

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110844.D
 Acq On : 19 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5975-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

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-BF110818.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	2.240	22	26	41	rVB	70251	123088	6.51%	0.369%
2	5.175	521	525	536	rBV	46443	70714	3.74%	0.212%
3	5.563	587	591	609	rBV	1413356	1450612	76.69%	4.351%
4	6.569	758	762	769	rBV	1478346	1500194	79.31%	4.500%
5	6.710	782	786	791	rVB	1788943	1559936	82.47%	4.679%
6	6.757	791	794	798	rBV	188642	158158	8.36%	0.474%
7	6.940	821	825	831	rBV	474300	441125	23.32%	1.323%
8	7.092	848	851	858	rVB	1349333	1222393	64.62%	3.667%
9	7.198	867	869	872	rVV2	69232	77356	4.09%	0.232%
10	7.251	875	878	883	rVB2	108572	127030	6.72%	0.381%
11	7.304	883	887	889	rBV	75311	73554	3.89%	0.221%
12	7.463	908	914	917	rVV2	104642	133663	7.07%	0.401%
13	7.504	917	921	927	rVV2	1118680	1283299	67.84%	3.849%
14	7.575	927	933	936	rVB6	80341	106143	5.61%	0.318%
15	7.734	956	960	968	rVB3	128177	204927	10.83%	0.615%
16	7.828	968	976	978	rBV4	96390	169700	8.97%	0.509%
17	7.857	978	981	983	rBV2	54295	79455	4.20%	0.238%
18	7.887	983	986	989	rVV3	90787	100472	5.31%	0.301%
19	7.916	989	991	995	rVV2	56233	70774	3.74%	0.212%
20	7.951	995	997	1000	rVV2	206337	177552	9.39%	0.533%
21	8.116	1021	1025	1028	rBV3	58489	82305	4.35%	0.247%
22	8.181	1033	1036	1040	rVV	561835	530714	28.06%	1.592%
23	8.222	1040	1043	1047	rVV	657113	616649	32.60%	1.850%
24	8.257	1047	1049	1052	rVB	254098	236027	12.48%	0.708%
25	8.298	1052	1056	1063	rVB5	74308	110784	5.86%	0.332%
26	8.410	1073	1075	1078	rVB2	116132	91251	4.82%	0.274%
27	8.498	1086	1090	1094	rBV4	236022	271178	14.34%	0.813%
28	8.545	1094	1098	1099	rBV3	74399	86933	4.60%	0.261%
29	8.622	1108	1111	1113	rVB2	244792	214289	11.33%	0.643%
30	8.722	1124	1128	1130	rBV	290524	286573	15.15%	0.860%
31	8.792	1135	1140	1145	rBV	712253	655972	34.68%	1.968%
32	8.839	1145	1148	1151	rVV5	73214	109469	5.79%	0.328%
33	8.881	1152	1155	1158	rVB2	173396	188363	9.96%	0.565%
34	9.039	1179	1182	1186	rVV3	268355	282756	14.95%	0.848%

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35	9.075	1186	1188	1190	rVV	167143	147821	7.81%	0.443%
36	9.122	1193	1196	1198	rVB4	125974	138137	7.30%	0.414%
37	9.157	1199	1202	1204	rBV	231206	210845	11.15%	0.632%
38	9.198	1207	1209	1211	rVV	123260	113944	6.02%	0.342%
39	9.222	1211	1213	1216	rVV2	242526	218134	11.53%	0.654%
40	9.251	1216	1218	1221	rVV2	80228	74059	3.92%	0.222%
41	9.298	1221	1226	1229	rVV	1944316	1891540	100.00%	5.674%
42	9.357	1233	1236	1240	rVV	725482	708198	37.44%	2.124%
43	9.398	1241	1243	1246	rVV4	105904	121384	6.42%	0.364%
44	9.439	1247	1250	1253	rVV3	139994	168336	8.90%	0.505%
45	9.475	1253	1256	1259	rVB2	112360	119962	6.34%	0.360%
