044	rVV2	1305298	1591251	19.21%	0.750%
31	8.245	1044	1047	1051	rVV4	1101418	1223341	14.77%	0.576%
32	8.298	1051	1056	1059	rVV6	1723038	2786575	33.64%	1.313%
33	8.327	1059	1061	1063	rVV3	1049456	932925	11.26%	0.440%
34	8.357	1063	1066	1069	rVV3	1373670	1289329	15.56%	0.608%

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35	8.392	1069	1072	1076	rVV5	1740005	1918806	23.16%	0.904%
36	8.439	1076	1080	1084	rVV3	2446239	3360878	40.57%	1.584%
37	8.504	1088	1091	1095	rBV2	2102404	2330384	28.13%	1.098%
38	8.551	1095	1099	1100	rVV3	611391	856022	10.33%	0.403%
39	8.610	1104	1109	1112	rVV	5367017	6400554	77.26%	3.016%
40	8.663	1115	1118	1120	rVV2	2104728	2195336	26.50%	1.034%
41	8.698	1121	1124	1127	rVB2	1410972	1657693	20.01%	0.781%
42	8.763	1131	1135	1137	rBV4	527098	869685	10.50%	0.410%
43	8.804	1139	1142	1143	rVV2	644705	699016	8.44%	0.329%
44	8.827	1143	1146	1149	rVV	3439251	3996137	48.24%	1.883%
45	8.863	1150	1152	1154	rVV	1296400	1066000	12.87%	0.502%
46	8.886	1154	1156	1158	rVV3	1551606	1484348	17.92%	0.699%
47	8.910	1158	1160	1163	rVV4	1198531	1555091	18.77%	0.733%
48	8.939	1163	1165	1168	rVV3	1482230	1963086	23.70%	0.925%
49	8.969	1168	1170	1174	rVV	2257881	1895440	22.88%	0.893%
50	9.010	1174	1177	1179	rVV2	1325645	1206908	14.57%	0.569%
51	9.039	1179	1182	1185	rVV2	2773937	2807842	33.89%	1.323%
52	9.074	1185	1188	1193	rVV	3243205	3508248	42.35%	1.653%
53	9.174	1199	1205	1208	rBV	5333041	6679747	80.63%	3.147%
54	9.233	1209	1215	1217	rVV2	2332878	3133448	37.82%	1.476%
55	9.333	1228	1232	1234	rBV4	1627240	1935333	23.36%	0.912%
56	9.398	1239	1243	1244	rVV4	1099147	1350239	16.30%	0.636%
57	9.422	1244	1247	1248	rVV2	1869865	2107457	25.44%	0.993%
58	9.439	1248	1250	1253	rVV2	1967634	2245918	27.11%	1.058%
59	9.492	1253	1259	1260	rVV5	2910605	4705506	56.80%	2.217%
60	9.510	1260	1262	1264	rVV	2668291	2311696	27.90%	1.089%
61	9.545	1264	1268	1271	rVB3	2064399	2440179	29.45%	1.150%
62	9.704	1291	1295	1298	rVB	5576791	5752257	69.43%	2.710%
63	9.751	1298	1303	1307	rBV6	1332954	2568036	31.00%	1.210%
64	9.863	1319	1322	1326	rVB2	1197547	1658627	20.02%	0.782%
65	9.933	1330	1334	1336	rVV3	1360611	2286445	27.60%	1.077%
66	9.957	1336	1338	1341	rVV2	2217122	2296241	27.72%	1.082%
67	9.998	1341	1345	1347	rVV2	1297268	2205683	26.62%	1.039%
68	10.021	1347	1349	1353	rVV4	2081713	2250469	27.16%	1.060%
69	10.057	1353	1355	1356	rVV	955034	749218	9.04%	0.353%
70	10.074	1356	1358	1361	rVV3	1171386	1565635	18.90%	0.738%
71	10.127	1365	1367	1372	rVV5	692303	1139685	13.76%	0.537%

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72	10.204	1375	1380	1383	rVV	5468048	6522192	78.73%	3.073%
