

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116210.D
 Acq On : 13 Aug 2019 1:02
 Operator : HP/JU
 Sample : K4085-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

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-BF073019.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	5.457	570	573	595	rBV	1856220	2148549	84.08%	4.281%
2	6.087	677	680	686	rVB3	73379	101019	3.95%	0.201%
3	6.363	724	727	730	rBV	162427	162508	6.36%	0.324%
4	6.469	742	745	755	rBV	1997707	2307489	90.30%	4.597%
5	6.575	759	763	765	rBV2	97978	126885	4.97%	0.253%
6	6.604	765	768	775	rVB	2515043	2374532	92.93%	4.731%
7	6.669	775	779	782	rBV2	663337	578060	22.62%	1.152%
8	6.833	803	807	814	rVB2	855416	999833	39.13%	1.992%
9	6.892	814	817	820	rBV	181335	160454	6.28%	0.320%
10	6.992	829	834	837	rBV	1888348	2062902	80.73%	4.110%
11	7.110	850	854	856	rVV2	314242	297645	11.65%	0.593%
12	7.139	856	859	862	rVV2	161223	216562	8.47%	0.431%
13	7.169	862	864	868	rVB3	227771	215450	8.43%	0.429%
14	7.222	869	873	876	rBV2	366854	403180	15.78%	0.803%
15	7.257	876	879	884	rVB4	84605	114487	4.48%	0.228%
16	7.369	892	898	900	rBV2	331543	431967	16.90%	0.861%
17	7.398	900	903	906	rVV	1428111	1492709	58.42%	2.974%
18	7.428	906	908	912	rVB	1595290	1236990	48.41%	2.465%