46	9.616	1275	1280	1282	rBV4	125268	202604	10.71%	0.608%
47	9.681	1287	1291	1296	rVV2	306565	492115	26.02%	1.476%
48	9.892	1323	1327	1330	rVV	778657	690319	36.50%	2.071%
49	9.928	1330	1333	1336	rVV2	99913	106260	5.62%	0.319%
50	9.957	1336	1338	1339	rVV2	79177	71594	3.78%	0.215%
51	9.980	1339	1342	1347	rVB2	737176	650326	34.38%	1.951%
52	10.128	1363	1367	1369	rBV3	79810	120422	6.37%	0.361%
53	10.180	1373	1376	1378	rVB2	76457	72652	3.84%	0.218%
54	10.210	1378	1381	1382	rBV2	163855	124834	6.60%	0.374%
55	10.392	1408	1412	1414	rBV	823094	673272	35.59%	2.020%
56	10.416	1414	1416	1419	rVB2	78888	77061	4.07%	0.231%
57	10.451	1419	1422	1425	rVB4	94590	98571	5.21%	0.296%
58	10.610	1444	1449	1451	rBV	354240	421479	22.28%	1.264%
59	10.663	1456	1458	1461	rVV2	118149	92135	4.87%	0.276%
60	10.704	1461	1465	1467	rVB2	120814	138914	7.34%	0.417%
61	10.727	1467	1469	1472	rVB2	165395	133680	7.07%	0.401%
62	10.775	1474	1477	1483	rBV	1066060	1135868	60.05%	3.407%
63	10.822	1483	1485	1489	rVB2	105178	86831	4.59%	0.260%
64	10.863	1489	1492	1497	rBV	791505	894814	47.31%	2.684%
65	10.975	1509	1511	1515	rVB	126242	126005	6.66%	0.378%
66	11.022	1516	1519	1523	rBV	99918	126963	6.71%	0.381%
67	11.151	1538	1541	1543	rVB2	92615	80926	4.28%	0.243%
68	11.310	1565	1568	1571	rBV2	693307	625323	33.06%	1.876%
69	11.339	1571	1573	1580	rVB	333655	344893	18.23%	1.035%
70	11.398	1580	1583	1590	rVB2	251494	289733	15.32%	0.869%
71	11.480	1590	1597	1603	rBV3	732676	1294838	68.45%	3.884%

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72	11.533	1603	1606	1607	rBV2	87075	88001	4.65%	0.264%
73	11.627	1620	1622	1626	rVB3	132983	136194	7.20%	0.409%
74	11.669	1626	1629	1632	rBV2	298539	363418	19.21%	1.090%
75	11.739	1639	1641	1643	rBV	557254	470017	24.85%	1.410%
76	11.839	1655	1658	1661	rBV2	510823	552598	29.21%	1.658%
77	11.869	1661	1663	1666	rVB3	83393	69920	3.70%	0.210%
78	11.904	1666	1669	1673	rBV3	122167	172398	9.11%	0.517%
79	11.974	1679	1681	1684	rBV	122278	101724	5.38%	0.305%
80	12.086	1698	1700	1705	rBV	140590	178649	9.44%	0.536%
81	12.145	1707	1710	1713	rVB	492681	388648	20.55%	1.166%
82	12.257	1726	1729	1734	rBV	278634	270236	14.29%	0.811%
83	12.533	1773	1776	1779	rBV	365008	311393	16.46%	0.934%
84	12.904	1837	1839	1842	rVB	205370	181676	9.60%	0.545%
85	13.057	1861	1865	1869	rVB	1589377	1536234	81.22%	4.608%
86	13.263	1897	1900	1903	rVB	184360	148308	7.84%	0.445%
87	13.604	1956	1958	1962	rVB2	82955	88573	4.68%	0.266%
88	14.127	2044	2047	2051	rVB	506112	494832	26.16%	1.484%
89	14.257	2066	2069	2073	rVB3	99836	124263	6.57%	0.373%
90	14.433	2096	2099	2102	rVV3	77942	77438	4.09%	0.232%
91	14.486	2104	2108	2113	rVV4	104566	187944	9.94%	0.564%
92	14.551	2117	2119	2124	rVV3	99991	113476	6.00%	0.340%
93	14.604	2125	2128	2136	rVB4	104679	167368	8.85%	0.502%
94	14.792	2157	2160	2164	rBV3	60874	80667	4.26%	0.242%