73	10.251	1386	1388	1392	rVB3	946928	971259	11.72%	0.458%
74	10.321	1397	1400	1403	rVV4	875302	1162771	14.04%	0.548%
75	10.363	1405	1407	1409	rVB2	980945	804264	9.71%	0.379%
76	10.416	1409	1416	1419	rBV	3024840	4314808	52.08%	2.033%
77	10.469	1423	1425	1428	rVB2	1156359	884125	10.67%	0.417%
78	10.498	1428	1430	1433	rBV2	1321482	1284147	15.50%	0.605%
79	10.539	1433	1437	1441	rVB3	1884262	2860899	34.53%	1.348%
80	10.674	1456	1460	1466	rBV	4934459	8284479	100.00%	3.904%
81	10.874	1489	1494	1496	rBV3	1213412	1821636	21.99%	0.858%
82	10.921	1500	1502	1505	rVB2	897564	813511	9.82%	0.383%
83	10.951	1505	1507	1510	rBV2	691923	676813	8.17%	0.319%
84	10.986	1510	1513	1518	rVB4	1169270	1579701	19.07%	0.744%
85	11.121	1532	1536	1538	rBV	4310490	4822050	58.21%	2.272%
86	11.145	1538	1540	1546	rVB	2647594	2915305	35.19%	1.374%
87	11.292	1562	1565	1569	rVV	631891	880488	10.63%	0.415%
88	11.421	1584	1587	1589	rVB	917154	676200	8.16%	0.319%
89	11.492	1597	1599	1602	rVB2	783874	722315	8.72%	0.340%
90	11.545	1604	1608	1611	rBV	4184956	4206744	50.78%	1.982%
91	11.698	1632	1634	1637	rBV	671790	831043	10.03%	0.392%
92	11.768	1643	1646	1649	rBV2	866021	891567	10.76%	0.420%
93	11.833	1654	1657	1663	rBV2	834507	1429278	17.25%	0.673%
94	11.951	1673	1677	1680	rBV	3514028	3726907	44.99%	1.756%
95	12.098	1699	1702	1708	rBV3	929198	1613229	19.47%	0.760%
96	12.315	1736	1739	1741	rBV	1542965	1724858	20.82%	0.813%
97	12.339	1741	1743	1746	rVB	3100586	2790436	33.68%	1.315%
98	12.480	1764	1767	1770	rBV2	982958	1406959	16.98%	0.663%
99	12.715	1804	1807	1809	rBV	1554780	1658555	20.02%	0.781%
100	12.821	1822	1825	1827	rBV	1811273	2150449	25.96%	1.013%

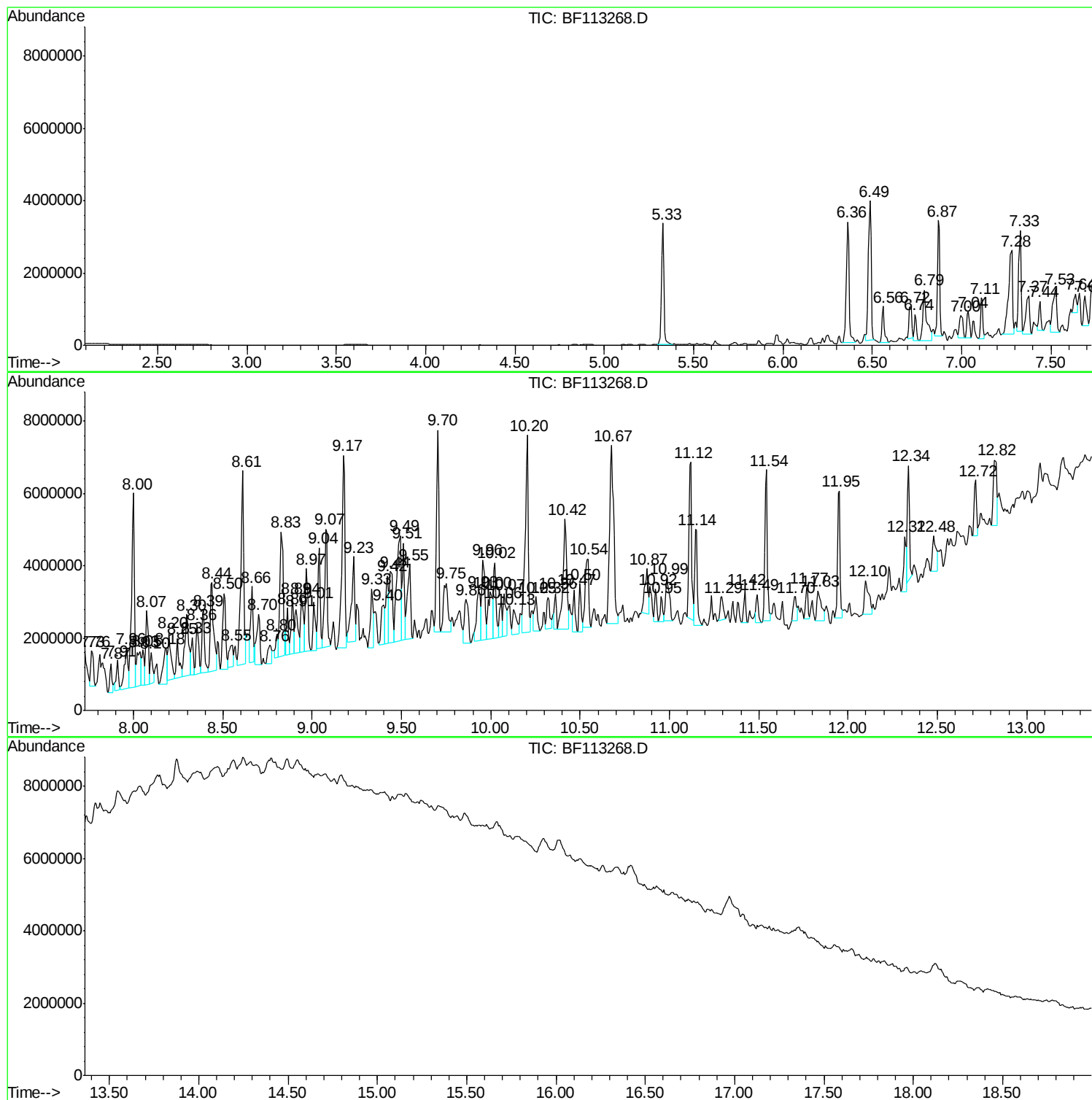
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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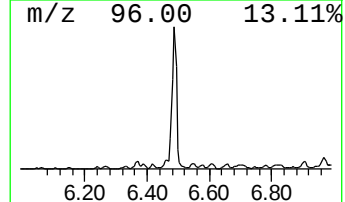
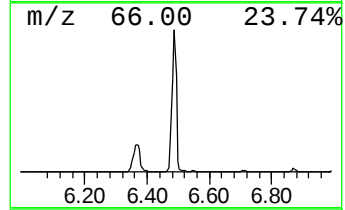
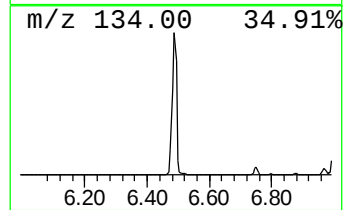
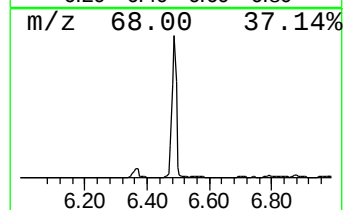
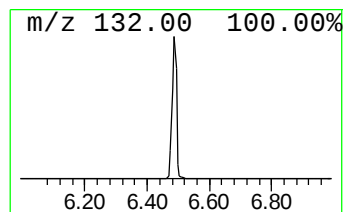
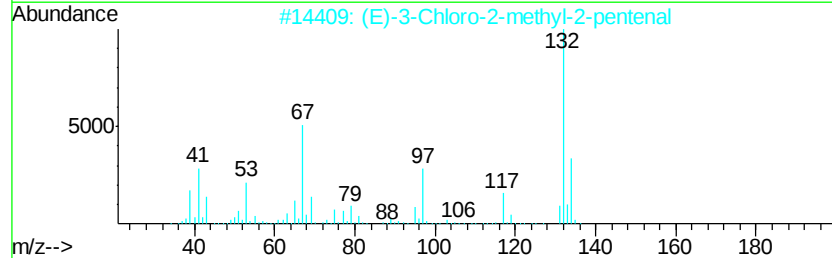
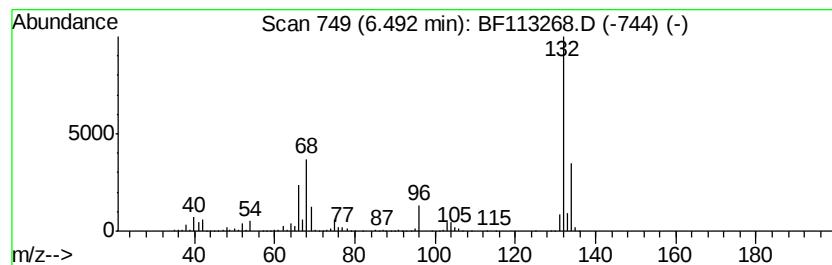
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 unknown6.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	91.74 ng	3760560	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	27
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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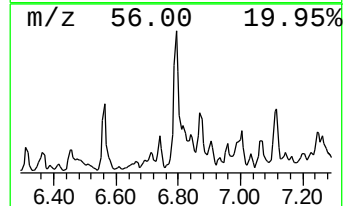
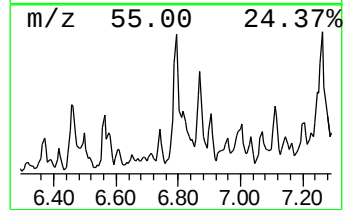
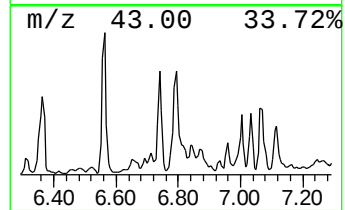
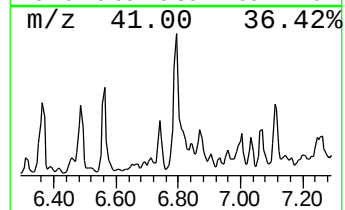
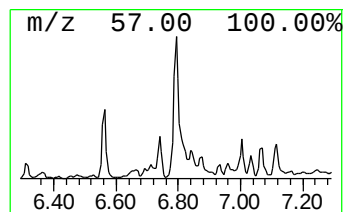
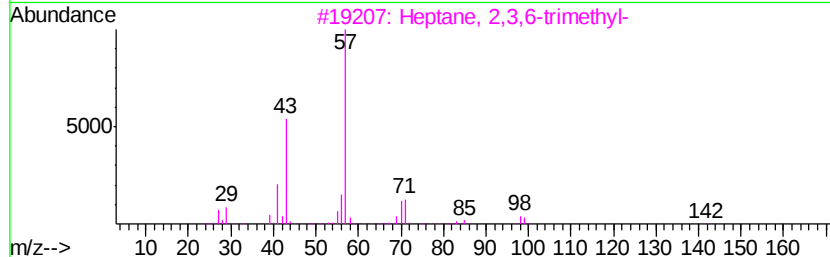