19	7.481	912	917	919	rVB5	300714	415354	16.25%	0.828%
20	7.516	919	923	925	rBV4	143186	193623	7.58%	0.386%
21	7.539	925	927	932	rVB3	143337	141464	5.54%	0.282%
22	7.610	936	939	941	rVV2	204447	198150	7.75%	0.395%
23	7.633	941	943	946	rVB2	355183	337888	13.22%	0.673%
24	7.733	953	960	962	rBV3	360365	530360	20.76%	1.057%
25	7.751	962	963	967	rVB4	262480	241555	9.45%	0.481%
26	7.798	967	971	973	rVB2	282482	294865	11.54%	0.587%
27	7.828	973	976	978	rBV3	318162	275150	10.77%	0.548%
28	7.863	978	982	987	rVB4	387851	526952	20.62%	1.050%
29	7.904	987	989	991	rBV	192813	153350	6.00%	0.306%
30	7.933	991	994	995	rVV3	150069	135535	5.30%	0.270%
31	7.951	995	997	1000	rVB	212552	159618	6.25%	0.318%
32	7.980	1000	1002	1006	rBV2	171549	190850	7.47%	0.380%
33	8.016	1006	1008	1010	rBV2	125594	96456	3.77%	0.192%
34	8.051	1011	1014	1015	rBV2	135991	129724	5.08%	0.258%

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35	8.063	1015	1016	1018	rVV	142649	116420	4.56%	0.232%
36	8.098	1018	1022	1023	rVV	1820342	1710555	66.94%	3.408%
37	8.110	1023	1024	1028	rVV	992551	945929	37.02%	1.885%
38	8.175	1030	1035	1037	rVB2	798547	842416	32.97%	1.678%
39	8.204	1037	1040	1042	rBV3	232161	235587	9.22%	0.469%