95	14.868	2169	2173	2178	rVB	111272	135631	7.17%	0.407%
96	15.215	2229	2232	2237	rVB	102125	119541	6.32%	0.359%
97	15.610	2295	2299	2302	rBV	81044	101765	5.38%	0.305%
98	15.657	2302	2307	2318	rVB	311898	456050	24.11%	1.368%
99	16.062	2372	2376	2387	rVB	79921	153248	8.10%	0.460%
100	16.586	2461	2465	2479	rVB4	40387	89538	4.73%	0.269%

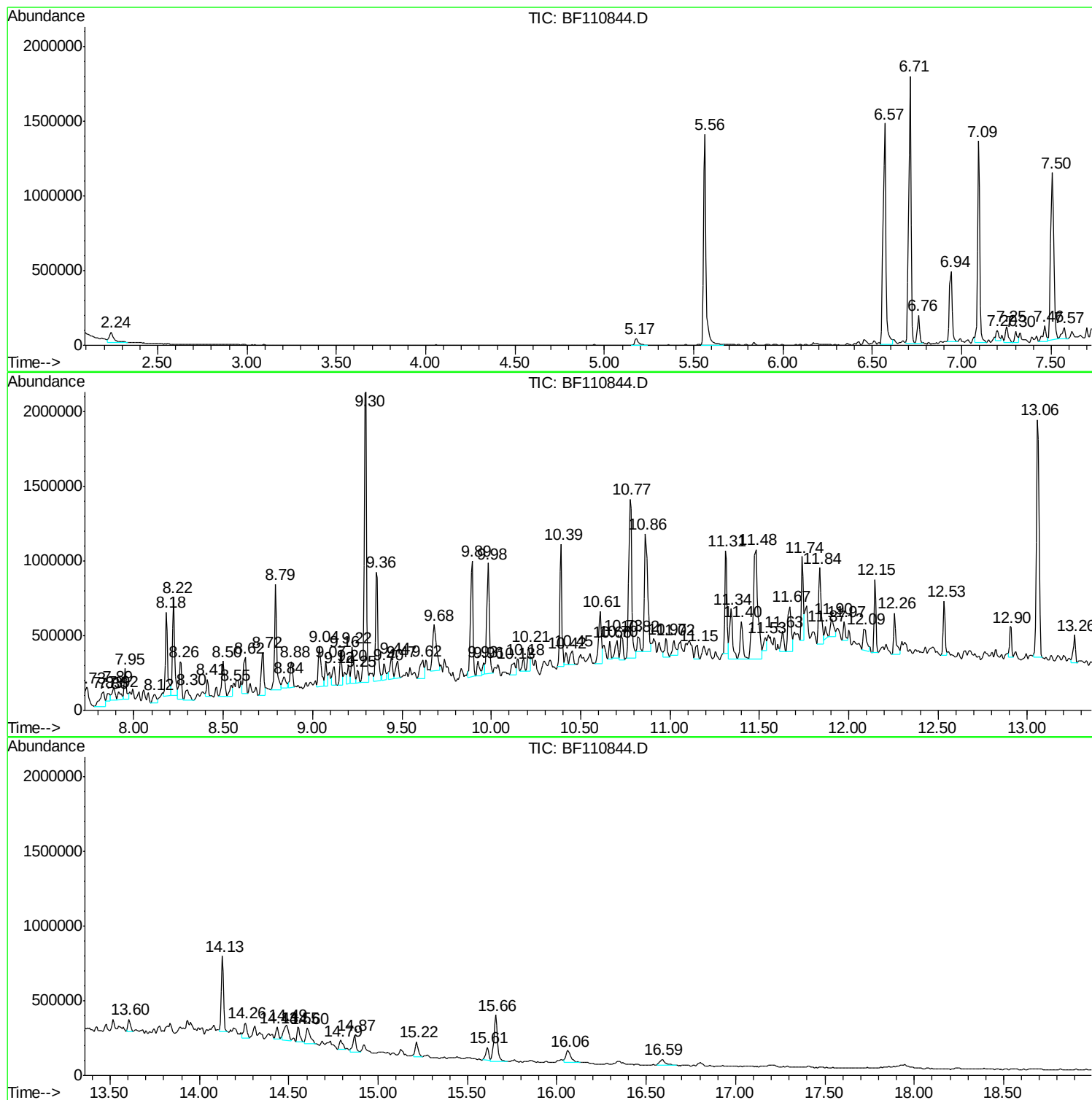
Sum of corrected areas: 33337948

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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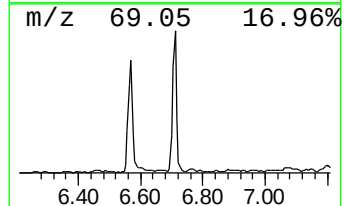
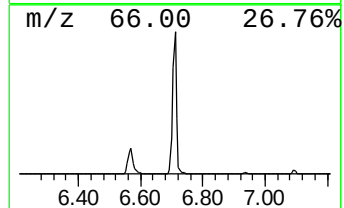
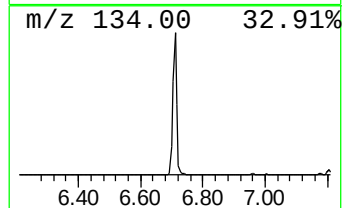
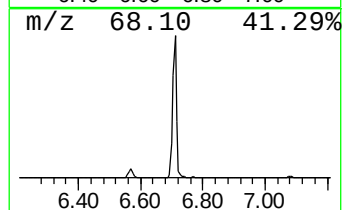
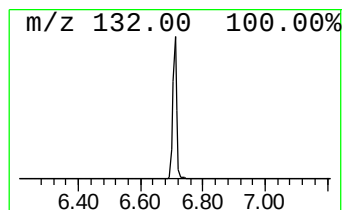
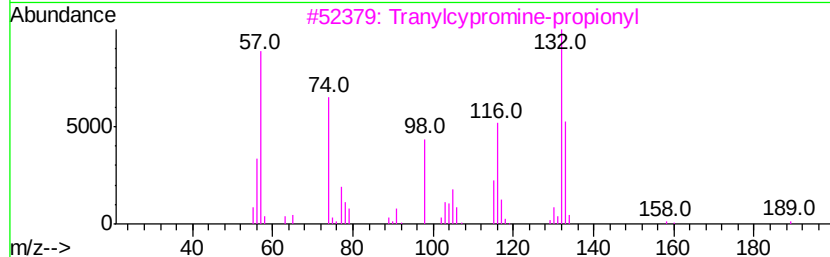
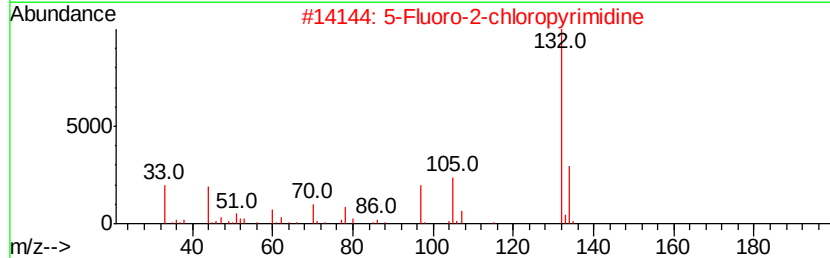
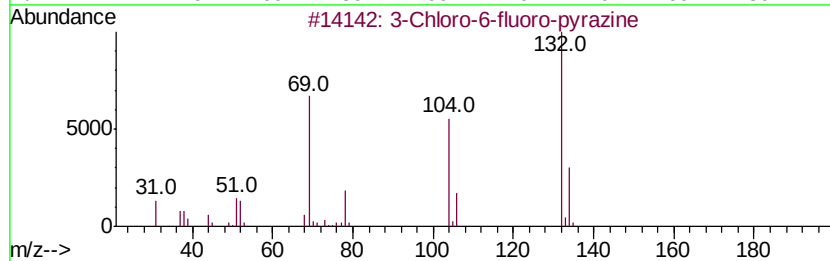
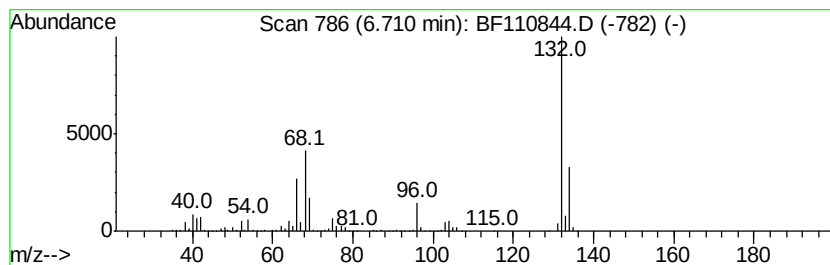
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	70.73 ng	1559940	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Xenon	132	Xe	007440-63-3	9



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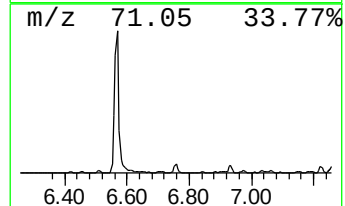
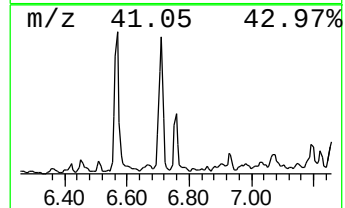
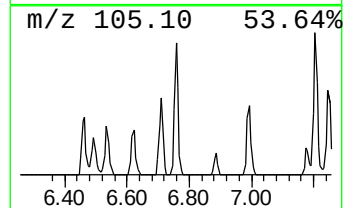
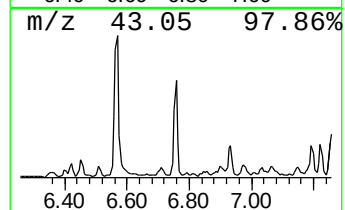
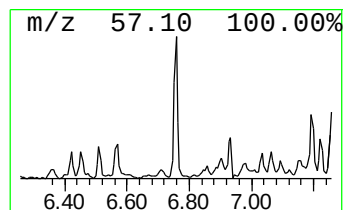
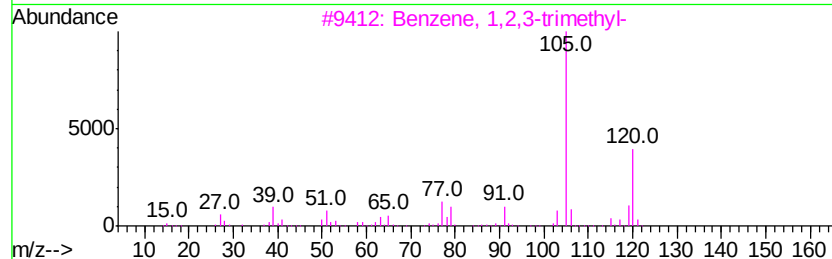
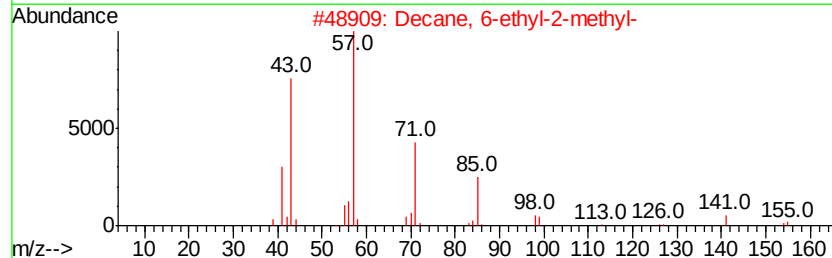
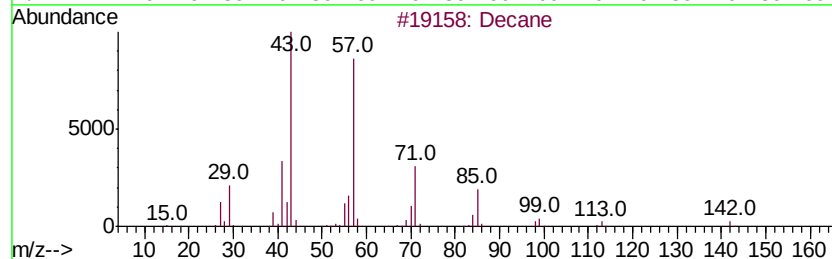
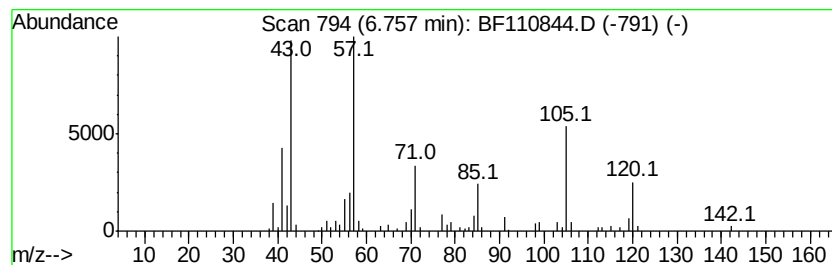
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	7.17 ng	158158	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	50
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	38
4		Mesitylene	120	C9H12	000108-67-8	38
5		Nonane	128	C9H20	000111-84-2	38



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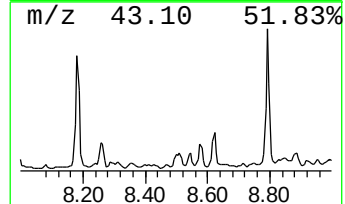
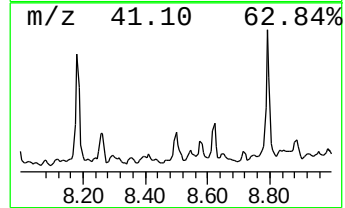
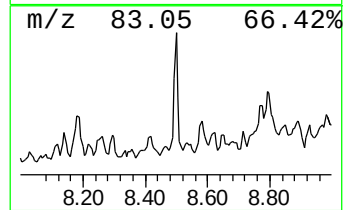
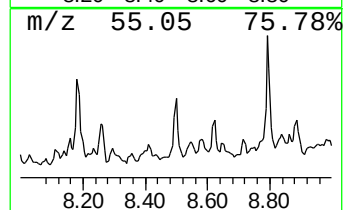
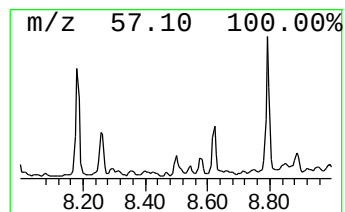
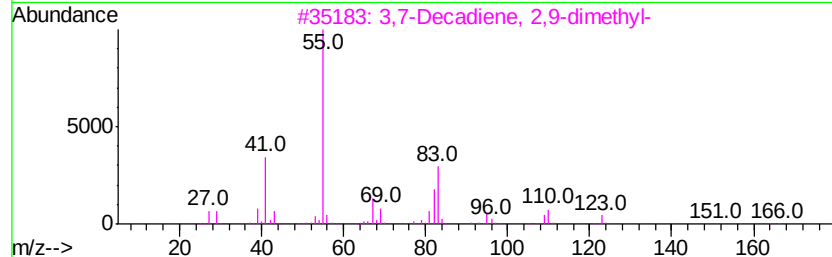
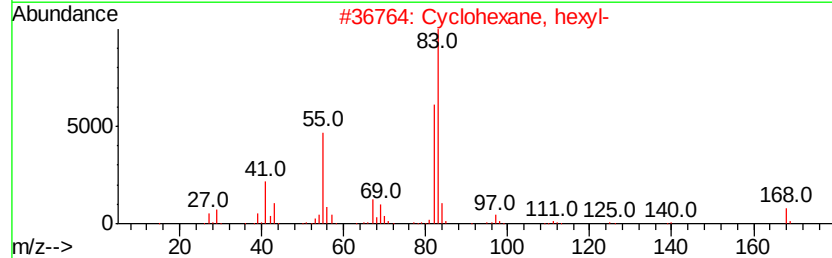
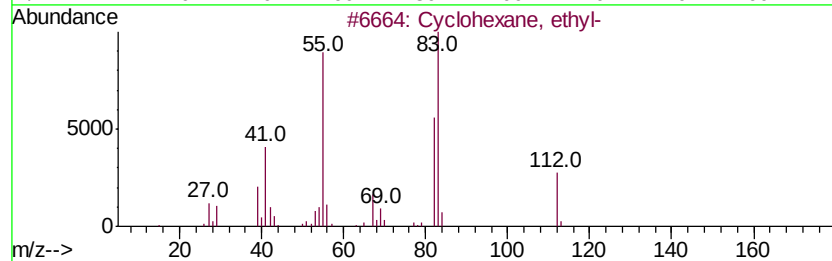
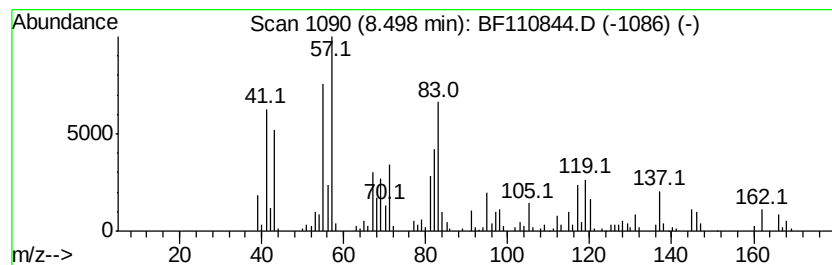
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown8.50 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	8.80 ng	271178	Napthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, ethyl-	112	C8H16	001678-91-7	30
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	30
3		3,7-Decadiene, 2,9-dimethyl-	166	C12H22	074630-13-0	27
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	27
5		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Operator : JU/SJ
Sample : J5975-01
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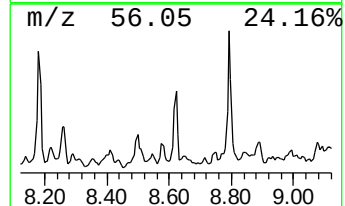
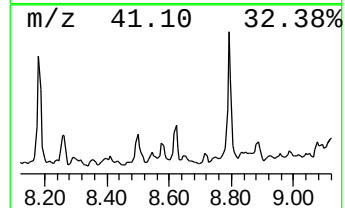