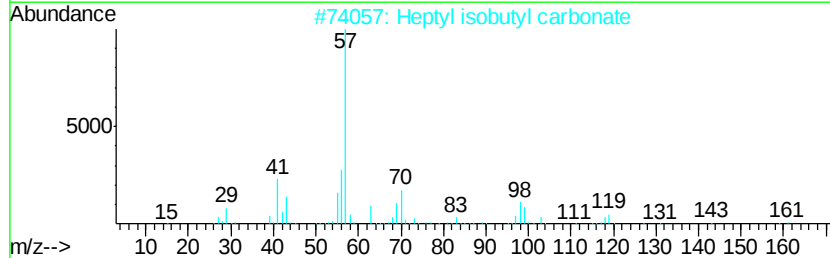
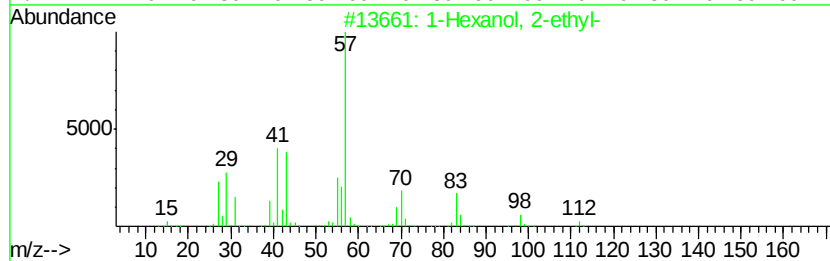
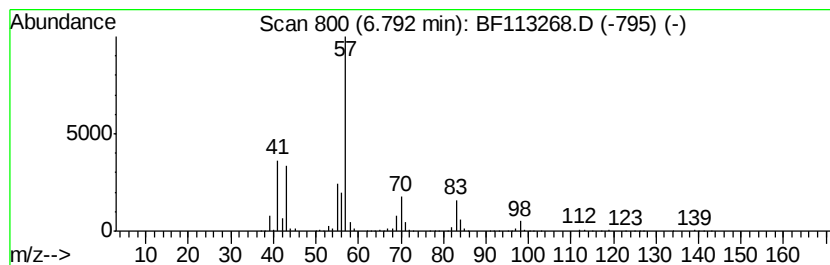
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	56.67 ng	2322990	1,4-Dichlorobenzene-d4	6.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	64
3			Heptane, 2,3,6-trimethyl-	142	C10H22	004032-93-3	53
4			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
5			Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50



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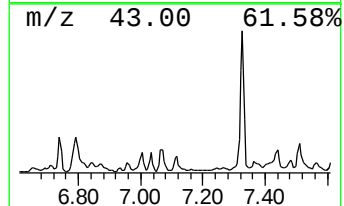
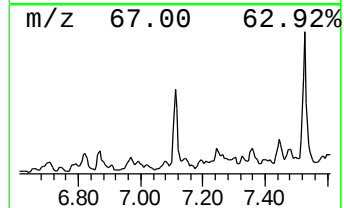
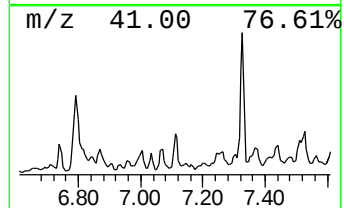
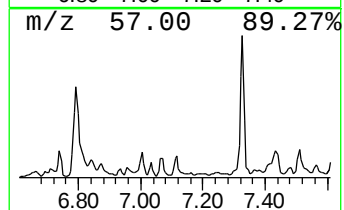
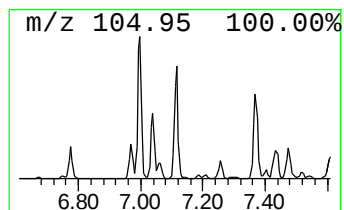
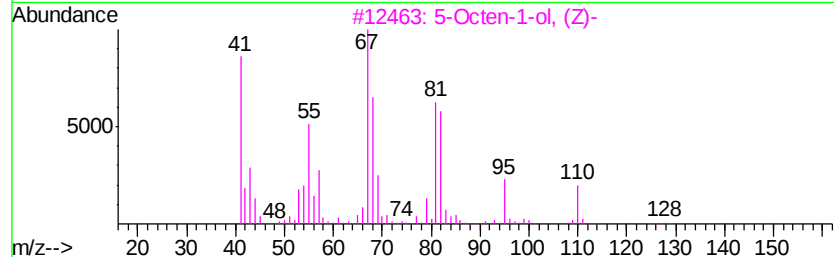
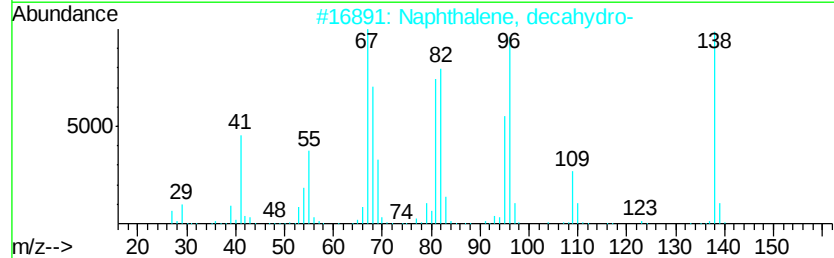
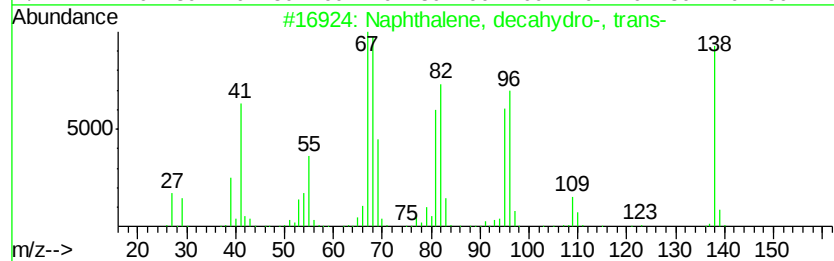
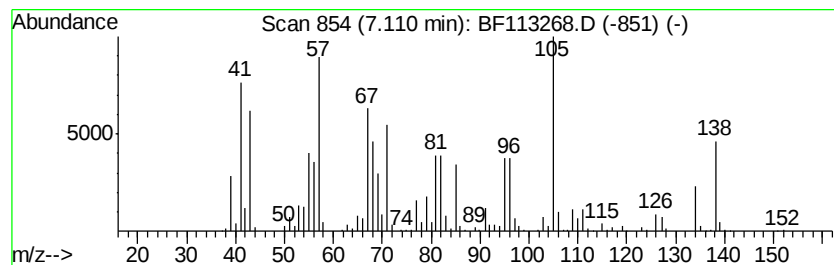
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	25.46 ng	1043770	1,4-Dichlorobenzene-d4	6.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	96
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	91
3		5-Octen-1-ol, (Z)-	128	C8H16O	064275-73-6	46
4		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	46
5		Bicyclo[2.2.1]heptane, 2-methyl-...	110	C8H14	000872-78-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Acq On : 24 Mar 2019 15:20
Operator : JU/SJ
Sample : K2071-01
Misc :
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Instrument :
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ClientSampleId :
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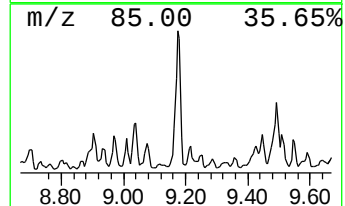
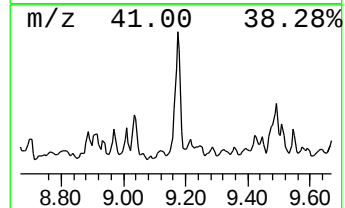
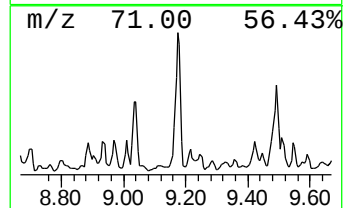
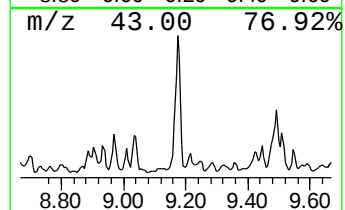
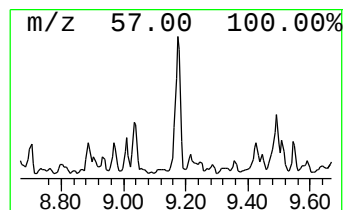
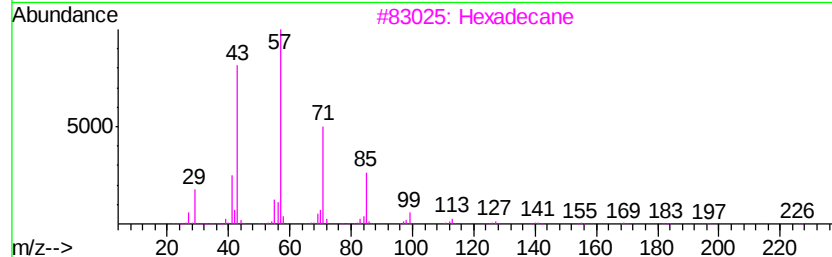
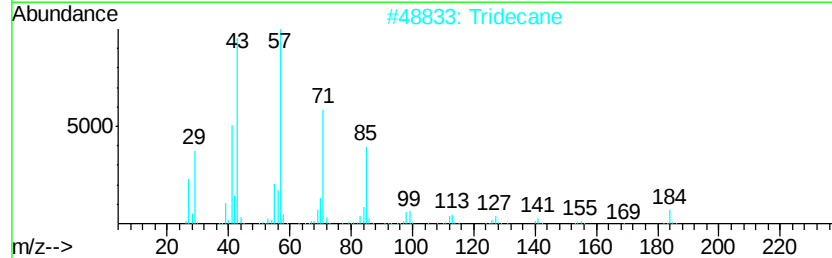
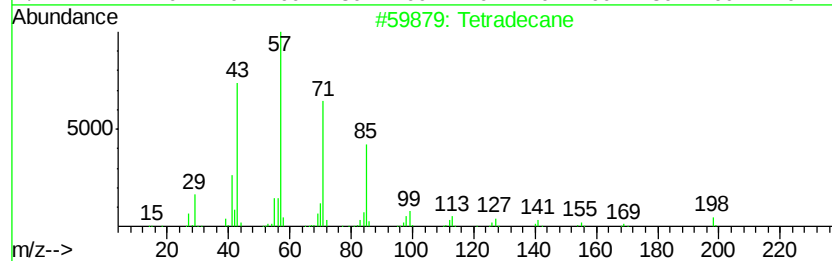
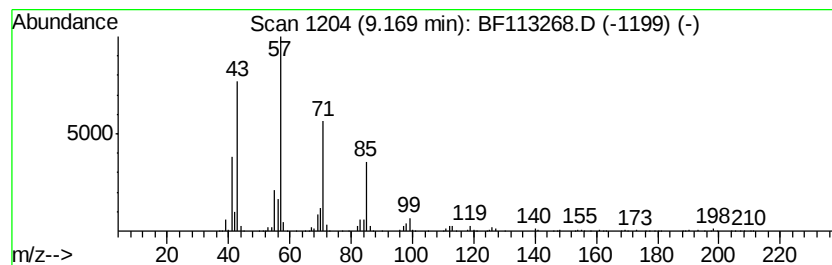
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	52.02 ng	6679750	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Tridecane	184	C13H28	000629-50-5	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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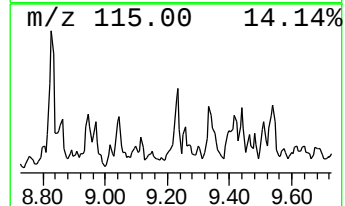
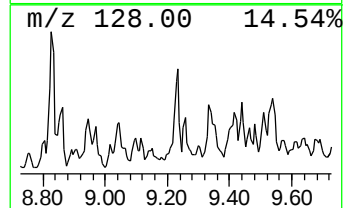
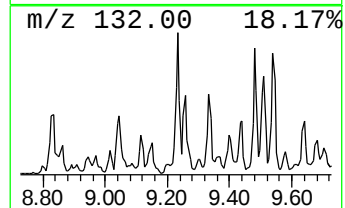
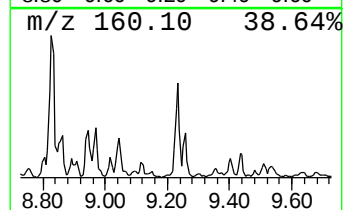
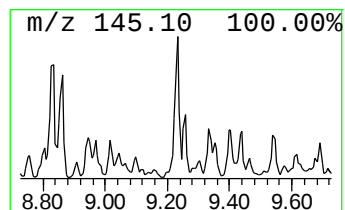
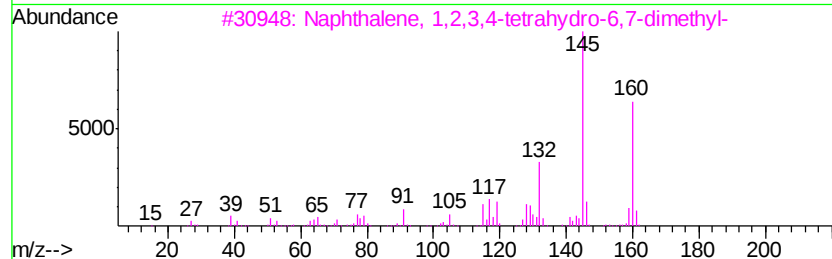
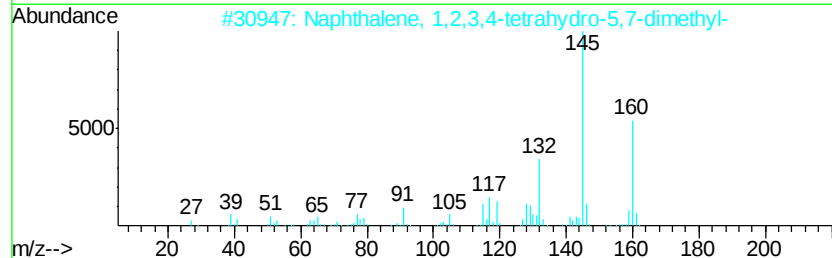
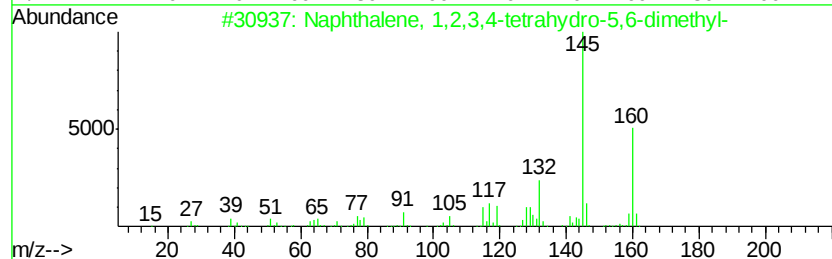
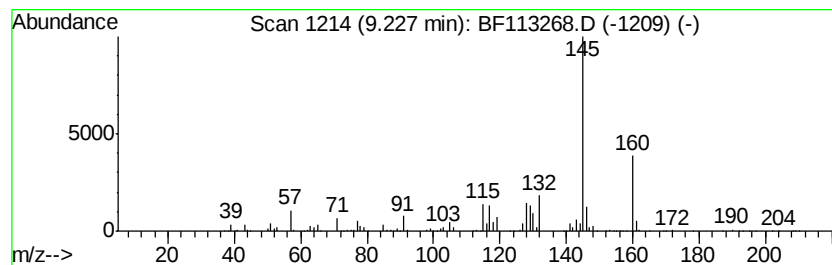