40	8.269	1047	1051	1052	rBV4	141922	158163	6.19%	0.315%
41	8.316	1056	1059	1061	rVB2	248609	263225	10.30%	0.524%
42	8.357	1061	1066	1069	rBV4	58238	117921	4.61%	0.235%
43	8.404	1069	1074	1081	rBV5	521551	718116	28.10%	1.431%
44	8.457	1081	1083	1086	rVB3	300586	244841	9.58%	0.488%
45	8.492	1086	1089	1092	rVB4	379642	404418	15.83%	0.806%
46	8.533	1092	1096	1098	rBV	866285	762355	29.83%	1.519%
47	8.557	1098	1100	1102	rVB	150788	108960	4.26%	0.217%
48	8.575	1102	1103	1106	rVB2	181795	137748	5.39%	0.274%
49	8.616	1107	1110	1113	rVB2	398308	329347	12.89%	0.656%
50	8.651	1113	1116	1118	rBV3	159405	184101	7.20%	0.367%
51	8.704	1122	1125	1129	rBV	1848411	1614193	63.17%	3.216%
52	8.745	1129	1132	1133	rBV2	82560	86172	3.37%	0.172%
53	8.775	1134	1137	1139	rVV3	173666	171624	6.72%	0.342%
54	8.804	1139	1142	1145	rVB3	308982	358152	14.02%	0.714%
55	8.863	1149	1152	1154	rVB3	113752	91998	3.60%	0.183%
56	8.892	1154	1157	1159	rBV3	119004	165138	6.46%	0.329%
57	8.933	1162	1164	1167	rVB2	265358	199442	7.80%	0.397%
58	8.986	1171	1173	1175	rBV3	209666	196029	7.67%	0.391%
59	9.069	1183	1187	1191	rVB4	292842	372374	14.57%	0.742%
60	9.110	1191	1194	1195	rVV2	250702	187048	7.32%	0.373%
61	9.133	1195	1198	1203	rVV2	769211	711657	27.85%	1.418%