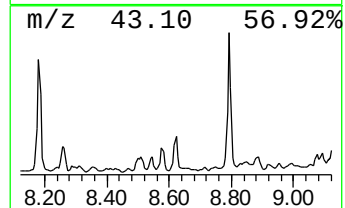
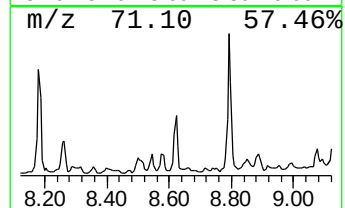
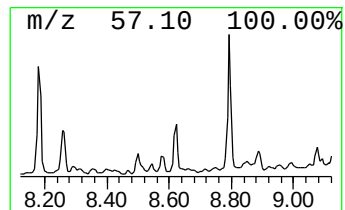
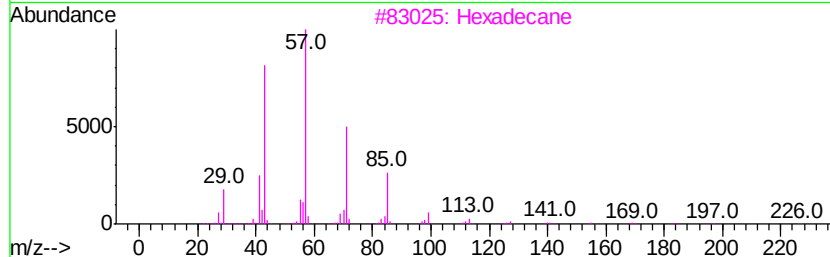
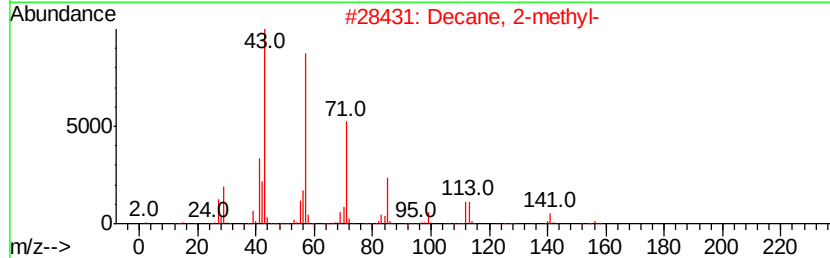
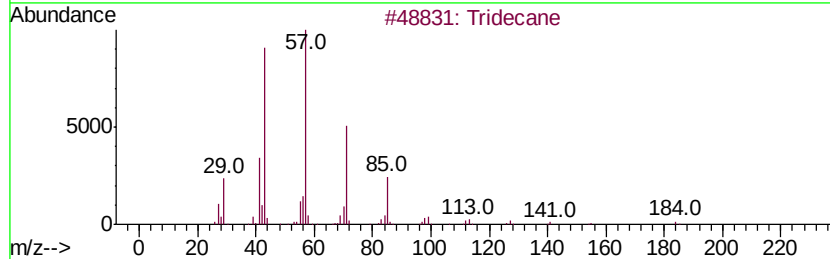
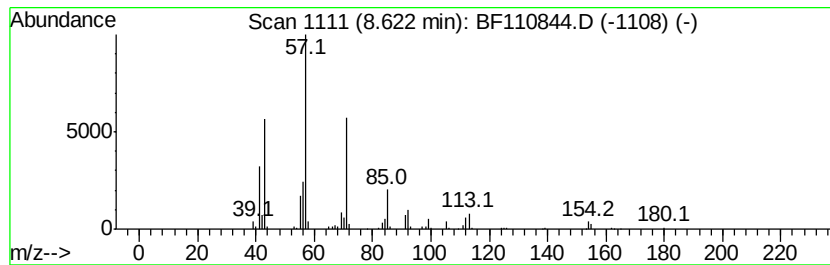
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.
8.62	6.95 ng	214289	Naphthalene-d8		8.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	59
2	Decane, 2-methyl-	156	C11H24	006975-98-0	59
3	Hexadecane	226	C16H34	000544-76-3	53
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
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Sample : J5975-01
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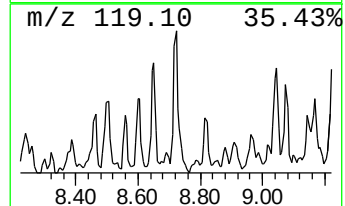
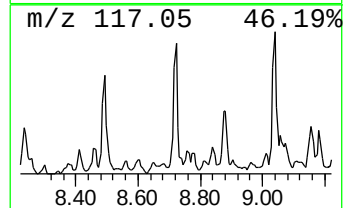
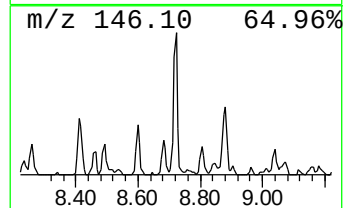
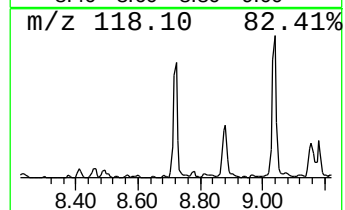
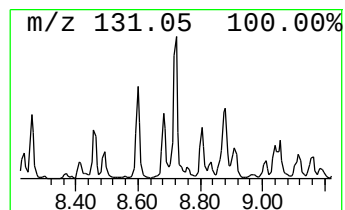
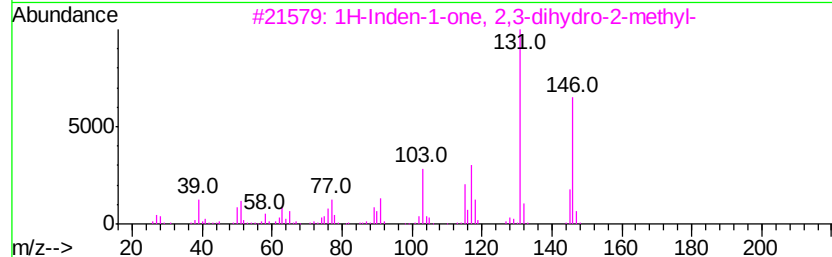
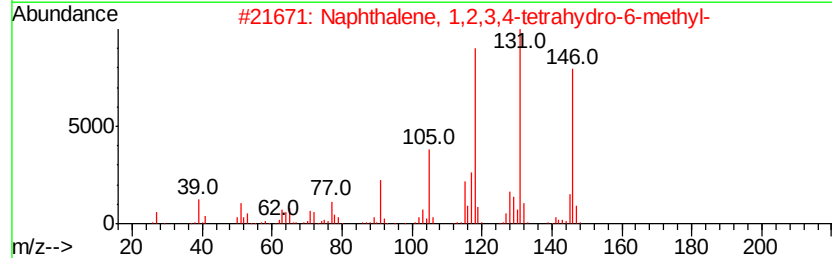
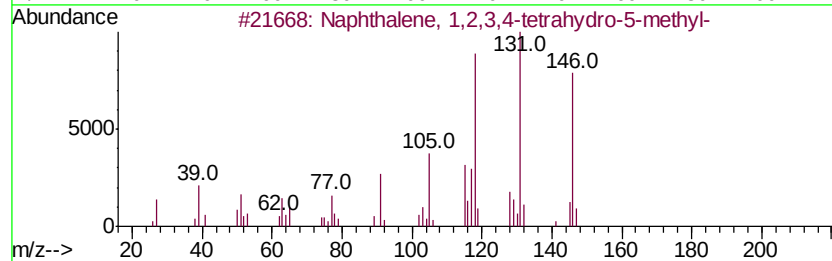
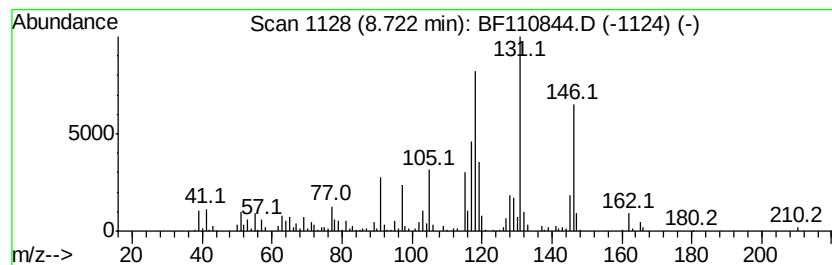
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	9.29 ng	286573	Naphthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
3		1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	49
5		Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
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Sample : J5975-01
Misc :
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ClientSampleId :
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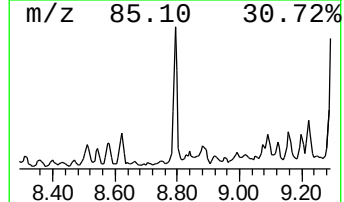
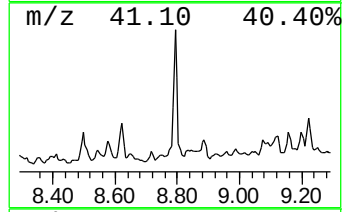
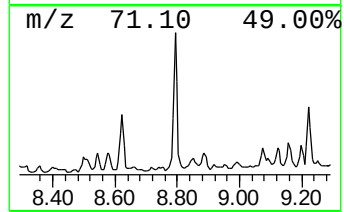
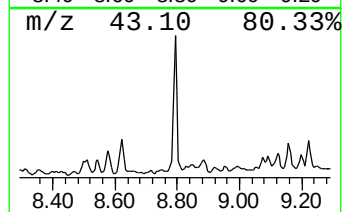
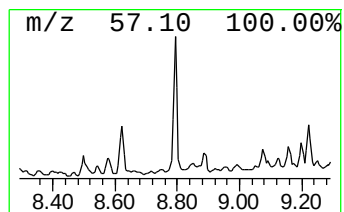
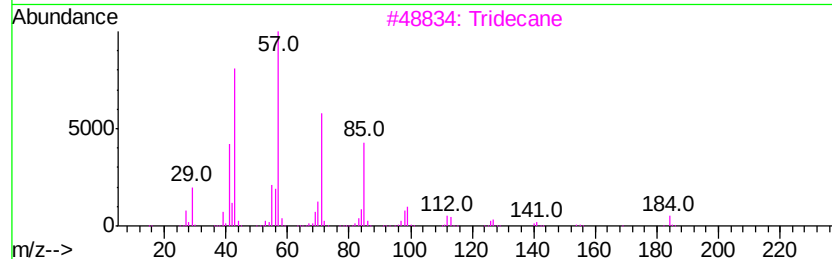
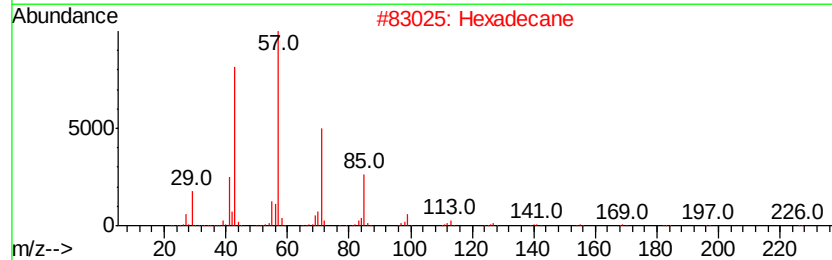
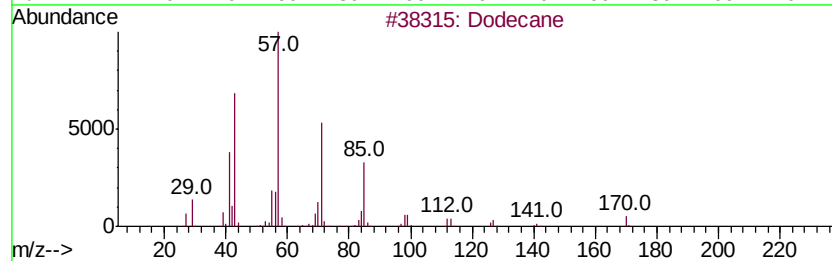
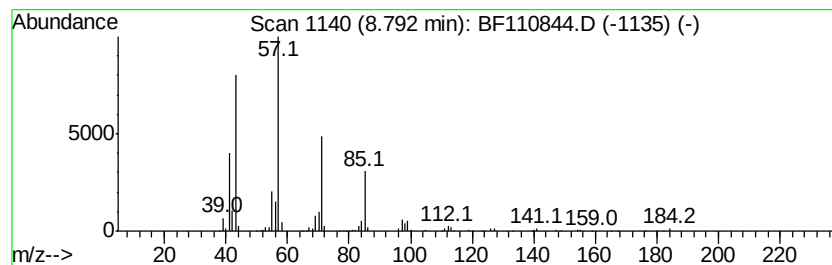
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	21.28 ng	655972	Naphthalene-d8	8.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tridecane		184	C13H28	000629-50-5	86
4	Tetradecane		198	C14H30	000629-59-4	80
5	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
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ClientSampleId :
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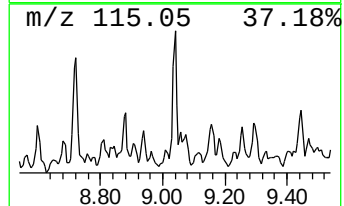
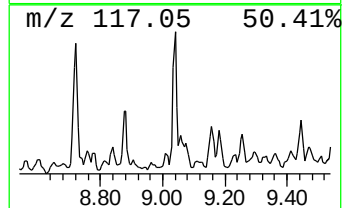
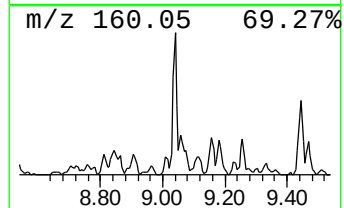
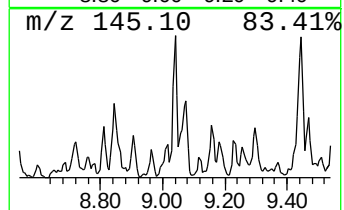
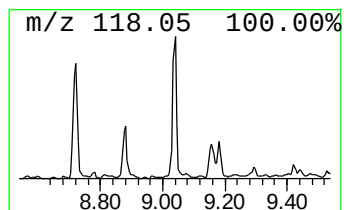
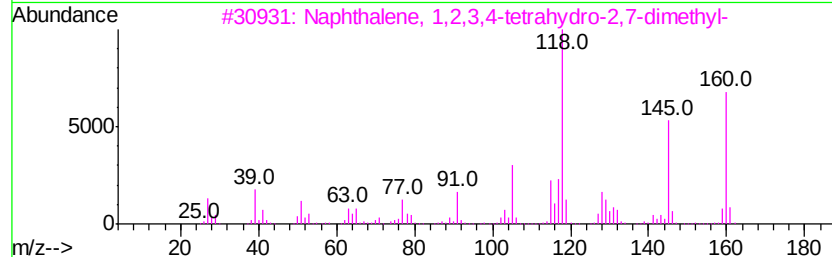
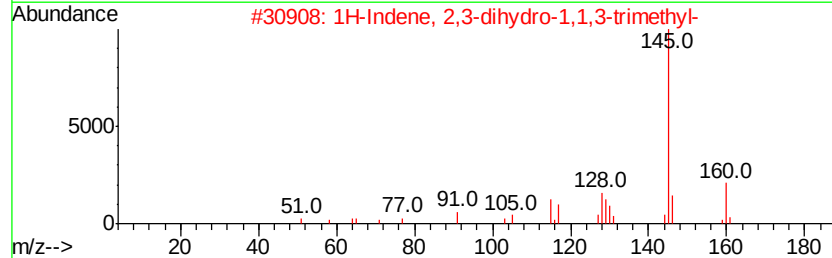
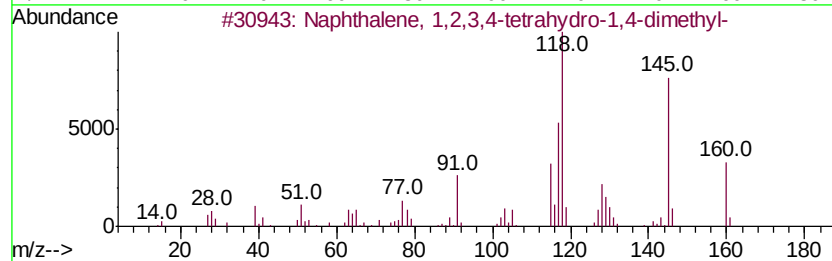
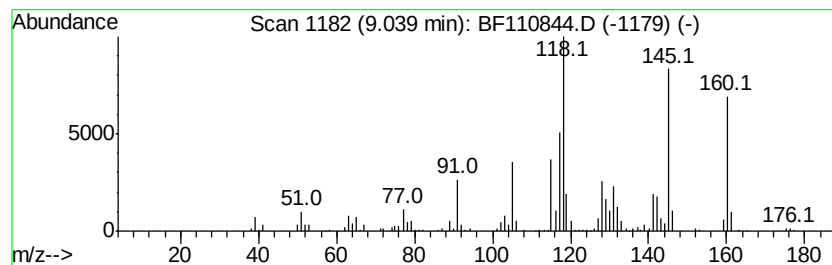
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.04	9.17 ng	282756	Naphthalene-d8	8.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