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	24.40 ng	3133450	Acenaphthene-d10	9.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	94
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	91
5		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Acq On : 24 Mar 2019 15:20
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Sample : K2071-01
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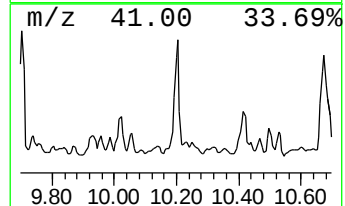
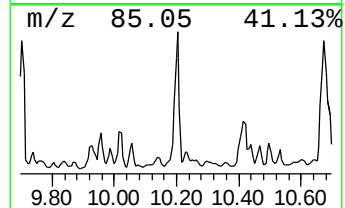
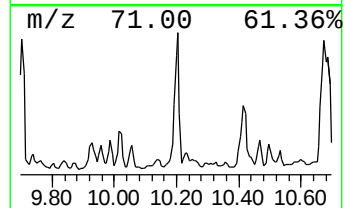
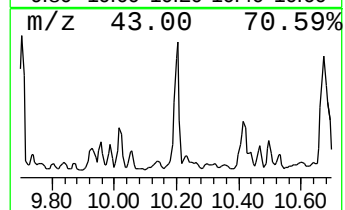
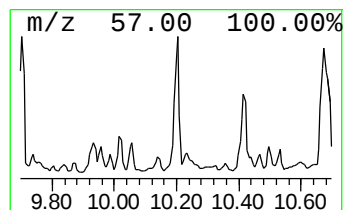
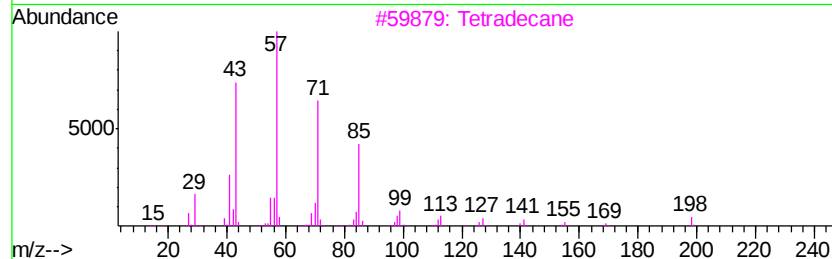
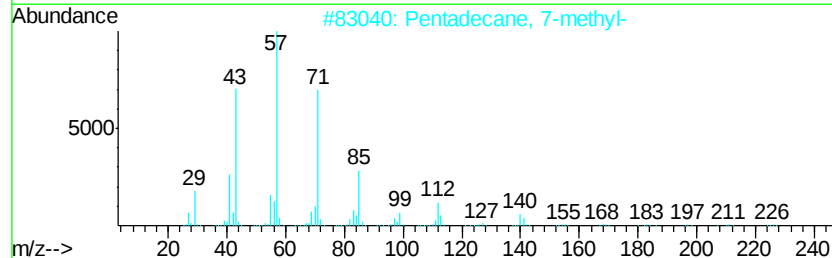
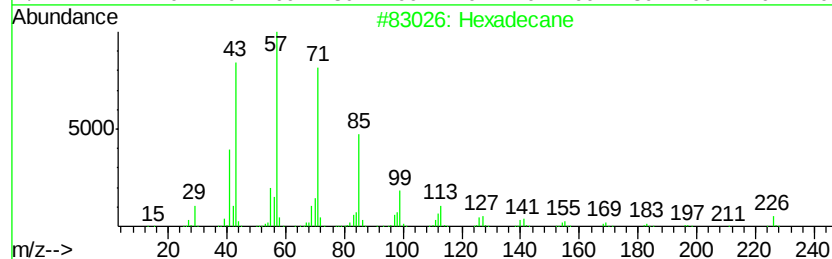
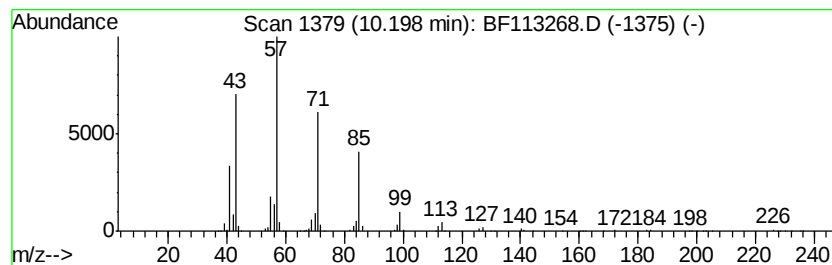
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	50.80 ng	6522190	Acenaphthene-d10	9.75
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	91
2	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87
3	Tetradecane	198 C14H30	000629-59-4	83
4	10-Methylnonadecane	282 C20H42	056862-62-5	83
5	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
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Sample : K2071-01
Misc :
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Instrument :
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ClientSampleId :
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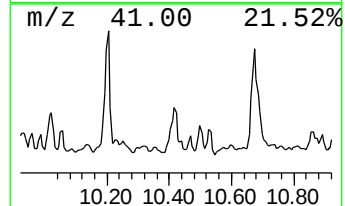
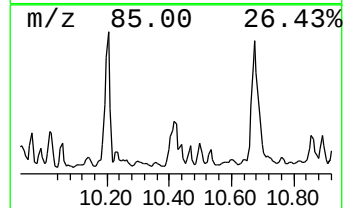
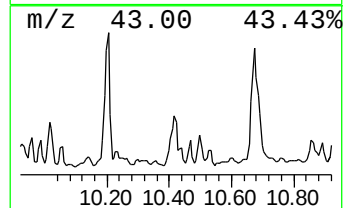
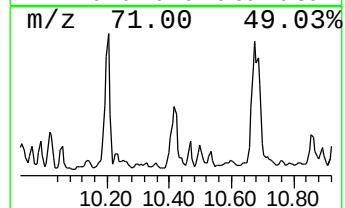
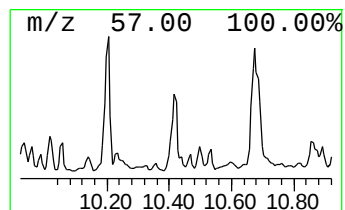
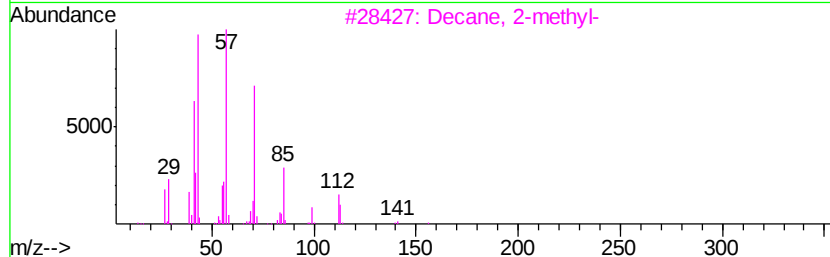
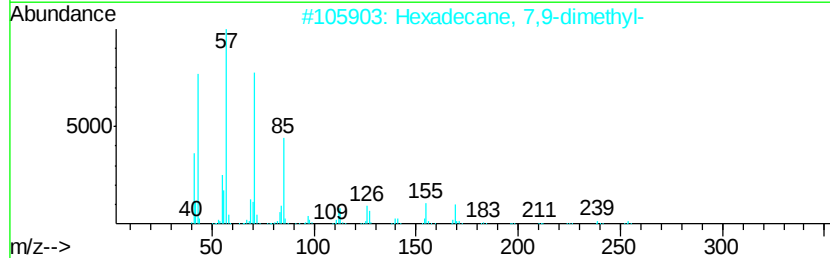
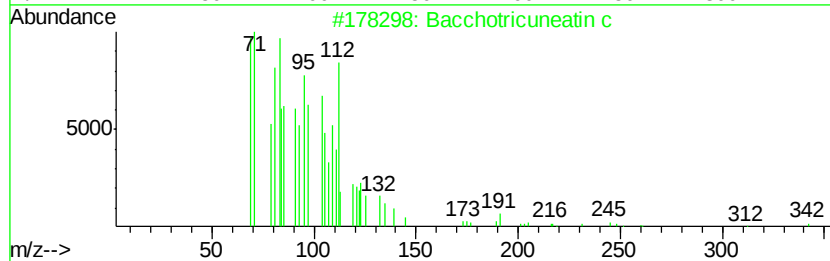
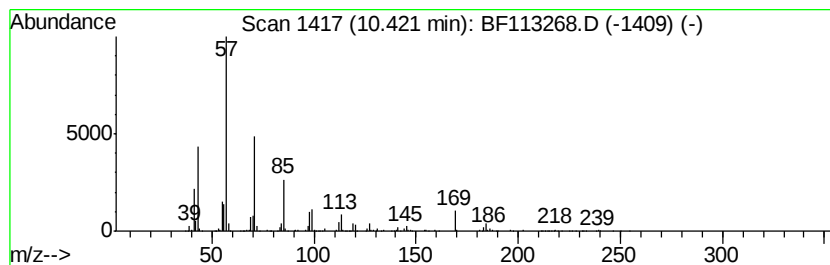
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Bacchotricuneatin c Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	33.60 ng	4314810	Acenaphthene-d10	9.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bacchotricuneatin c	342	C20H22O5	066563-30-2	90
2		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
3		Decane, 2-methyl-	156	C11H24	006975-98-0	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Acq On : 24 Mar 2019 15:20
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Sample : K2071-01
Misc :
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Instrument :
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ClientSampleId :
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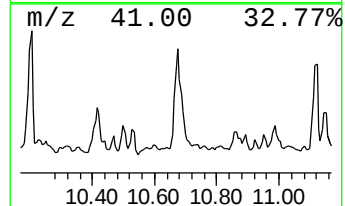
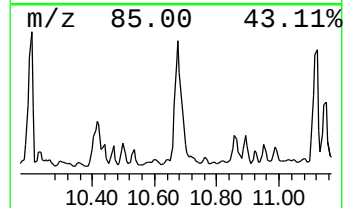
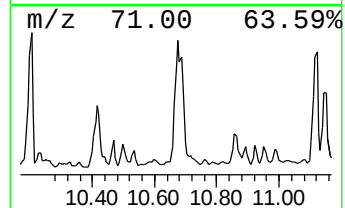
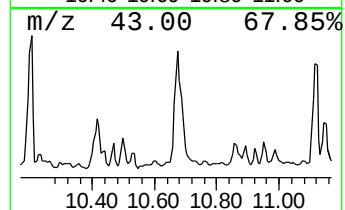