62	9.186	1204	1207	1212	rVV	2865505	2555313	100.00%	5.091%
63	9.227	1212	1214	1216	rVB2	116841	88898	3.48%	0.177%
64	9.269	1217	1221	1225	rVV	1608711	1503036	58.82%	2.995%
65	9.310	1226	1228	1230	rVV2	199548	226411	8.86%	0.451%
66	9.339	1231	1233	1236	rVV2	289606	284622	11.14%	0.567%
67	9.457	1251	1253	1256	rVB3	108164	92890	3.64%	0.185%
68	9.504	1258	1261	1262	rVV2	99651	102372	4.01%	0.204%
69	9.522	1262	1264	1266	rVV2	204619	219942	8.61%	0.438%
70	9.545	1266	1268	1271	rVV3	215285	201412	7.88%	0.401%
71	9.586	1271	1275	1278	rVV4	892686	1091680	42.72%	2.175%

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 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	9.610	1278	1279	1283	rVV2	258533	216966	8.49%	0.432%
73	9.645	1283	1285	1288	rVB2	220580	164497	6.44%	0.328%
74	9.798	1308	1311	1315	rVB	1080280	871045	34.09%	1.735%
75	9.833	1315	1317	1319	rBV3	100056	110718	4.33%	0.221%
76	9.869	1320	1323	1327	rVB	1324485	1112340	43.53%	2.216%
77	9.974	1338	1341	1346	rVB5	78281	92128	3.61%	0.184%
78	10.027	1347	1350	1353	rBV2	103061	145587	5.70%	0.290%
79	10.122	1362	1366	1369	rVV2	197358	258367	10.11%	0.515%
80	10.186	1374	1377	1381	rBV4	87347	137491	5.38%	0.274%
81	10.292	1390	1395	1398	rBV	577444	576476	22.56%	1.149%