4		Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	70
5		Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110844.D
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Instrument :
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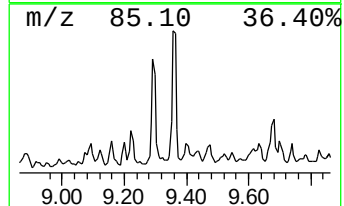
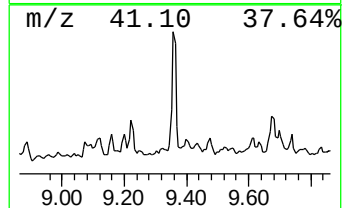
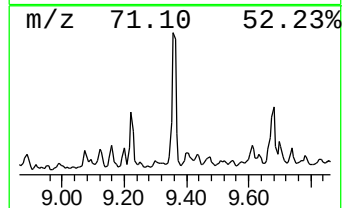
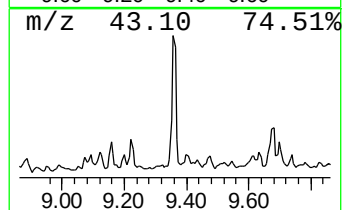
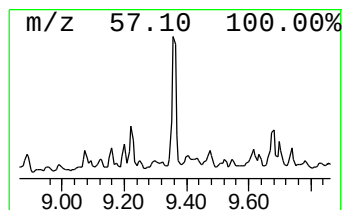
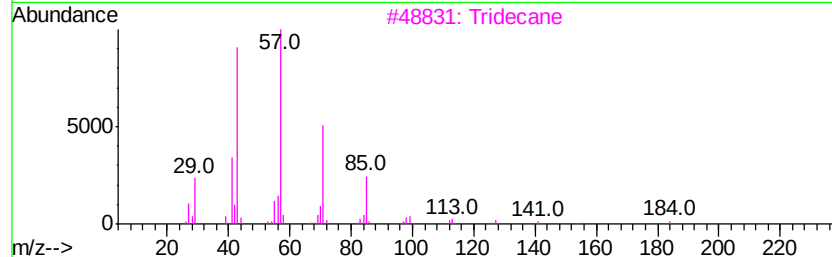
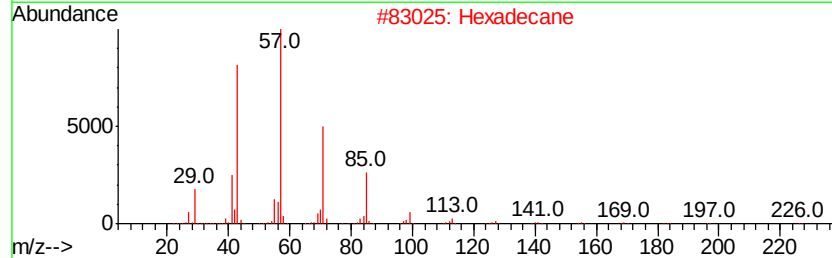
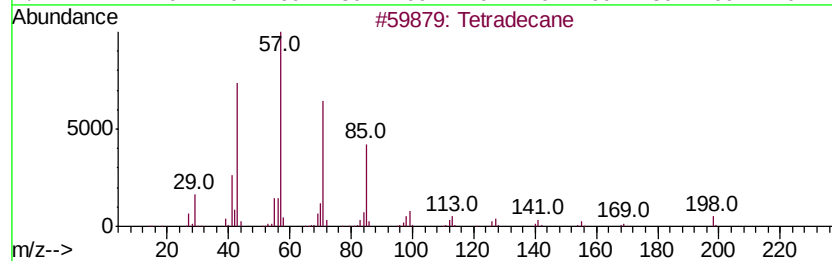
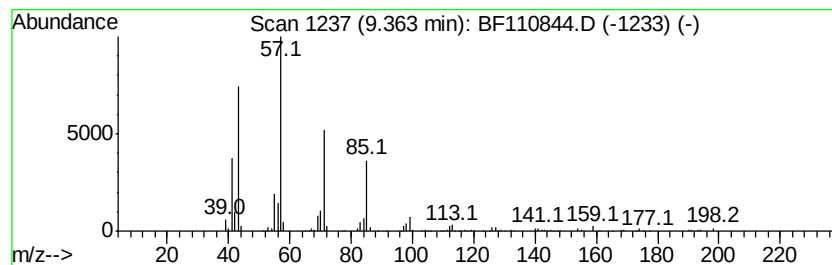
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 9 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	21.78 ng	708198	Acenaphthene-d10	9.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane	184	C13H28	000629-50-5	86
4		Undecane	156	C11H24	001120-21-4	86
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
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Sample : J5975-01
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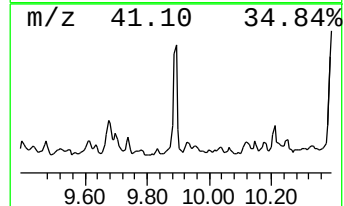
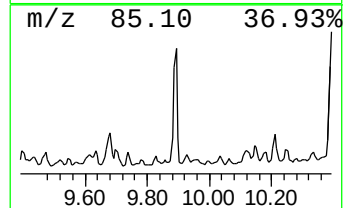
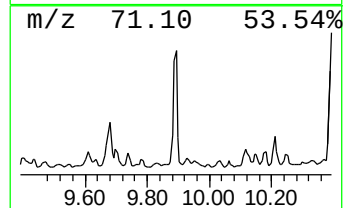
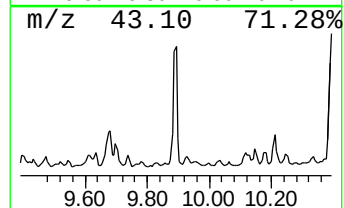
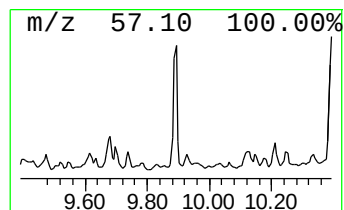
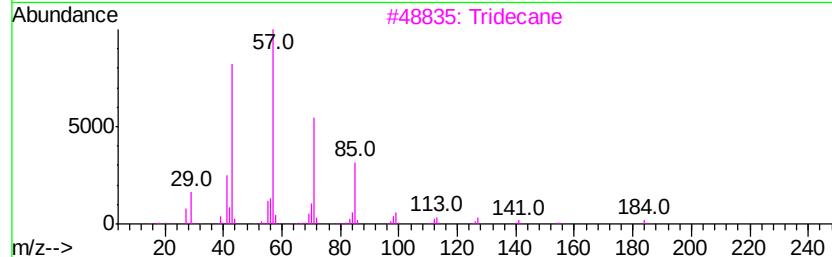
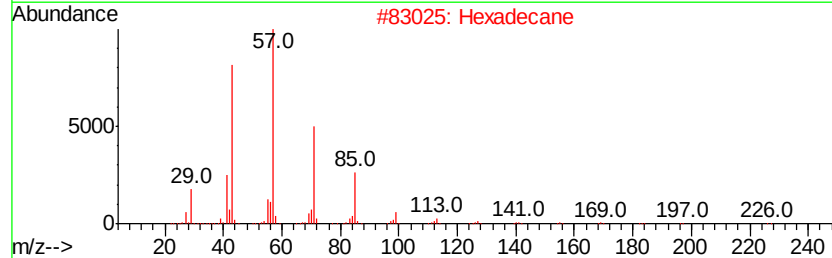
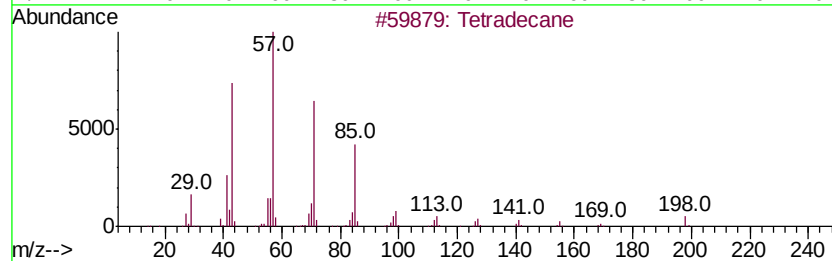
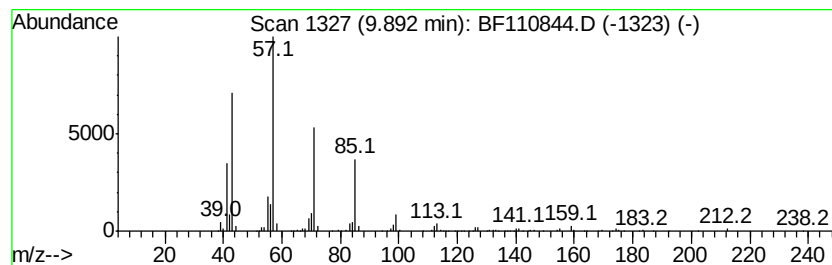
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	21.23 ng	690319	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5		1-Undecene, 4-methyl-	168	C12H24	074630-39-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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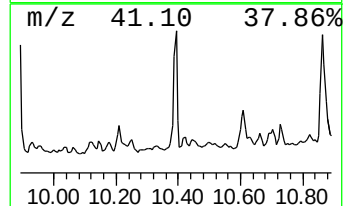
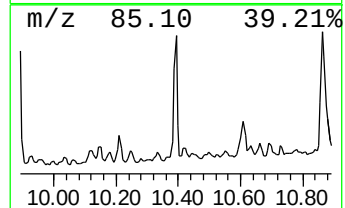
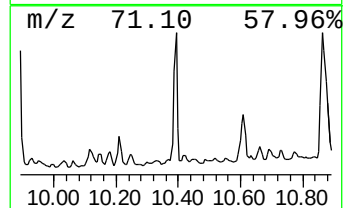
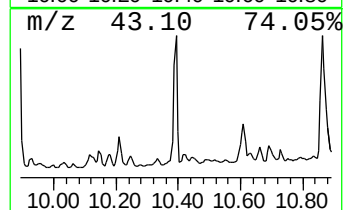
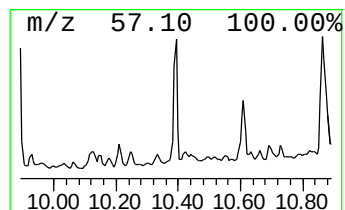
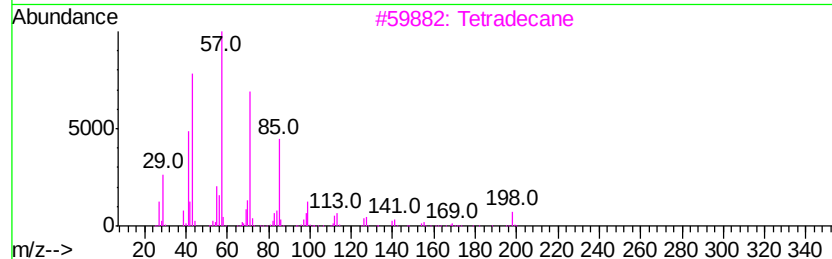
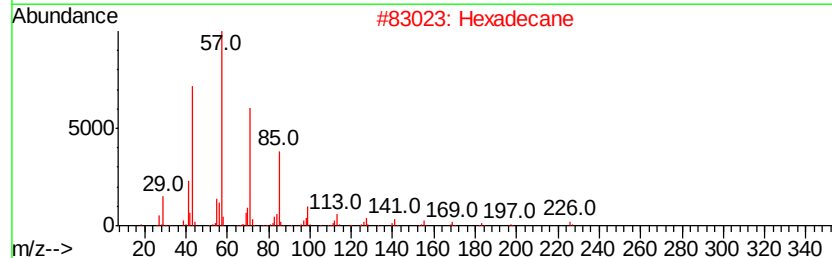
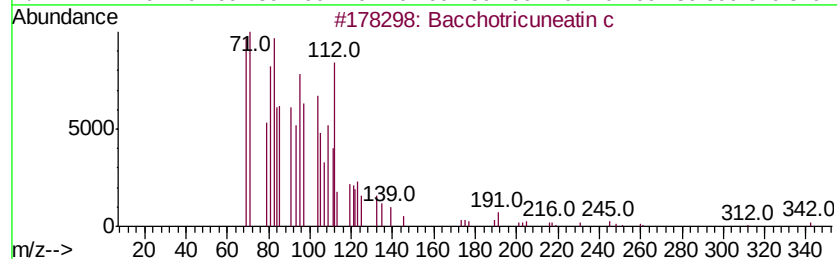
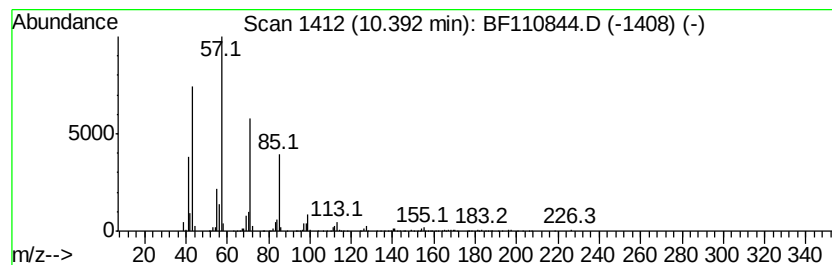
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.39	20.71 ng	673272	Acenaphthene-d10		9.98
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
Operator : JU/SJ
Sample : J5975-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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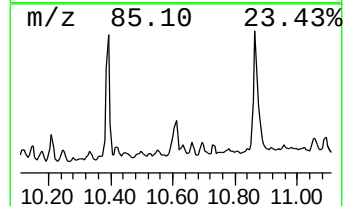
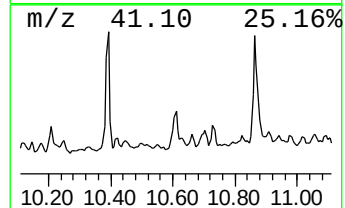
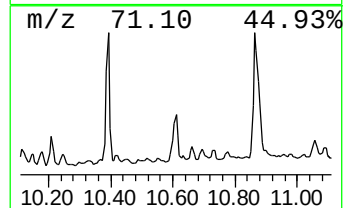
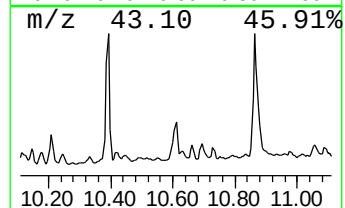
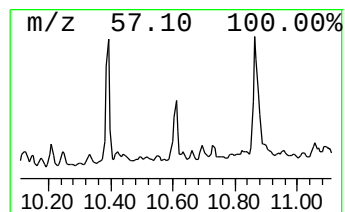
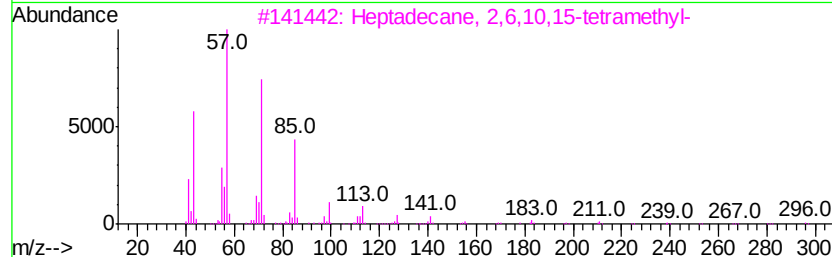
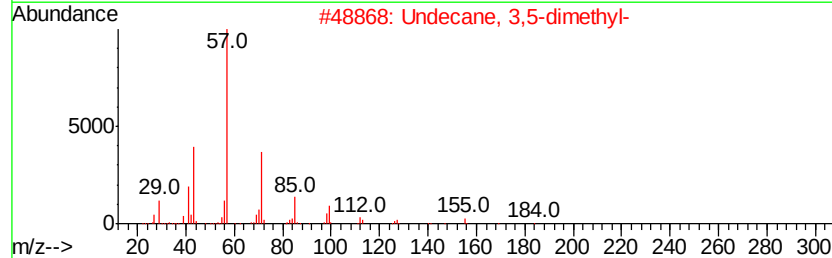
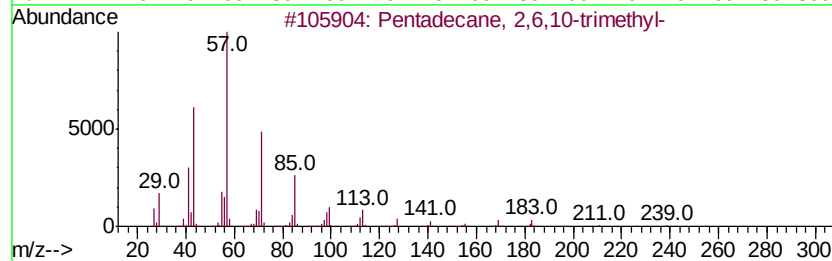
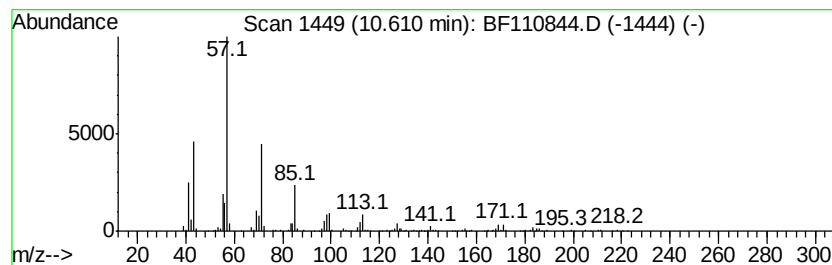