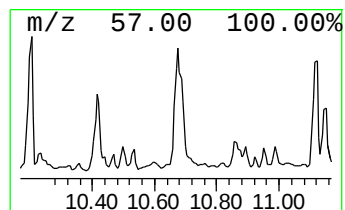
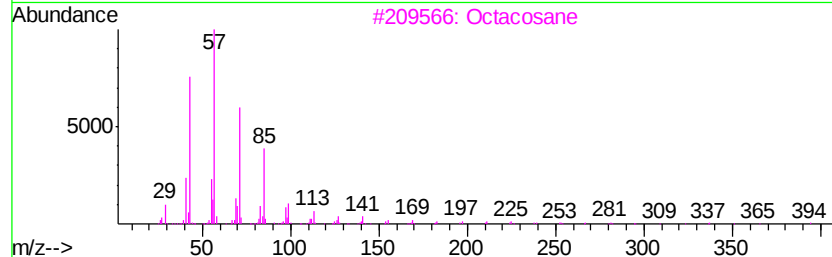
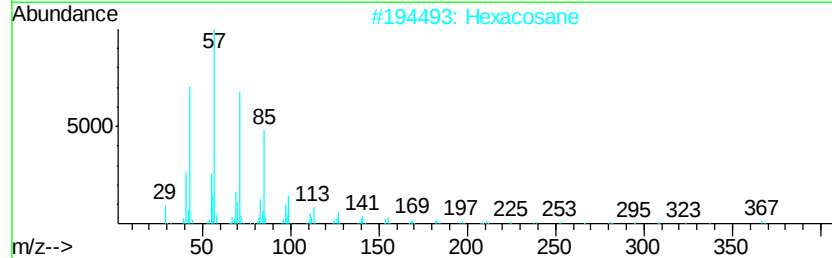
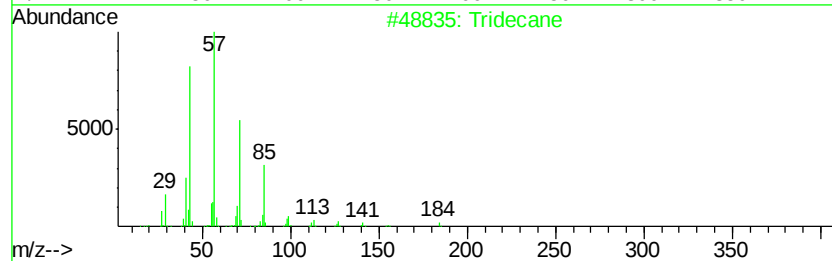
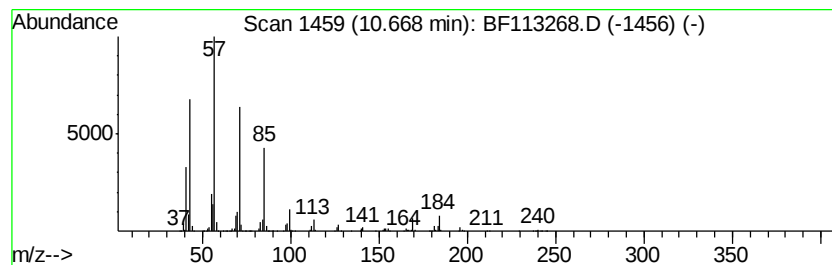
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	188.18 ng	8284480	Phenanthrene-d10	11.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Hexacosane		366	C26H54	000630-01-3	90
3	Octacosane		394	C28H58	000630-02-4	90
4	Tetradecane		198	C14H30	000629-59-4	90
5	Pentadecane		212	C15H32	000629-62-9	90



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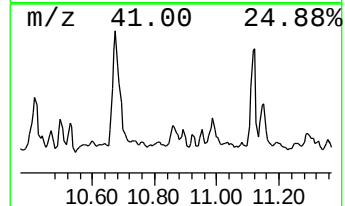
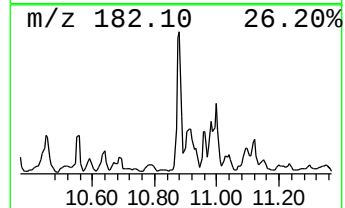
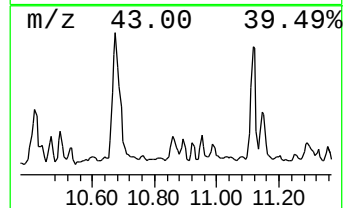
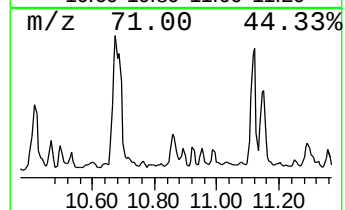
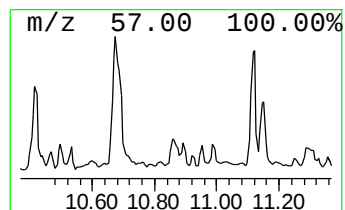
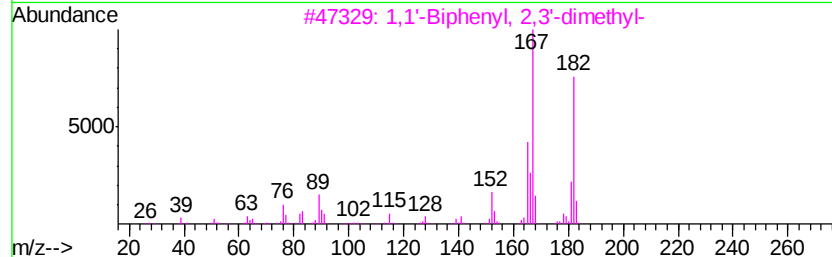
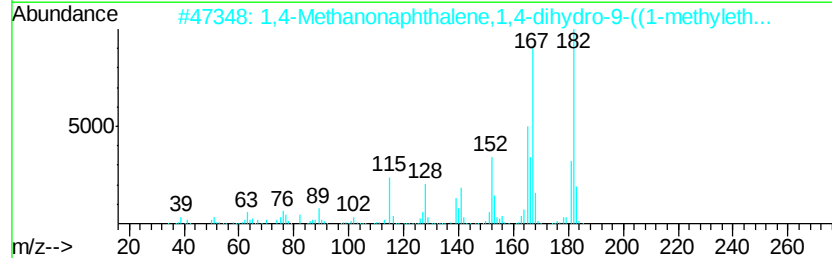
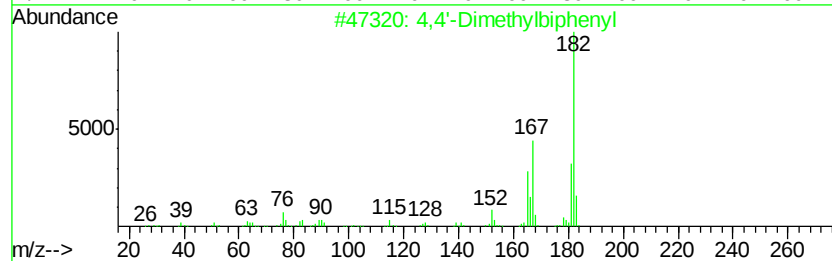
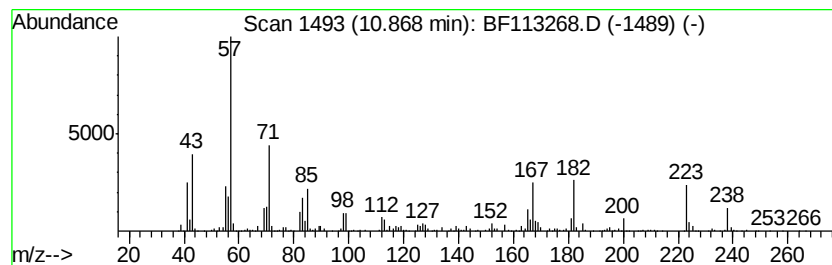
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4,4'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	41.38 ng	1821640	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	87
2		1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	81
3		1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	76
4		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	70
5		Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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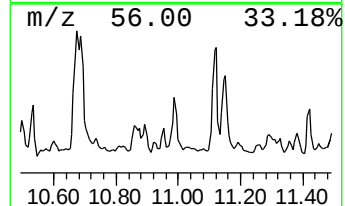
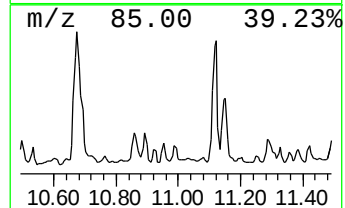
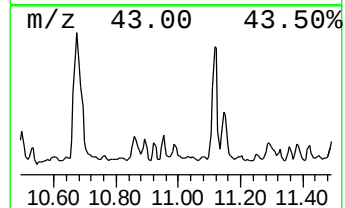
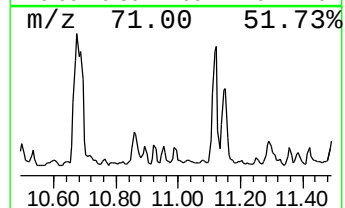
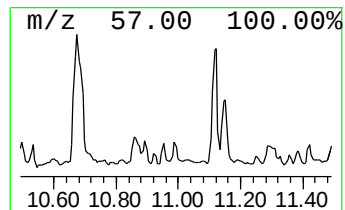
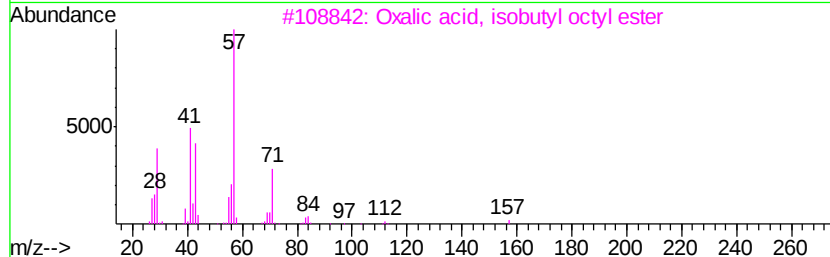
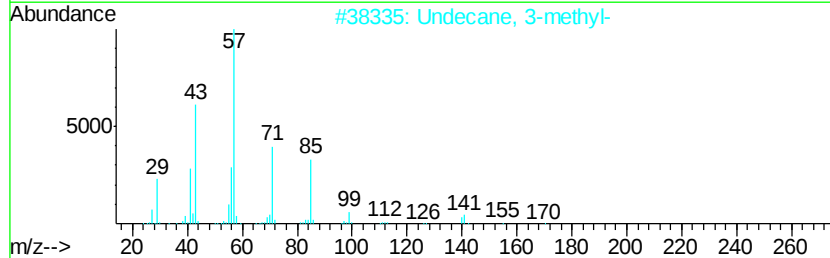
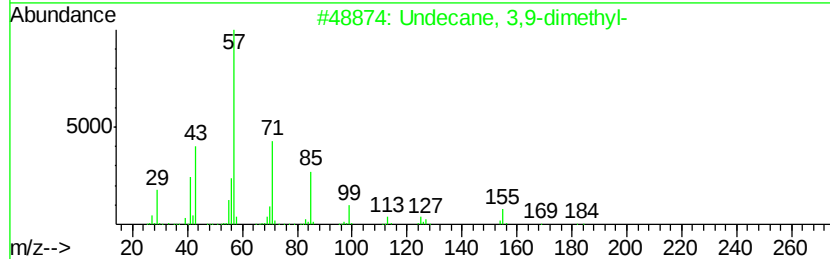
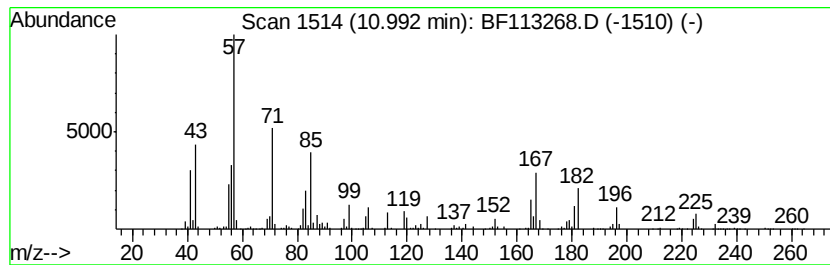
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown10.99 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	35.88 ng	1579700	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,9-dimethyl-	184	C13H28	017301-31-4	35
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	35
3		Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	35
4		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	30
5		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
Operator : JU/SJ
Sample : K2071-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DRUM-1

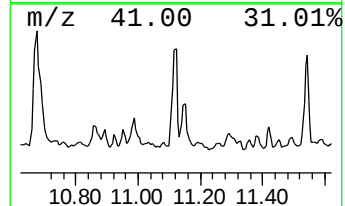
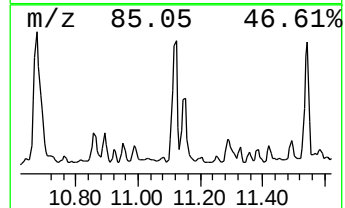
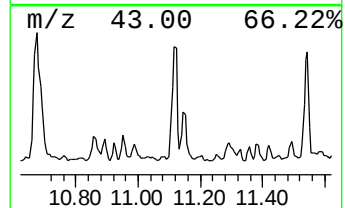
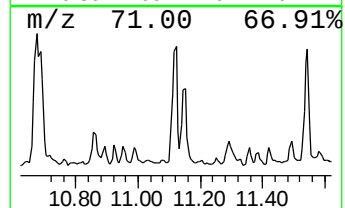
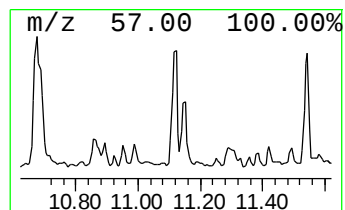
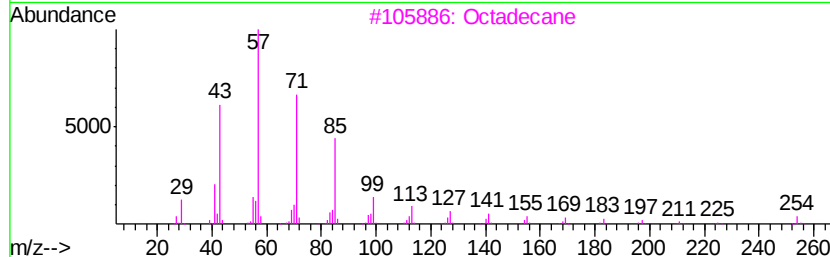
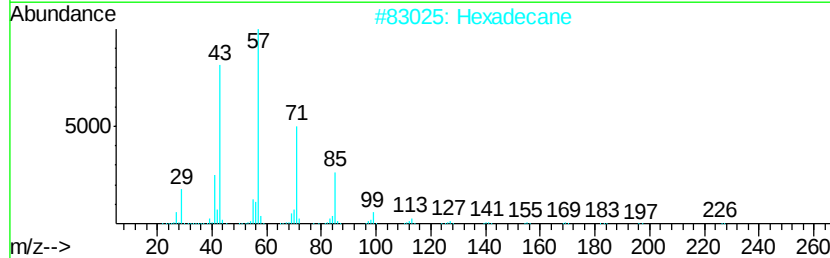