82	10.351	1403	1405	1411	rVB2	76484	106206	4.16%	0.212%
83	10.516	1429	1433	1439	rVB	249575	297195	11.63%	0.592%
84	10.657	1454	1457	1468	rVB	1435100	1528388	59.81%	3.045%
85	10.769	1473	1476	1485	rVB	363917	538005	21.05%	1.072%
86	11.216	1548	1552	1554	rBV	189776	178095	6.97%	0.355%
87	11.245	1554	1557	1562	rVB	156604	170474	6.67%	0.340%
88	11.357	1572	1576	1585	rBV	1118995	1181132	46.22%	2.353%
89	11.639	1621	1624	1628	rVB	162101	128918	5.05%	0.257%
90	11.874	1661	1664	1672	rBV4	93608	142832	5.59%	0.285%
91	12.045	1690	1693	1696	rBV	119847	95031	3.72%	0.189%
92	12.433	1756	1759	1764	rVB	120942	122816	4.81%	0.245%
93	12.574	1780	1783	1786	rBV	102688	132390	5.18%	0.264%
94	12.804	1819	1822	1828	rVB	163774	170668	6.68%	0.340%
95	12.933	1840	1844	1854	rVB	2439430	2228834	87.22%	4.441%
96	13.833	1994	1997	2007	rBV4	133672	322366	12.62%	0.642%
97	13.998	2022	2025	2033	rBV	788359	828601	32.43%	1.651%
98	14.145	2047	2050	2053	rBV	118835	121994	4.77%	0.243%
99	14.451	2099	2102	2104	rBV	104560	94249	3.69%	0.188%
100	15.468	2271	2275	2280	rVB	620136	865116	33.86%	1.724%

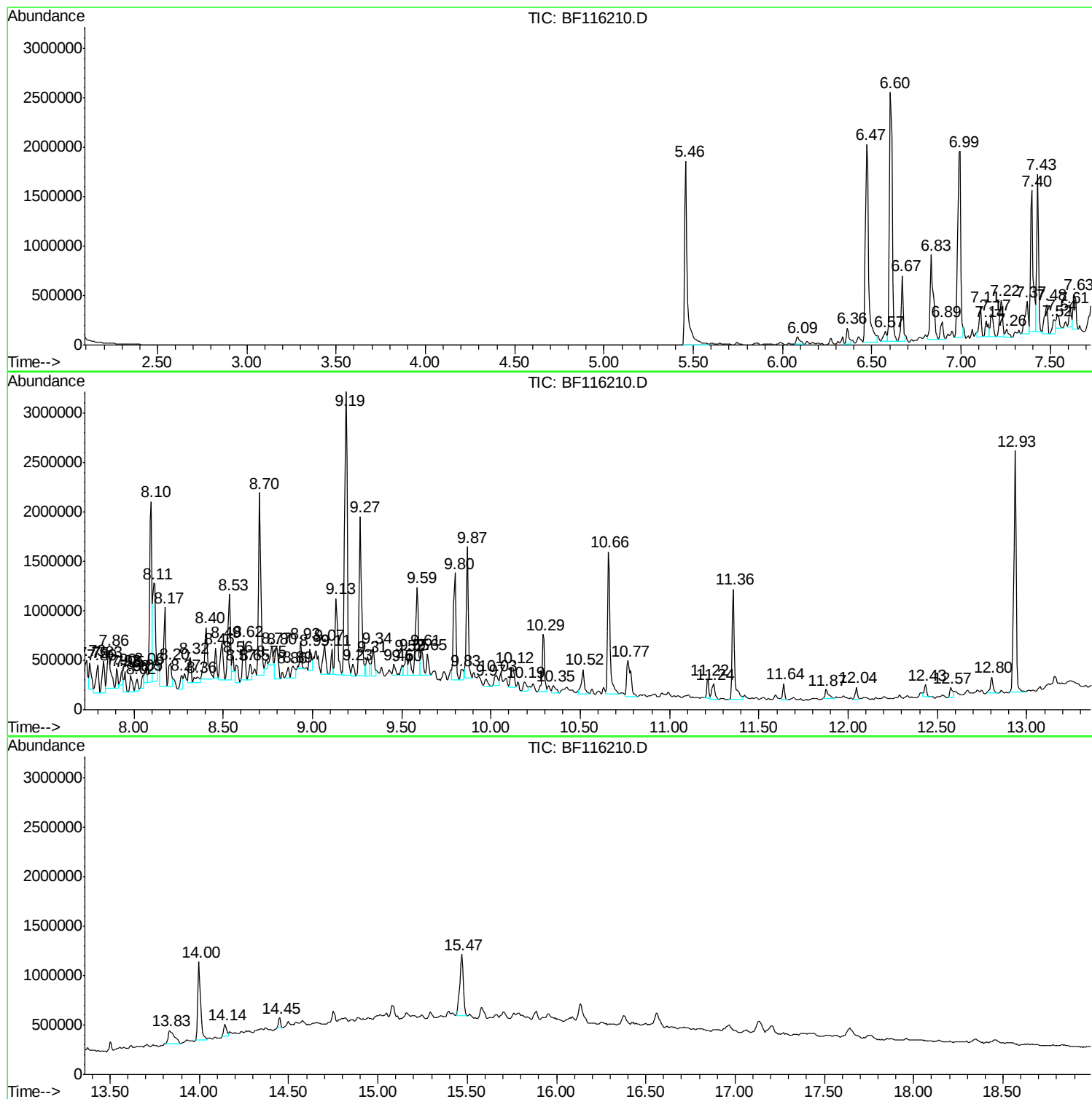
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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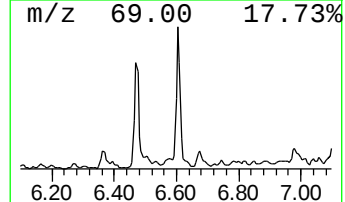