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane, 2,6,10-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.61	12.96 ng	421479	Acenaphthene-d10	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
5		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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Sample : J5975-01
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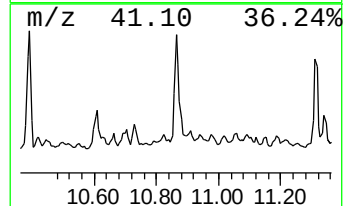
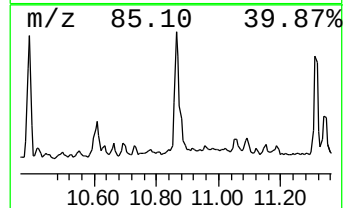
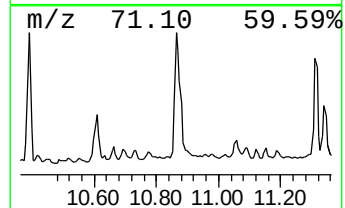
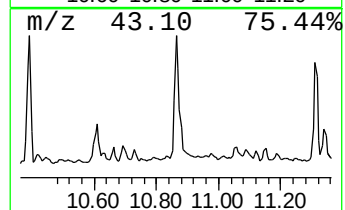
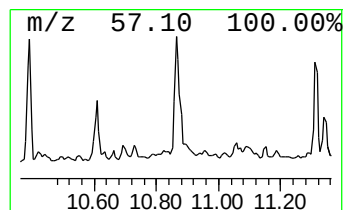
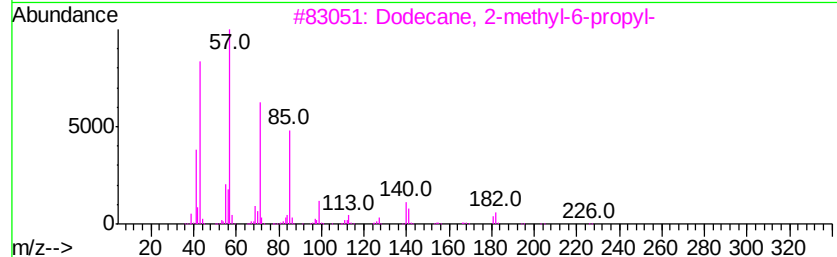
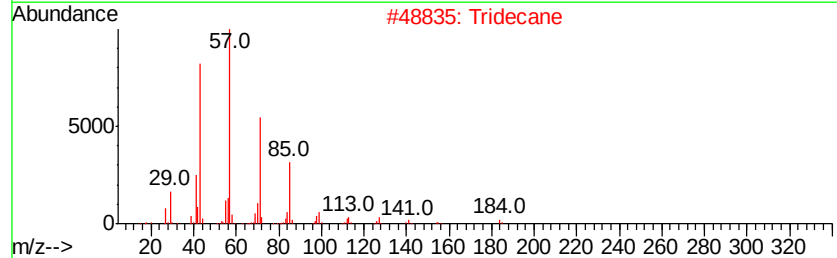
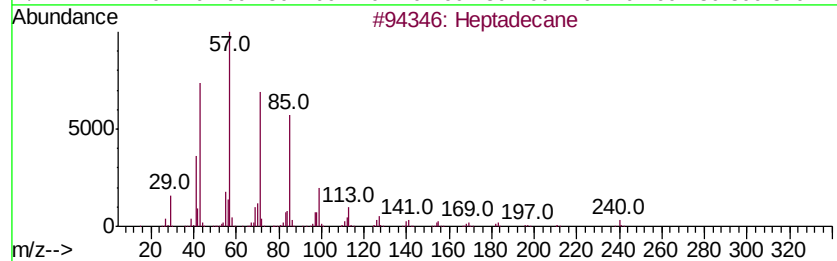
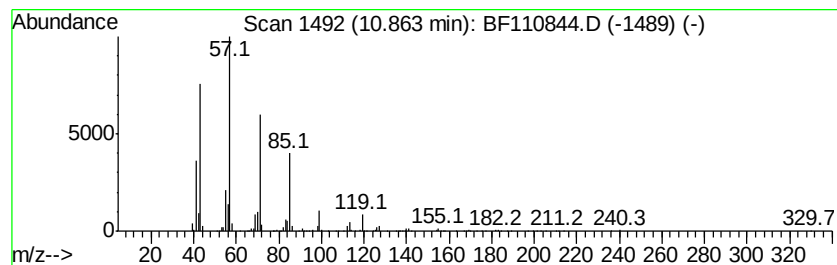
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.86	13.82 ng	894814	Phenanthrene-d10	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	91
2	Tridecane	184 C13H28	000629-50-5	90
3	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	86
4	Octacosane	394 C28H58	000630-02-4	80
5	Hexadecane	226 C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
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Sample : J5975-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

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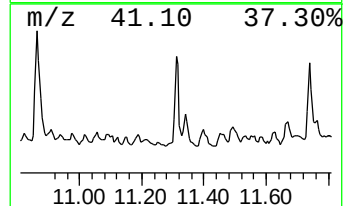
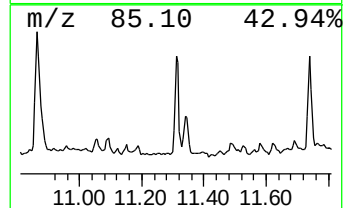
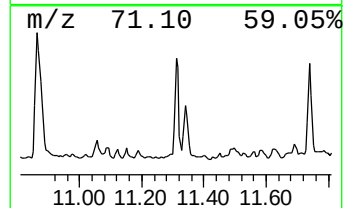
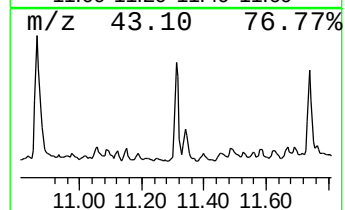
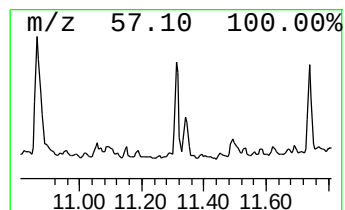
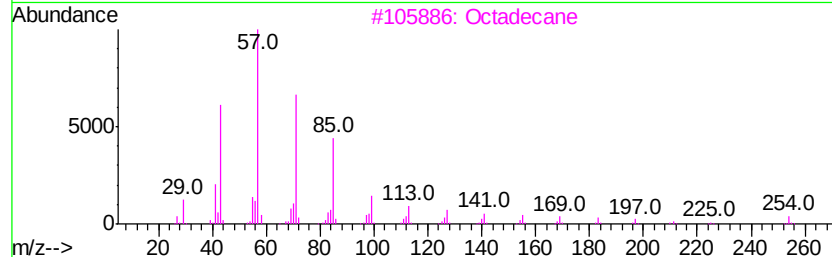
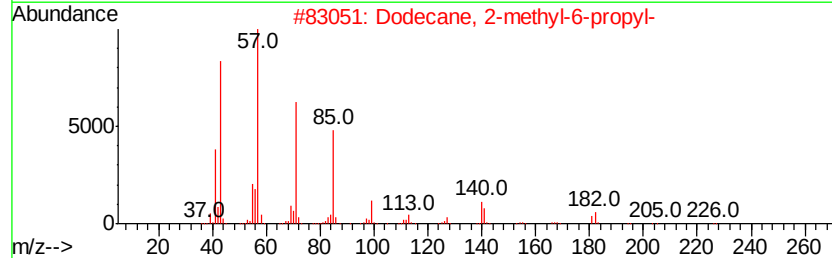
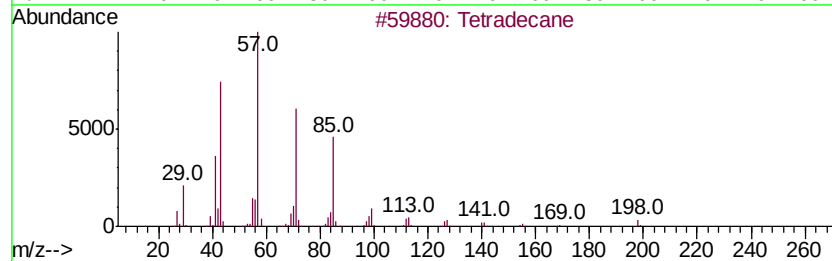
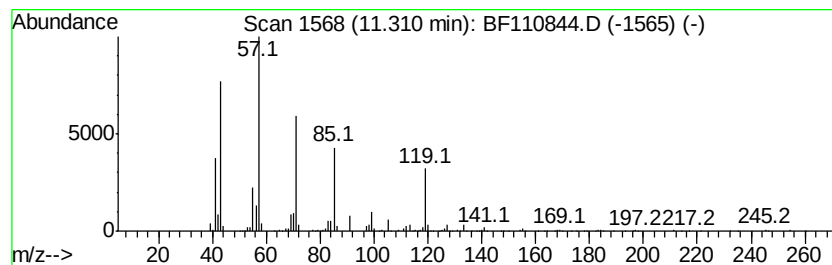
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	9.66 ng	625323	Phenanthrene-d10	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
3		Octadecane	254	C18H38	000593-45-3	64
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	60
5		Decane, 5-propyl-	184	C13H28	017312-62-8	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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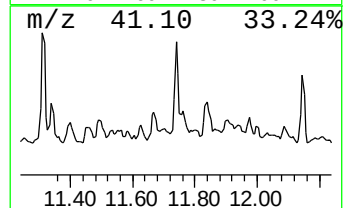
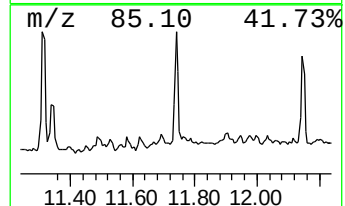
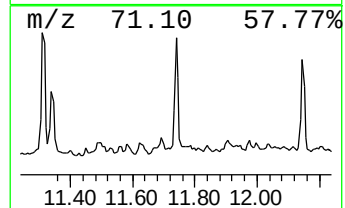
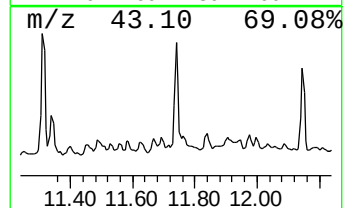
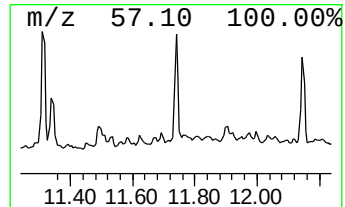
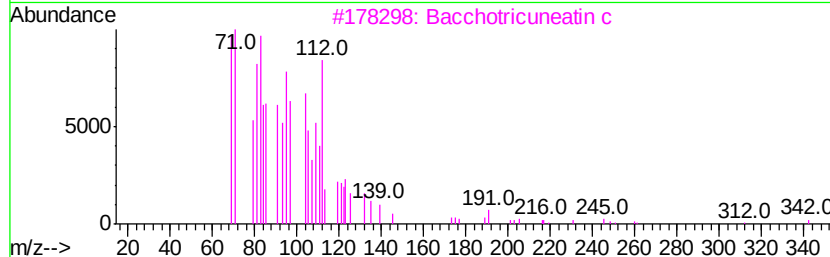
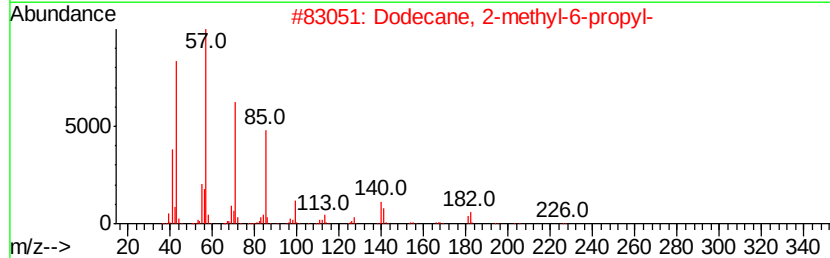
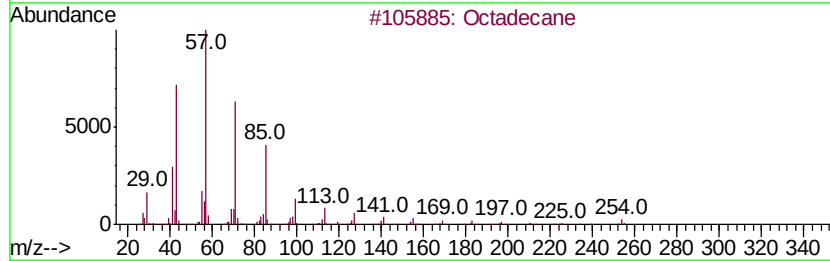
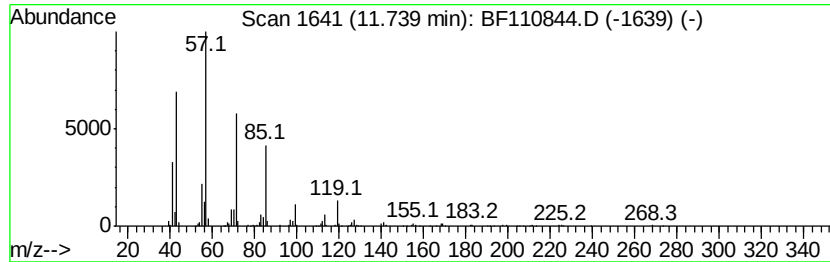
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.74	7.26 ng	470017	Phenanthrene-d10		11.48
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Hexadecane	226	C16H34	000544-76-3	70
5	Heptadecane	240	C17H36	000629-78-7	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
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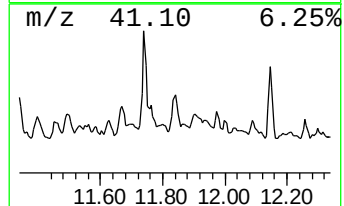
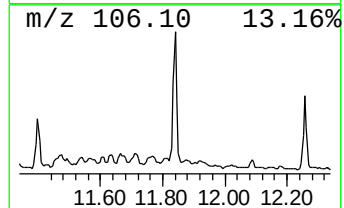
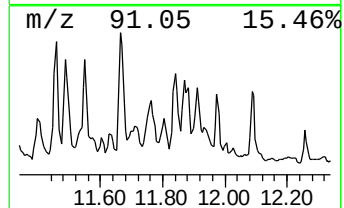
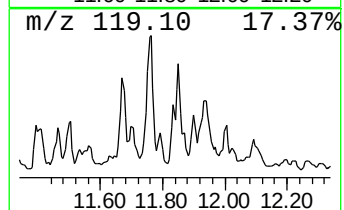