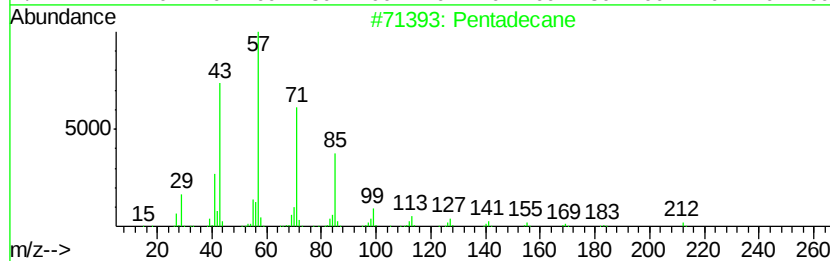
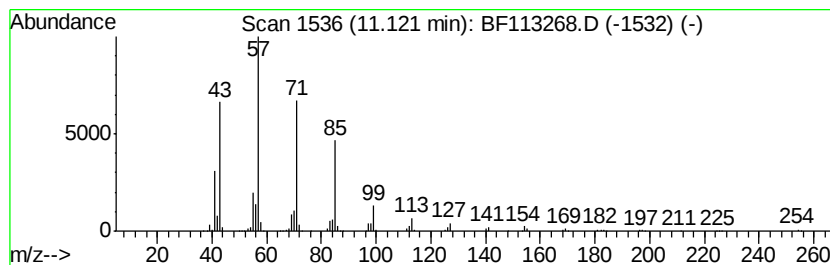
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	109.53 ng	4822050	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Octadecane	254	C18H38	000593-45-3	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Instrument :
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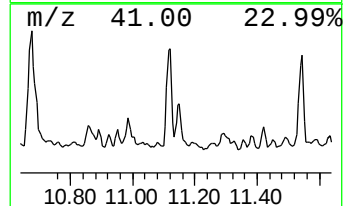
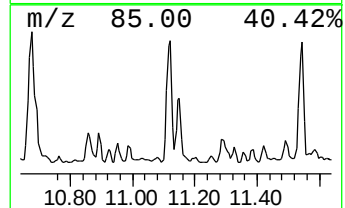
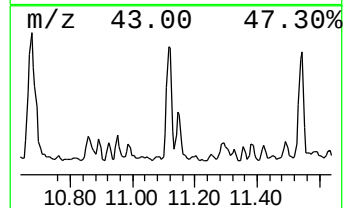
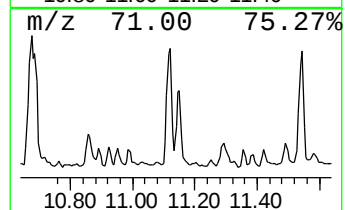
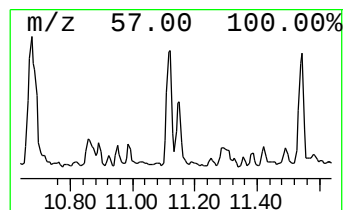
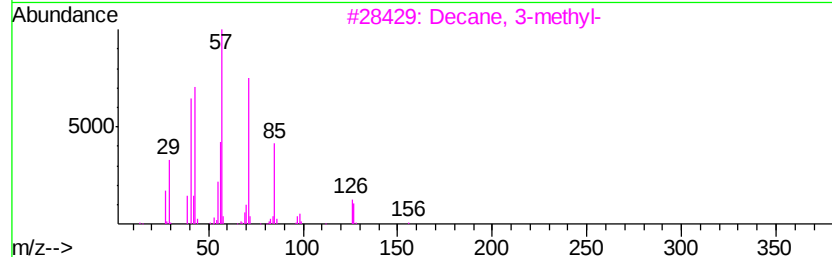
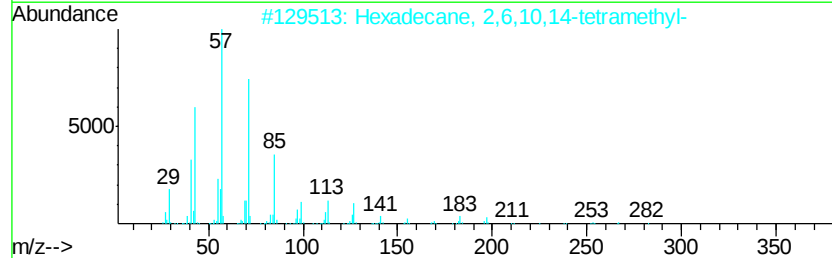
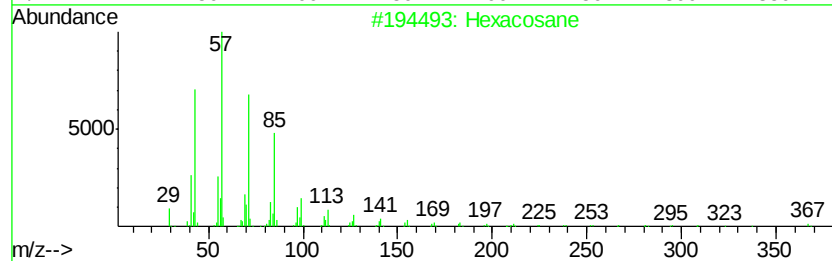
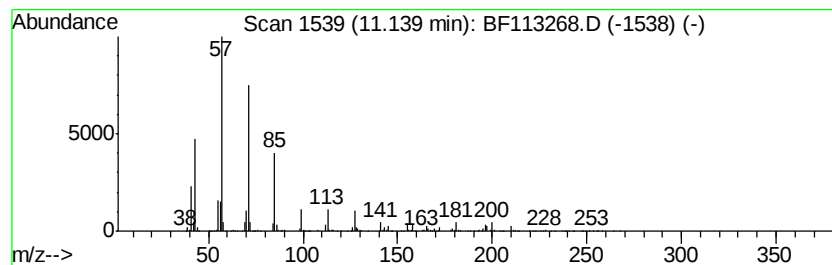
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 13 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.14	66.22 ng	2915310	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3		Decane, 3-methyl-	156	C11H24	013151-34-3	87
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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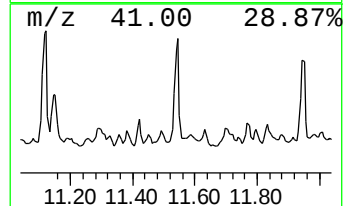
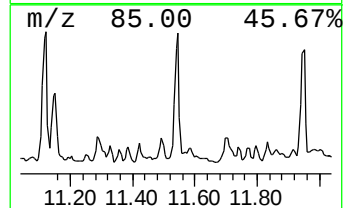
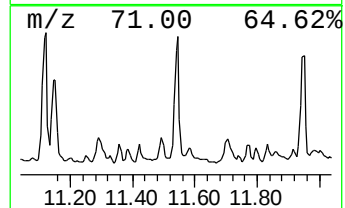
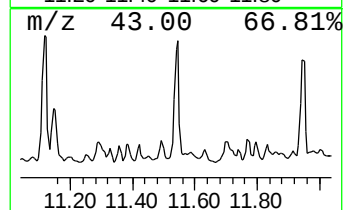
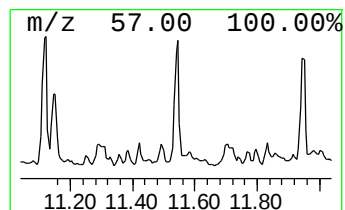
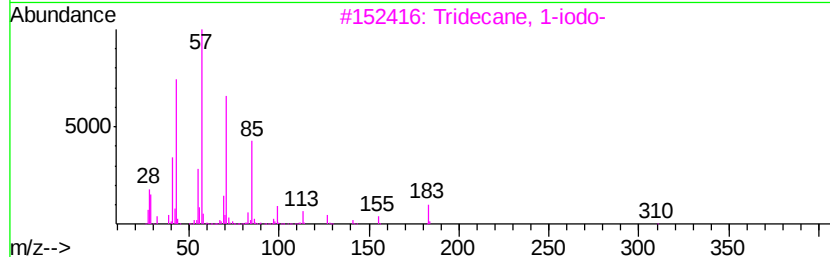
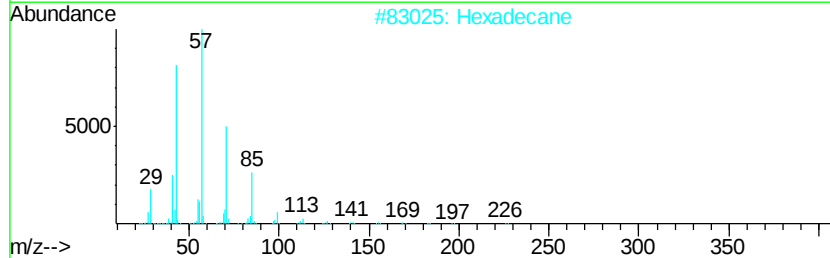
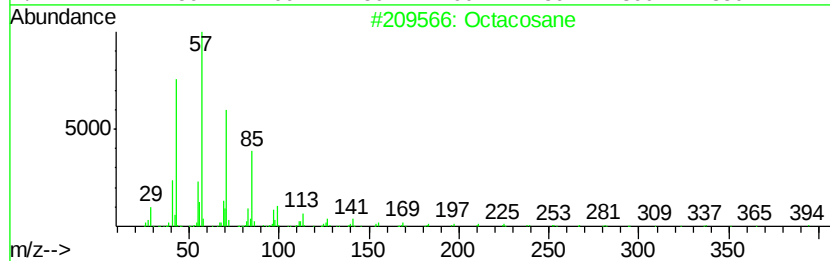
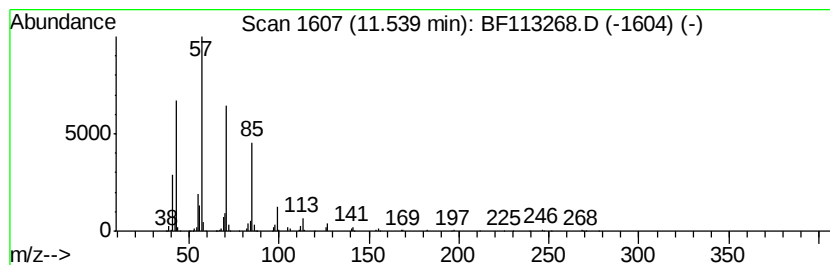
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.54	95.55 ng	4206740	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5		Pentadecane	212	C15H32	000629-62-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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 Acq On : 24 Mar 2019 15:20
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 Sample : K2071-01
 Misc :
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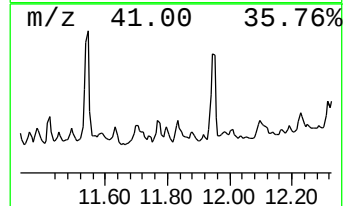
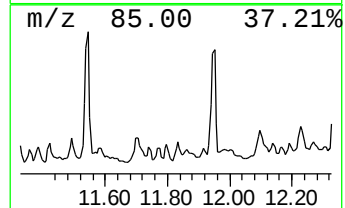
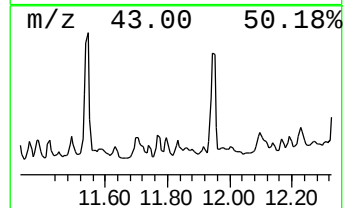
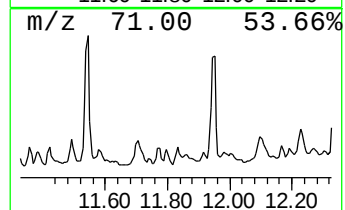
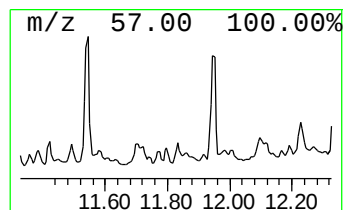
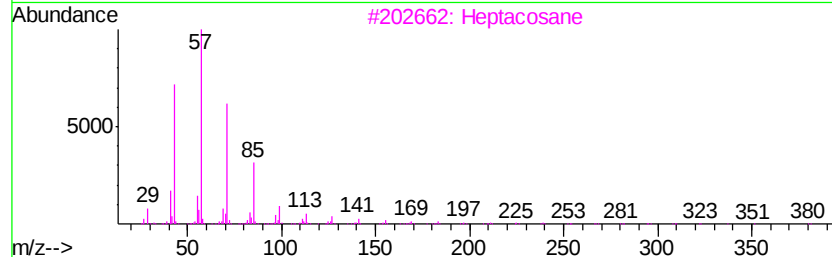
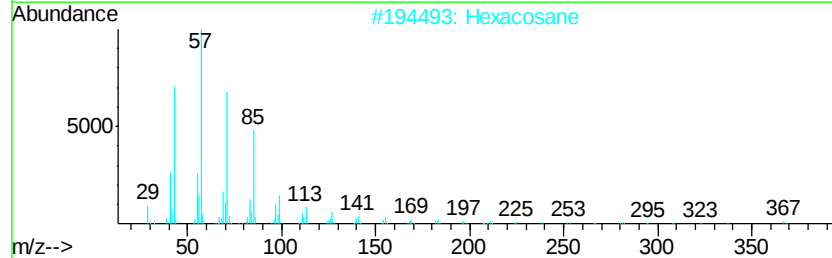
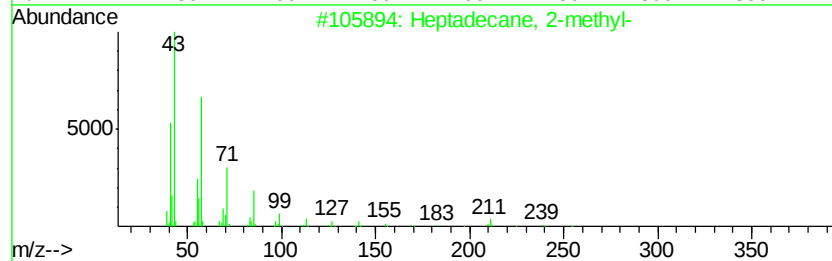
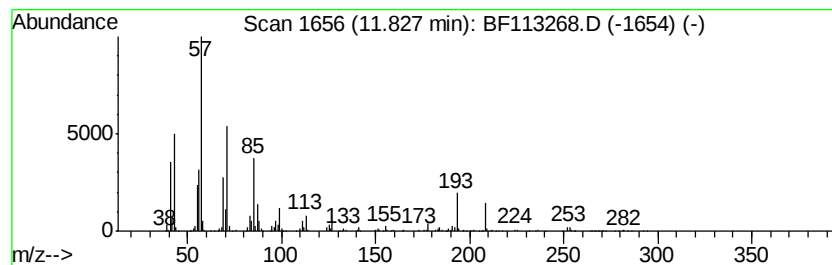
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 15 Heptadecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	32.47 ng	1429280	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	81
2		Hexacosane	366	C26H54	000630-01-3	58
3		Heptacosane	380	C27H56	000593-49-7	58
4		Nonadecane	268	C19H40	000629-92-5	52