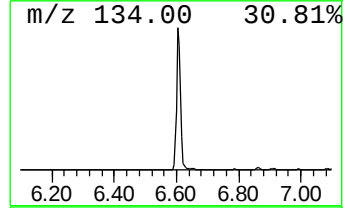
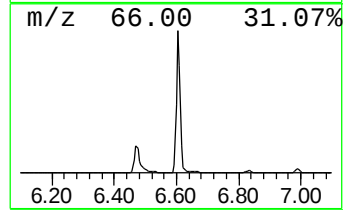
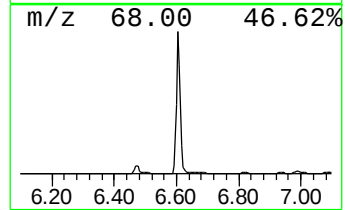
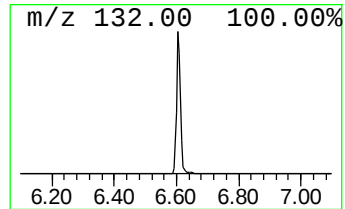
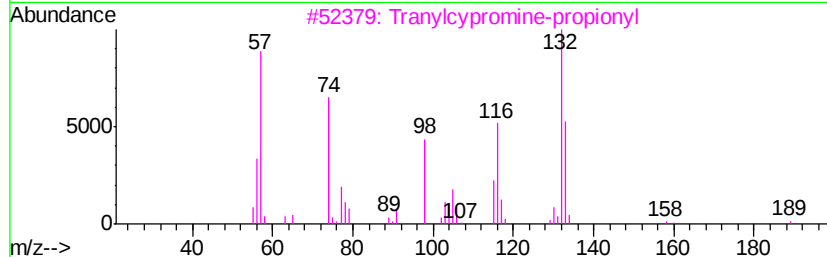
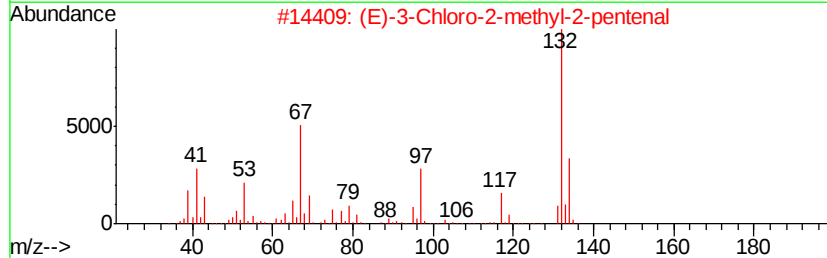
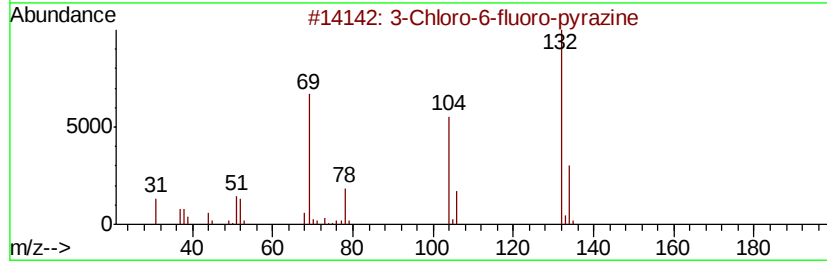
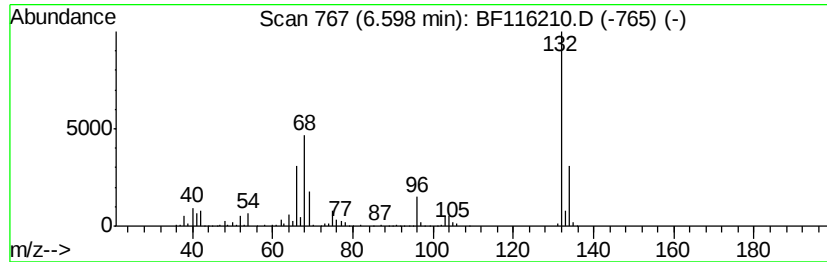
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	47.50 ng	2374530	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3		Tranvlcvpromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Xenon	132	Xe	007440-63-3	9
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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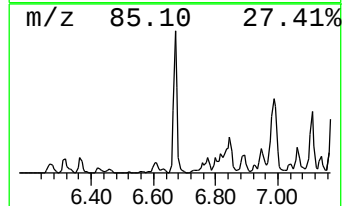
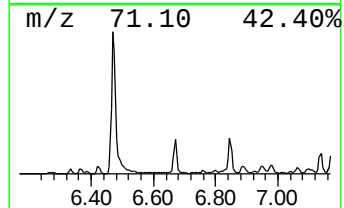
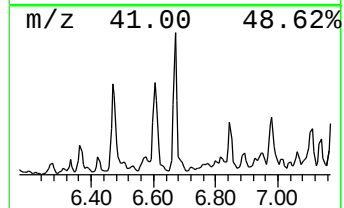
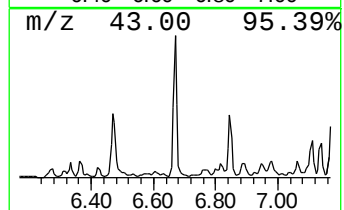
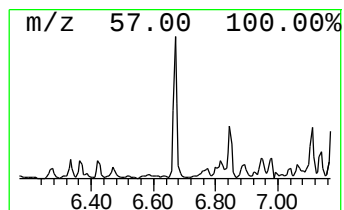
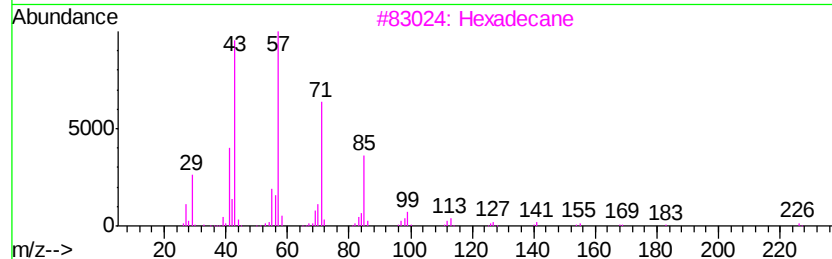
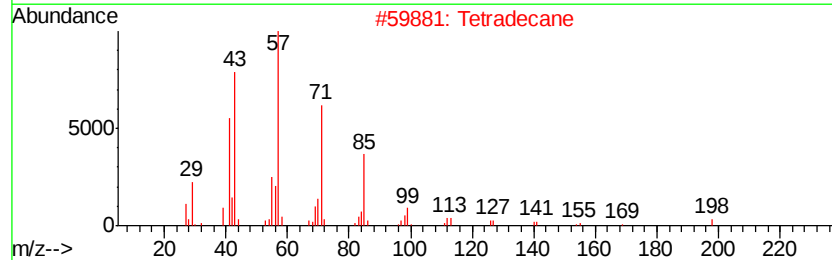
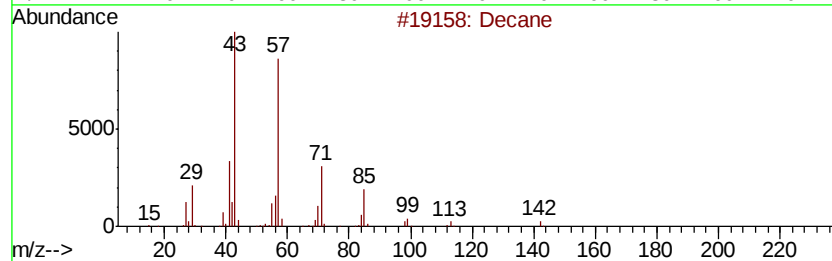
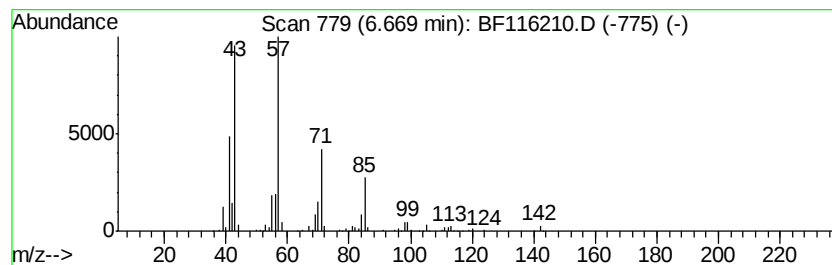
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	11.56 ng	578060	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	94
2	Tetradecane			198	C14H30	000629-59-4	90