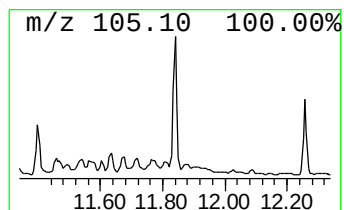
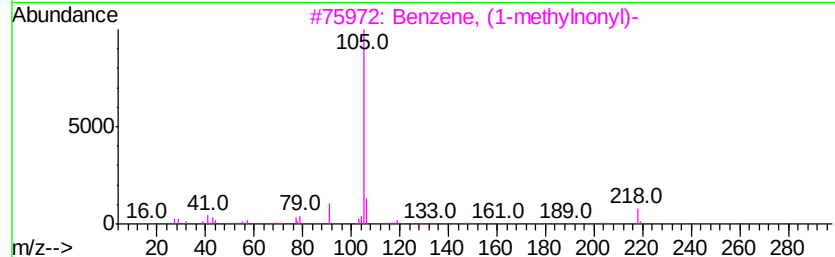
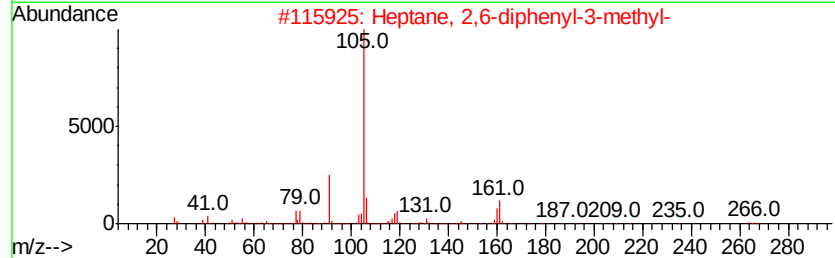
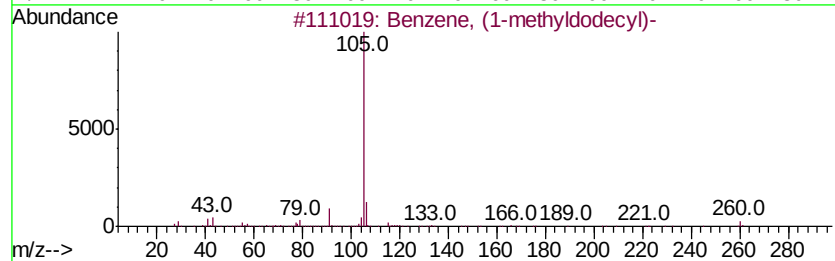
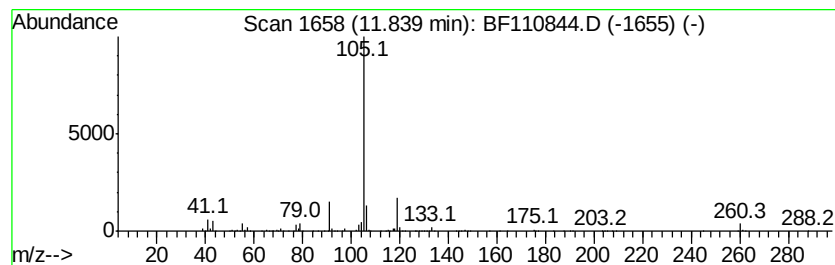
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzene, (1-methyldodecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	8.54 ng	552598	Phenanthrene-d10	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	68
2			Heptane, 2,6-diphenyl-3-methyl-	266	C20H26	1000161-22-5	53
3			Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	50
4			Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	50
5			Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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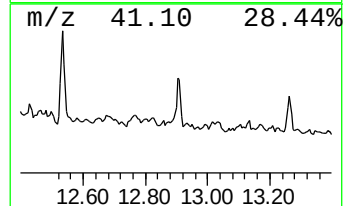
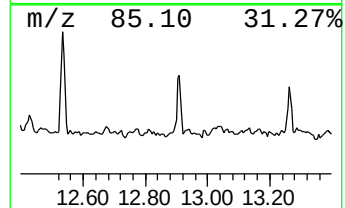
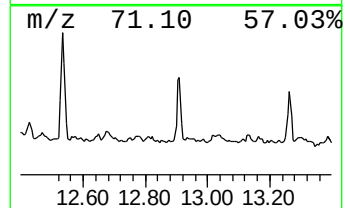
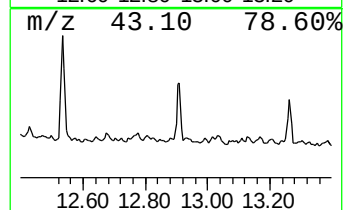
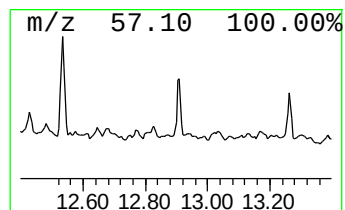
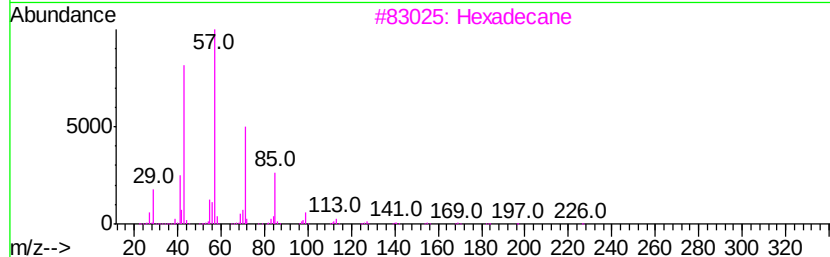
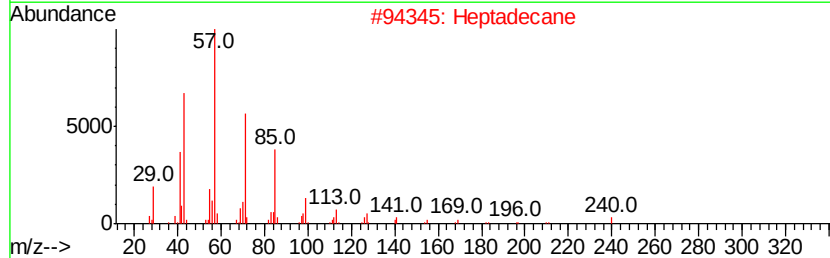
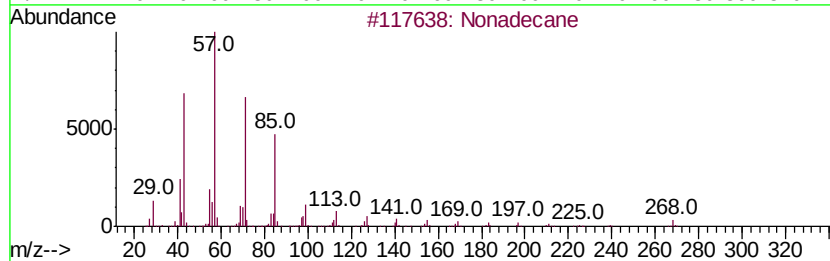
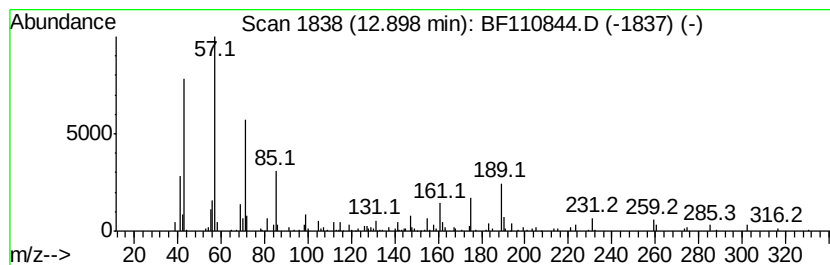
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TIC Integration Parameters: LSCINT.P

Peak Number 17 Nonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	7.34 ng	181676	Chrysene-d12	14.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
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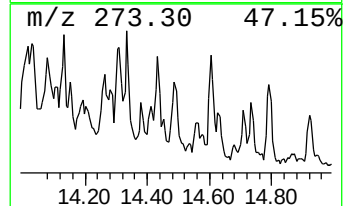
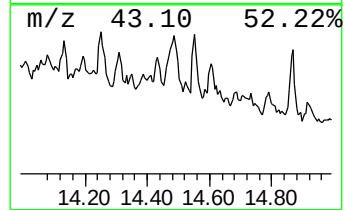
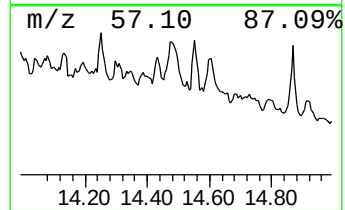
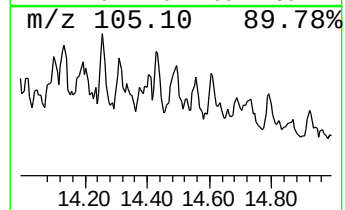
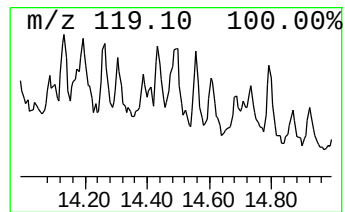
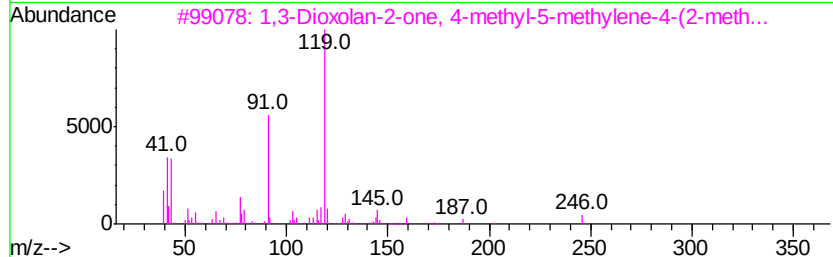
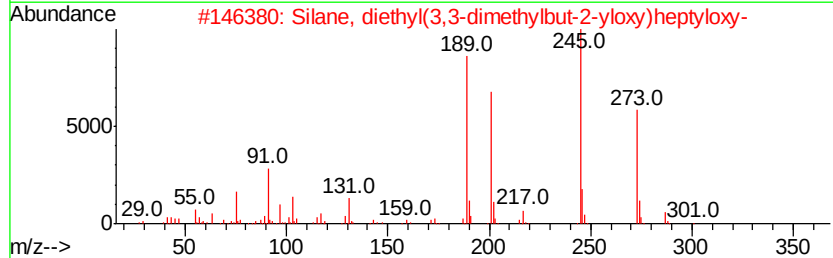
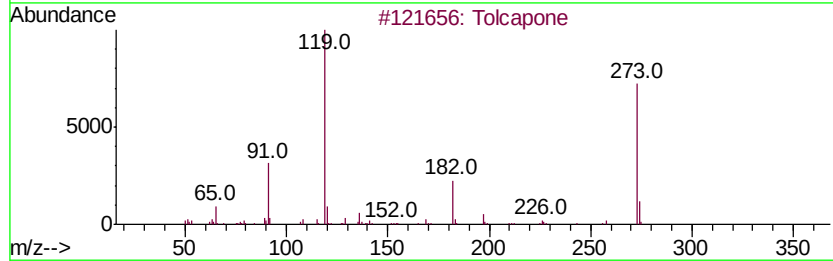
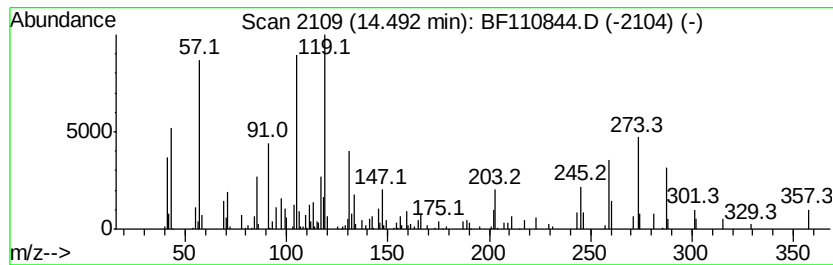
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VB44949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown14.49 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
14.49	7.60 ng	187944	Chrysene-d12		14.13		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tolcapone	273	C14H11NO5	134308-13-7	27
2			Silane, diethyl(3,3-dimethylbut-...	302	C17H38O2Si	1000363-47-8	22
3			1,3-Dioxolan-2-one, 4-methyl-5-m...	246	C15H18O3	1000319-92-8	20
4			Succinic acid, isohexyl trans-4-...	340	C20H36O4	1000330-17-0	16
5			N-(4-Biphenyl)-p-toluamide	287	C20H17NO	313251-13-7	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
Operator : JU/SJ
Sample : J5975-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

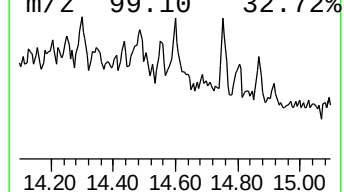
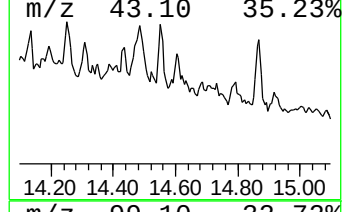
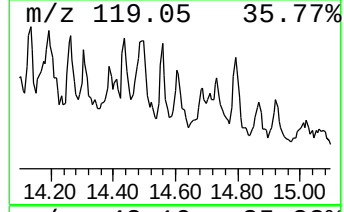
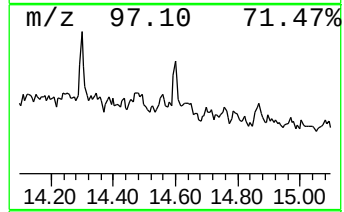
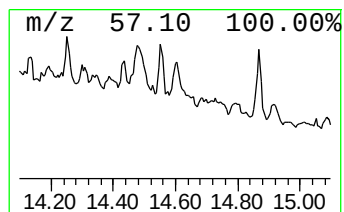
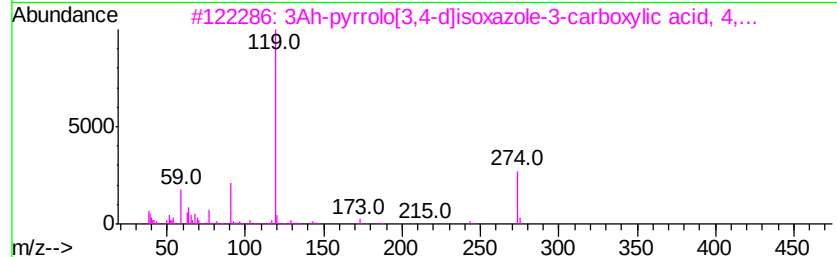
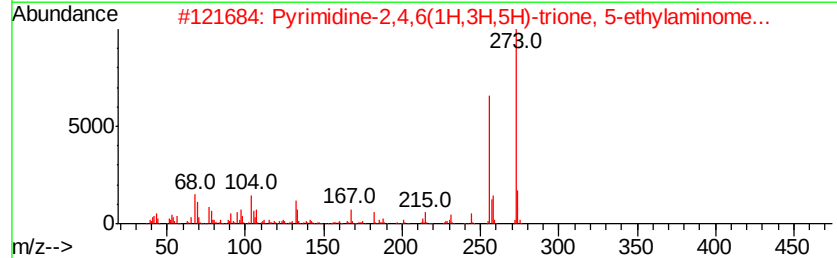
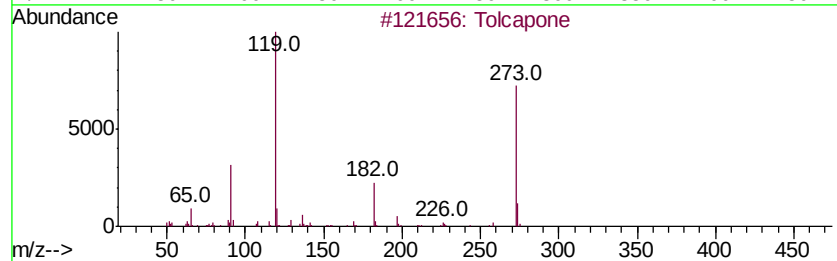