5		Heneicosane	296	C21H44	000629-94-7	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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BNA_F
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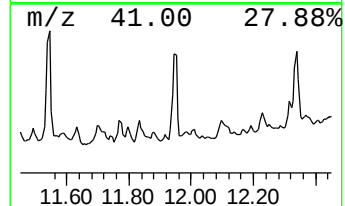
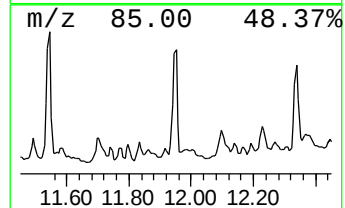
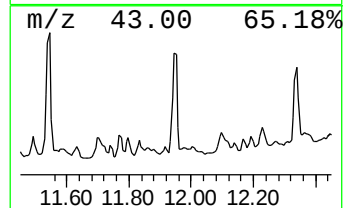
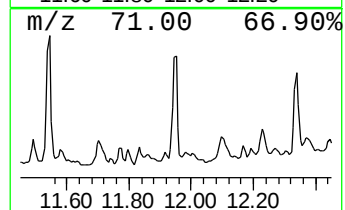
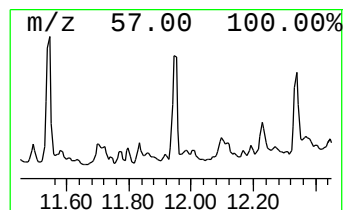
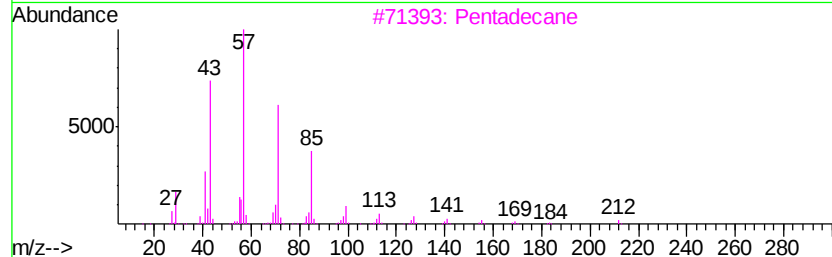
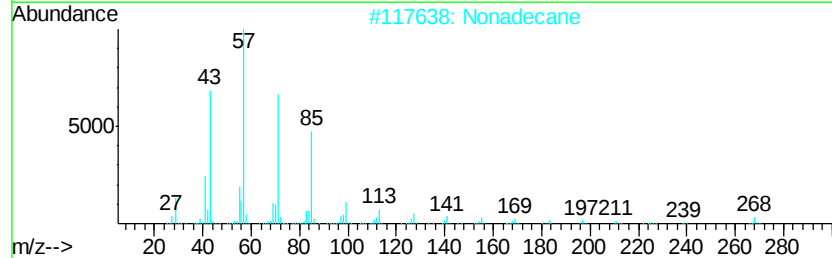
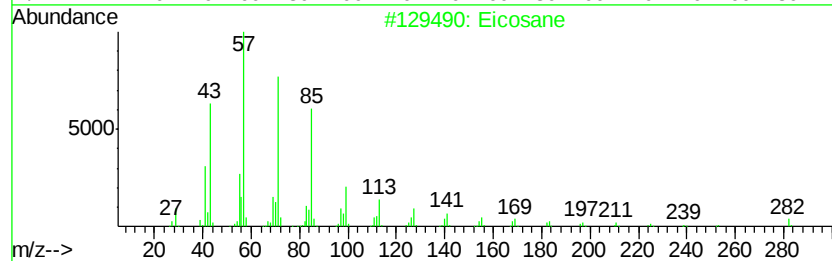
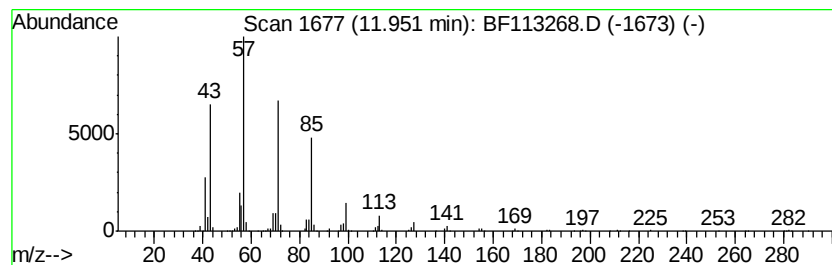
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	84.66 ng	3726910	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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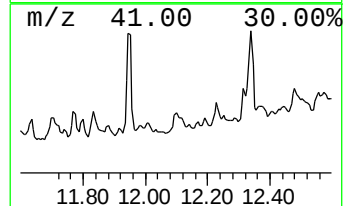
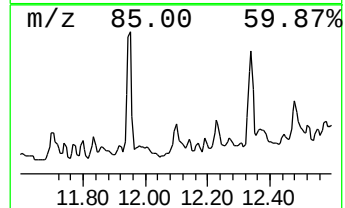
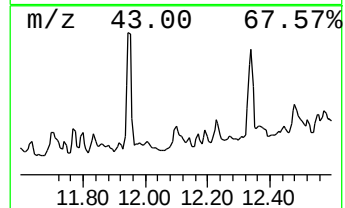
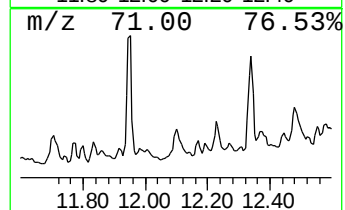
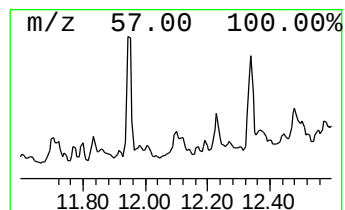
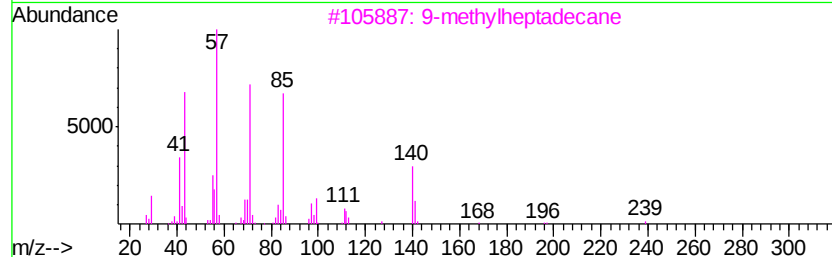
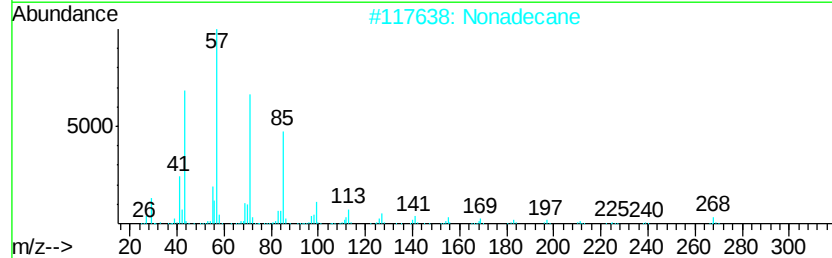
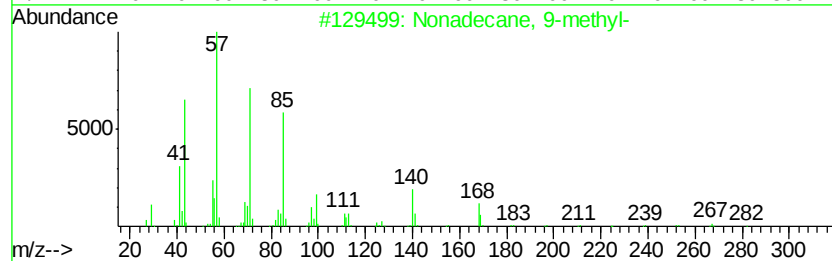
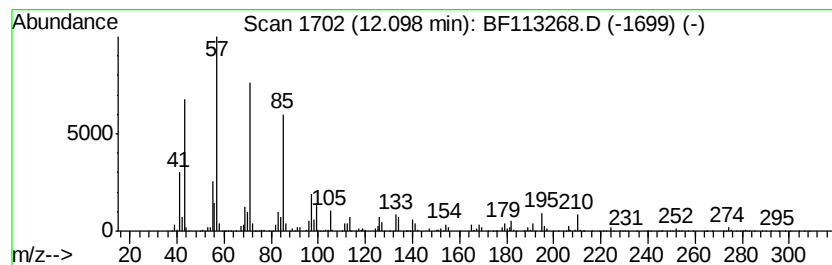
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	36.64 ng	1613230	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	80
2		Nonadecane	268	C19H40	000629-92-5	80
3		9-methylheptadecane	254	C18H38	026741-18-4	80
4		Heneicosane	296	C21H44	000629-94-7	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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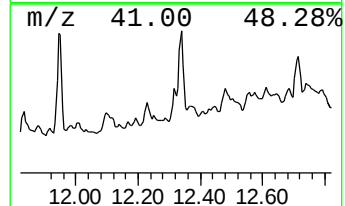
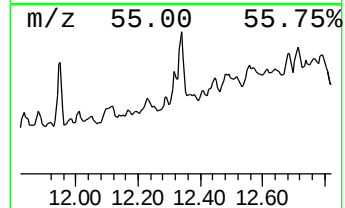
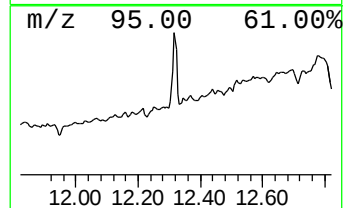
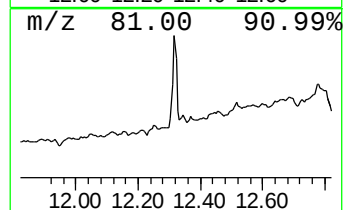
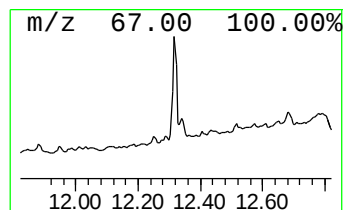
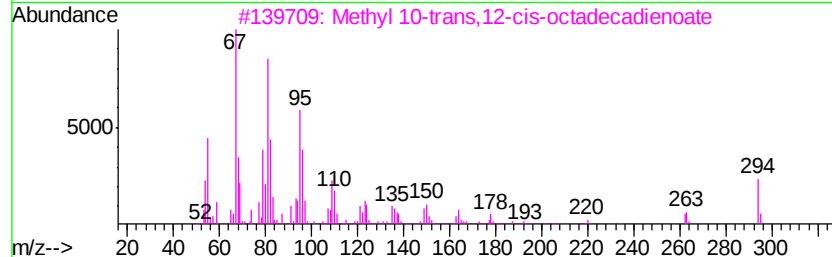
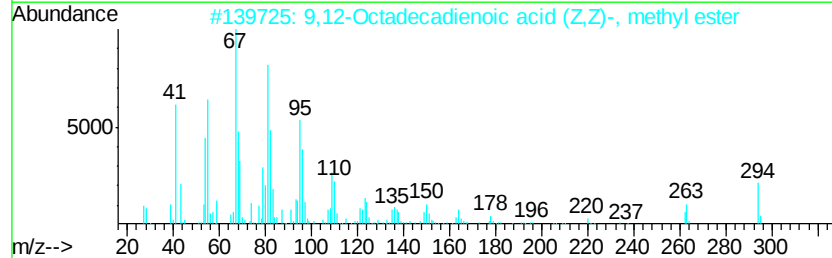
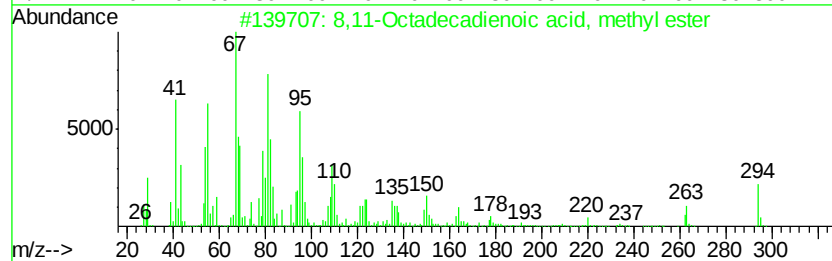
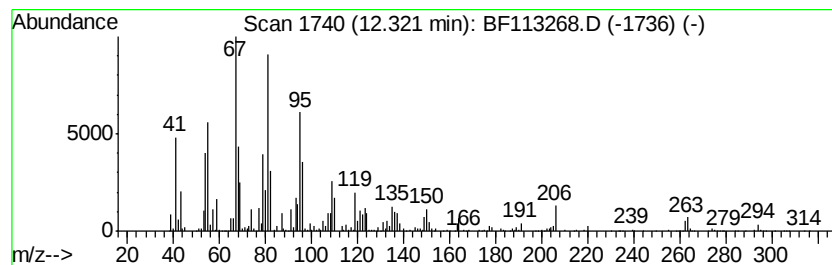
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 8,11-Octadecadienoic acid, ... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	39.18 ng	1724860	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
3		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	95
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	95
5		11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
Operator : JU/SJ
Sample : K2071-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

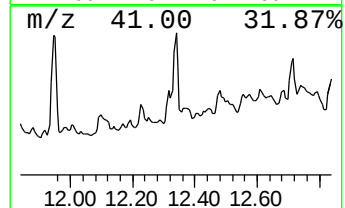
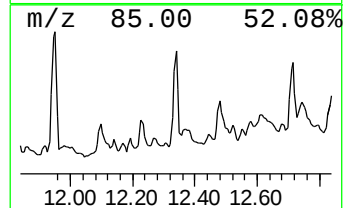
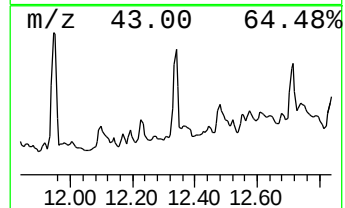
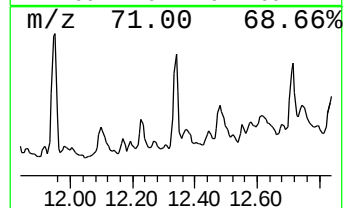
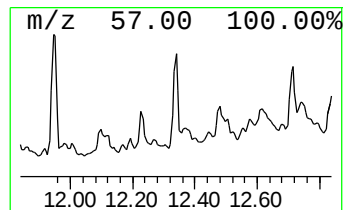
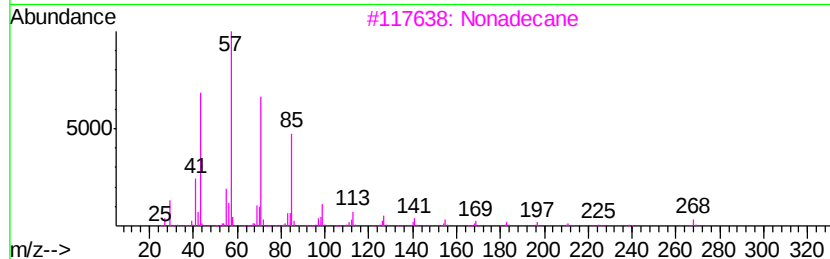
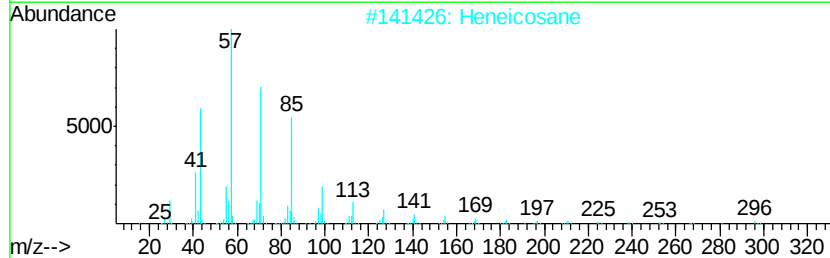
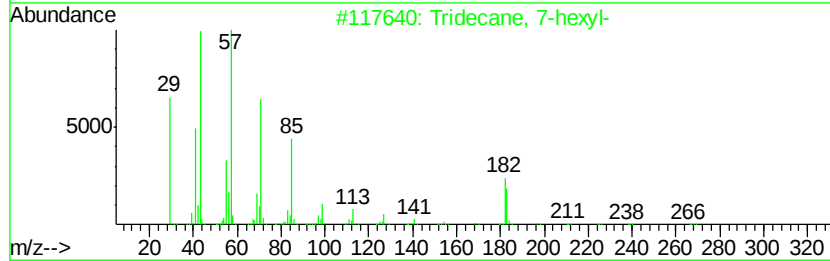