3	Hexadecane			226	C16H34	000544-76-3	78
4	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	72
5	Decane, 2,3,6-trimethyl-			184	C13H28	062238-12-4	72



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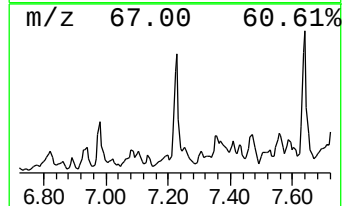
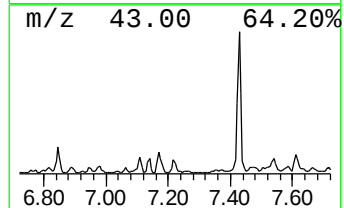
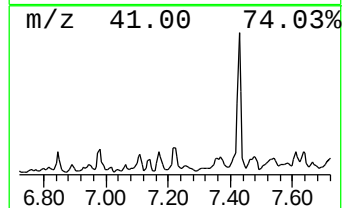
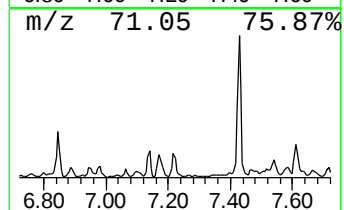
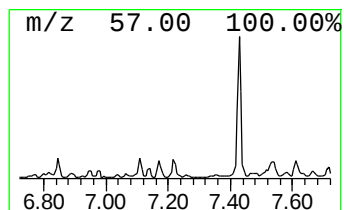
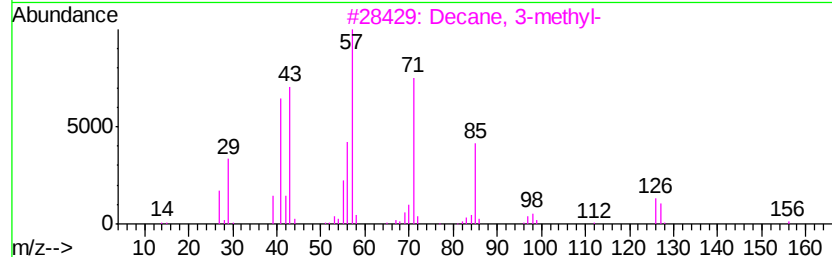
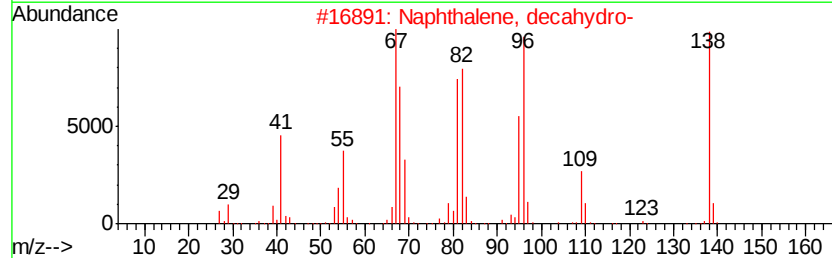
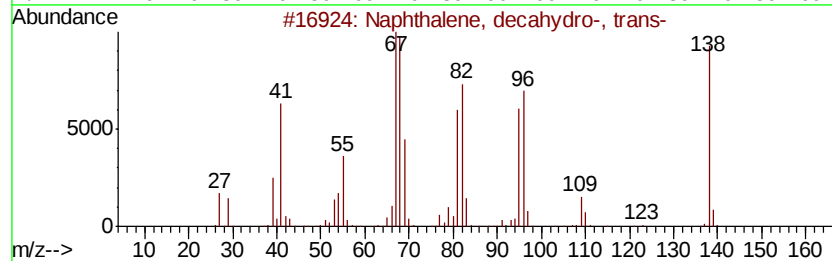
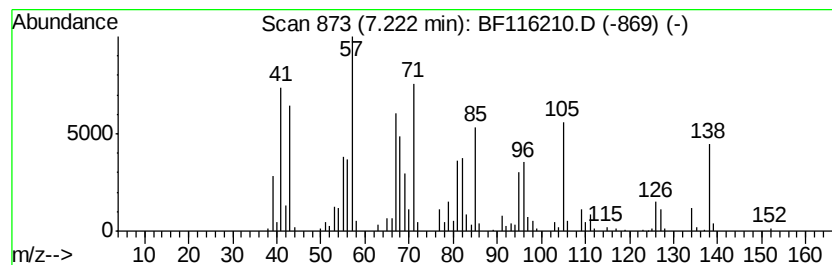
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, decahydro-, tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	8.06 ng	403180	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	95
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	90
3		Decane, 3-methyl-	156	C11H24	013151-34-3	38
4		Cyclohexanol, 5-methyl-2-(1-meth...	156	C10H20O	023283-97-8	35
5		Cyclohexanol, 1-methyl-4-(1-meth...	156	C10H20O	021129-27-1	35



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Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
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ClientSampleId :