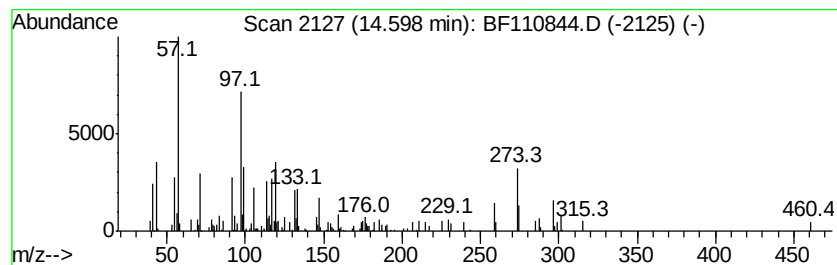
Instrument :
BNA_F
ClientSampleId :
VB44949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown14.60 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	6.76 ng	167368	Chrysene-d12	14.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tolcapone	273 C14H11N05	134308-13-7 12
2		Pyrimidine-2,4,6(1H,3H,5H)-trion...	273 C14H15N3O3	346612-10-0 11
3		3Ah-pyrrolo[3,4-d]isoxazole-3-ca...	274 C13H10N2O5	1000317-17-8 11
4		1-Butyryloxymethyl-3-iodomethyl-...	374 C10H23IO3Si2	1000280-22-0 10
5		Benzamide, 3-chloro-N-[(phenylam...	274 C14H11ClN2O2	056438-00-7 10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
Data File : BF110844.D
Acq On : 19 Nov 2018 11:17
Operator : JU/SJ
Sample : J5975-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VB44949

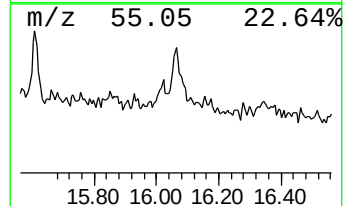
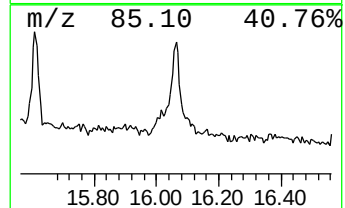
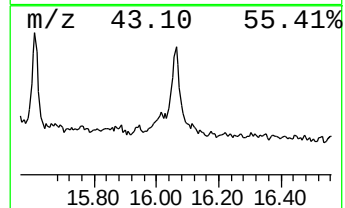
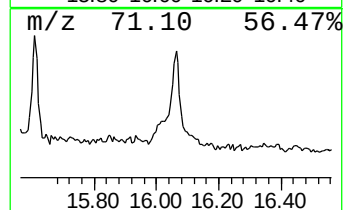
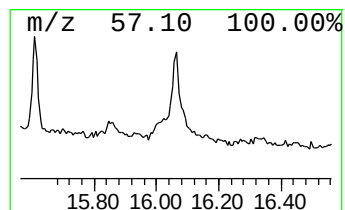
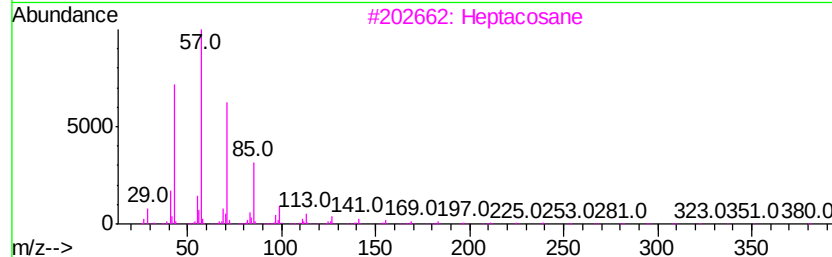
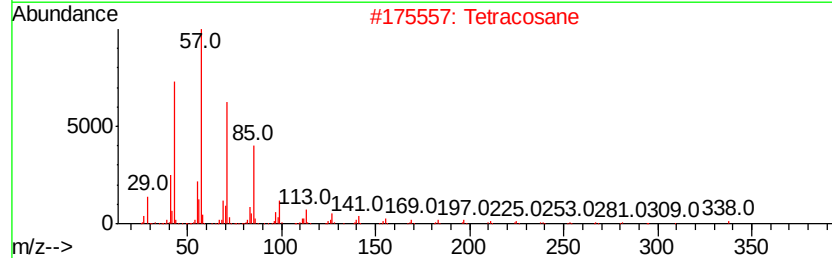
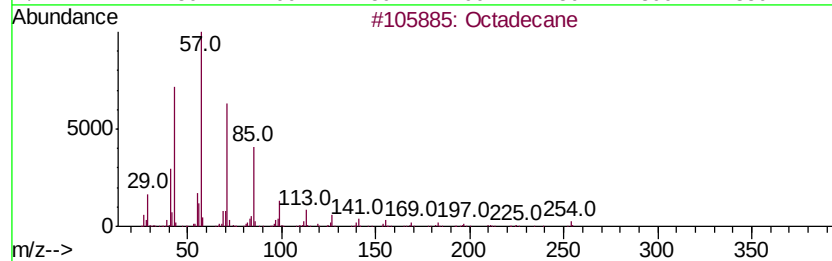
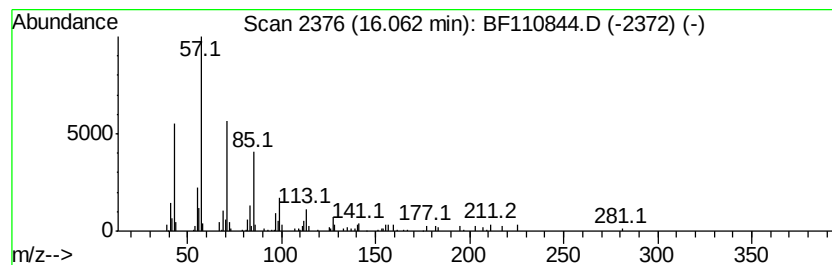
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	6.72 ng	153248	Perylene-d12	15.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Heptacosane	380	C27H56	000593-49-7	80
4		Hexadecane	226	C16H34	000544-76-3	80
5		Heneicosane	296	C21H44	000629-94-7	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111918\
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 Acq On : 19 Nov 2018 11:17
 Operator : JU/SJ
 Sample : J5975-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB44949

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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
unknown6.71	6.71	70.7	ng	1559940	1	6.94	441125	20.0
Decane	6.76	7.2	ng	158158	1	6.94	441125	20.0
unknown8.50	8.50	8.8	ng	271178	2	8.22	616649	20.0
Tridecane	8.62	7.0	ng	214289	2	8.22	616649	20.0
Naphthalene, 1,2,...	8.72	9.3	ng	286573	2	8.22	616649	20.0
Dodecane	8.79	21.3	ng	655972	2	8.22	616649	20.0
Naphthalene, 1,2,...	9.04	9.2	ng	282756	2	8.22	616649	20.0
Tetradecane	9.36	21.8	ng	708198	3	9.98	650326	20.0
Hexadecane	9.89	21.2	ng	690319	3	9.98	650326	20.0
Bacchotricuneatin c	10.39	20.7	ng	673272	3	9.98	650326	20.0
Pentadecane, 2,6,...	10.61	13.0	ng	421479	3	9.98	650326	20.0
Heptadecane	10.86	13.8	ng	894814	4	11.48	1294840	20.0
Dodecane, 2-methy...	11.31	9.7	ng	625323	4	11.48	1294840	20.0
Octadecane	11.74	7.3	ng	470017	4	11.48	1294840	20.0
Benzene, (1-methy...	11.84	8.5	ng	552598	4	11.48	1294840	20.0
Nonadecane	12.90	7.3	ng	181676	5	14.13	494832	20.0
unknown14.49	14.49	7.6	ng	187944	5	14.13	494832	20.0
unknown14.60	14.60	6.8	ng	167368	5	14.13	494832	20.0
Heneicosane	16.06	6.7	ng	153248	6	15.66	456050	20.0