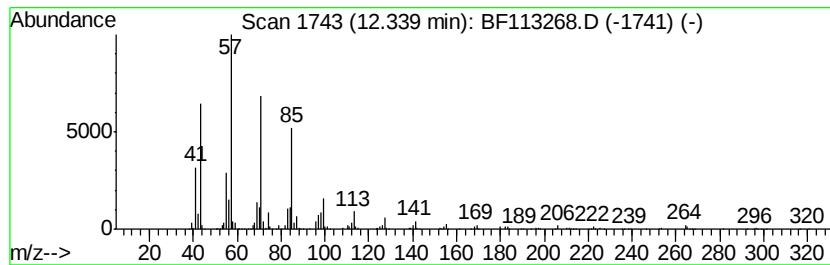
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 7-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	63.38 ng	2790440	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
2		Heneicosane	296	C21H44	000629-94-7	90
3		Nonadecane	268	C19H40	000629-92-5	87
4		Hexadecane	226	C16H34	000544-76-3	87
5		Tetradecane	198	C14H30	000629-59-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032419\
Data File : BF113268.D
Acq On : 24 Mar 2019 15:20
Operator : JU/SJ
Sample : K2071-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-1

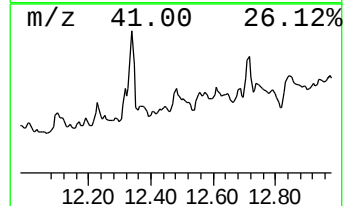
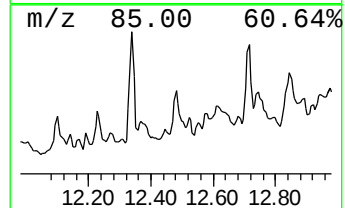
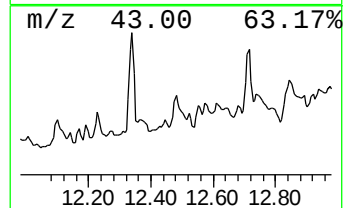
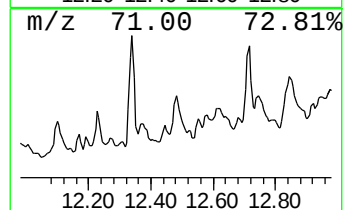
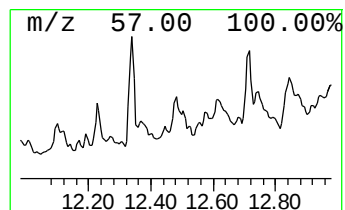
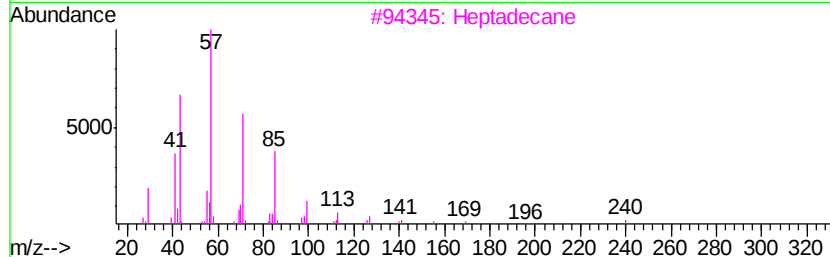
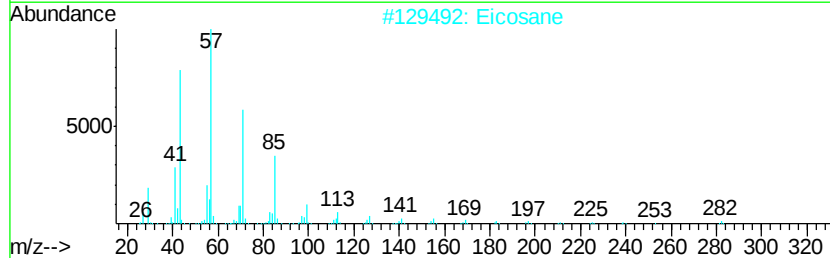
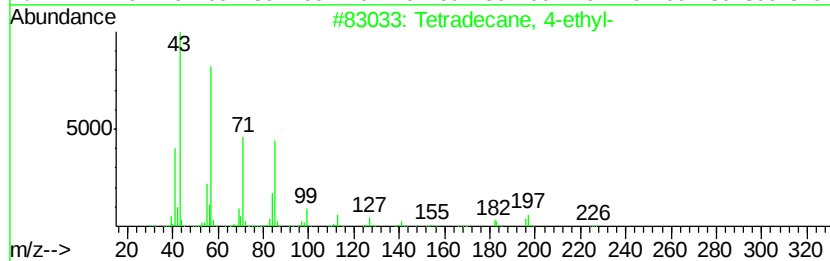
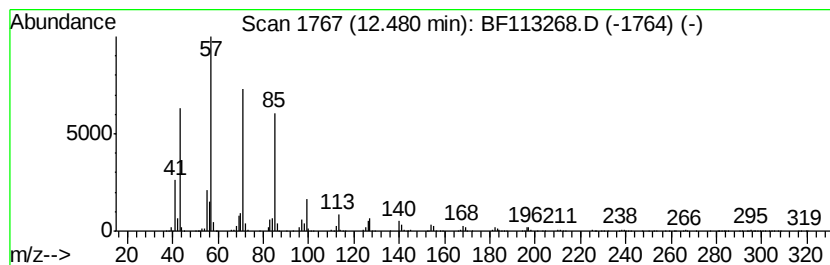
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tetradecane, 4-ethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	31.96 ng	1406960	Phenanthrene-d10	11.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	87
2		Eicosane	282	C20H42	000112-95-8	72
3		Heptadecane	240	C17H36	000629-78-7	72
4		Hexadecane	226	C16H34	000544-76-3	72
5		Heptacosane	380	C27H56	000593-49-7	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032419\
 Data File : BF113268.D
 Acq On : 24 Mar 2019 15:20
 Operator : JU/SJ
 Sample : K2071-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.49	6.49	91.7	ng	3760560	1	6.72	819823	20.0
1-Hexanol, 2-ethyl-	6.79	56.7	ng	2322990	1	6.72	819823	20.0
Naphthalene, deca...	7.11	25.5	ng	1043770	1	6.72	819823	20.0
Tetradecane	9.17	52.0	ng	6679750	3	9.75	2568040	20.0
Naphthalene, 1,2,...	9.23	24.4	ng	3133450	3	9.75	2568040	20.0
Hexadecane	10.20	50.8	ng	6522190	3	9.75	2568040	20.0
Bacchotricuneatin c	10.42	33.6	ng	4314810	3	9.75	2568040	20.0
Tridecane	10.67	188.2	ng	8284480	4	11.23	880488	20.0
4,4'-Dimethylbiph...	10.87	41.4	ng	1821640	4	11.23	880488	20.0
unknown10.99	10.99	35.9	ng	1579700	4	11.23	880488	20.0
Pentadecane	11.12	109.5	ng	4822050	4	11.23	880488	20.0
Hexacosane	11.14	66.2	ng	2915310	4	11.23	880488	20.0
Octacosane	11.54	95.5	ng	4206740	4	11.23	880488	20.0
Heptadecane, 2-me...	11.83	32.5	ng	1429280	4	11.23	880488	20.0
Eicosane	11.95	84.7	ng	3726910	4	11.23	880488	20.0
Nonadecane, 9-met...	12.10	36.6	ng	1613230	4	11.23	880488	20.0
8,11-Octadecadien...	12.32	39.2	ng	1724860	4	11.23	880488	20.0
Tridecane, 7-hexyl-	12.34	63.4	ng	2790440	4	11.23	880488	20.0
Tetradecane, 4-et...	12.48	32.0	ng	1406960	4	11.23	880488	20.0