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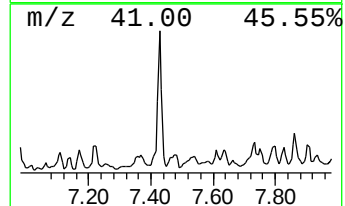
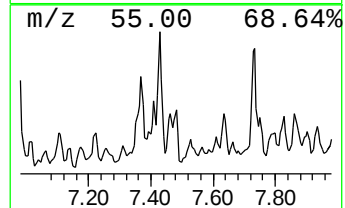
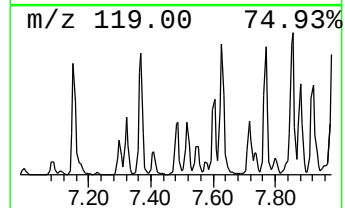
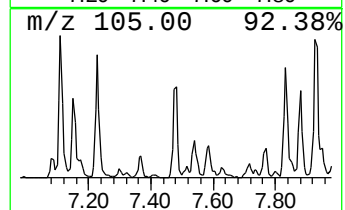
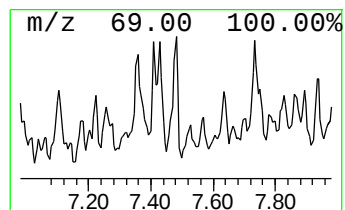
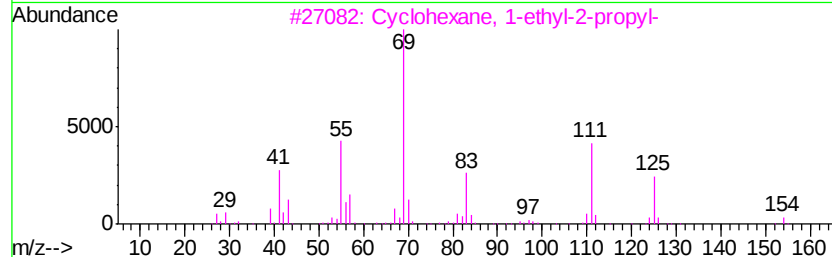
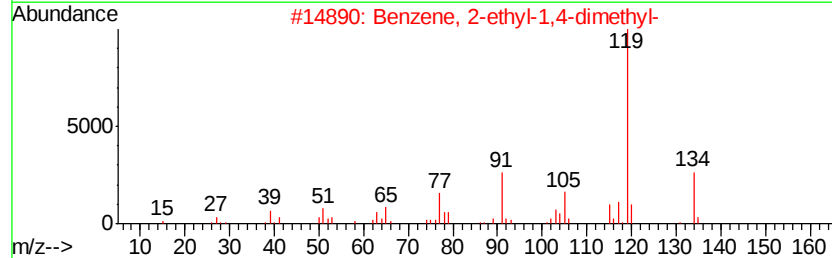
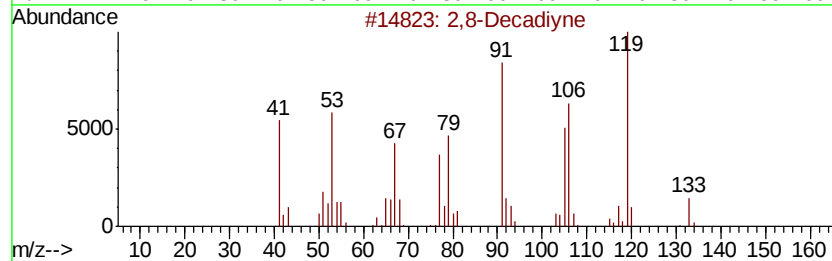
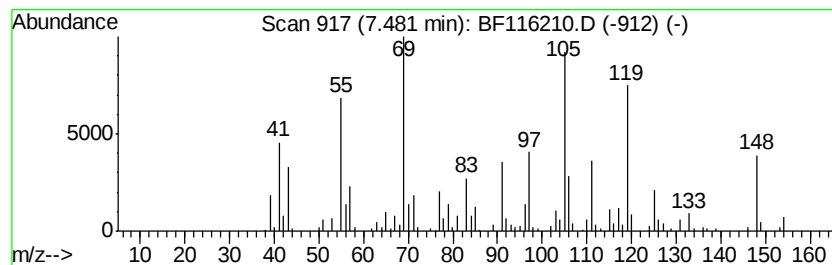
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown7.48 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	8.78 ng	415354	Napthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Decadiyne			134	C10H14	004116-93-2	38
2	Benzene, 2-ethyl-1,4-dimethyl-			134	C10H14	001758-88-9	35
3	Cyclohexane, 1-ethyl-2-propyl-			154	C11H22	062238-33-9	30
4	1(3H)-Isobenzofuranone, 5-methyl-			148	C9H8O2	054120-64-8	25
5	Acetic acid, trifluoro-, 1-methy...			154	C5H5F3O2	000400-39-5	22



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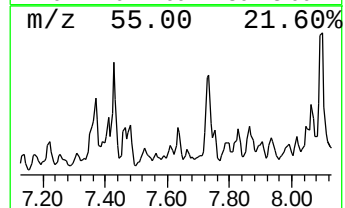
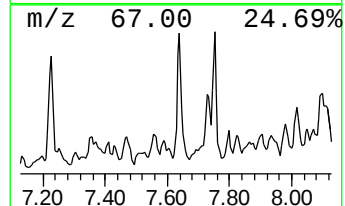
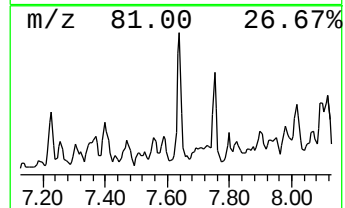
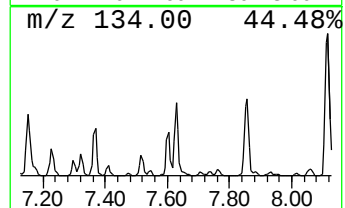
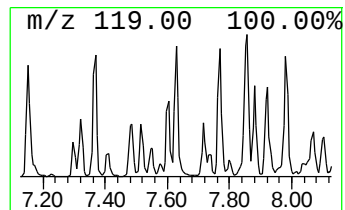
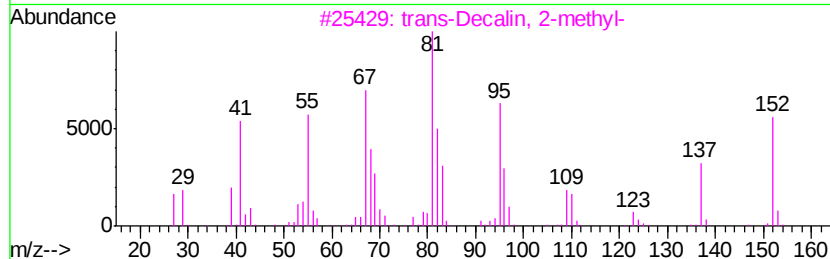
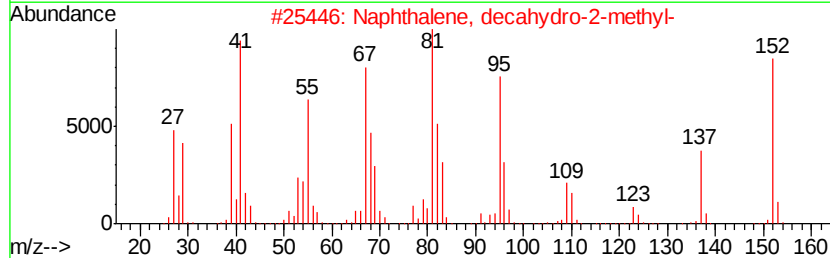
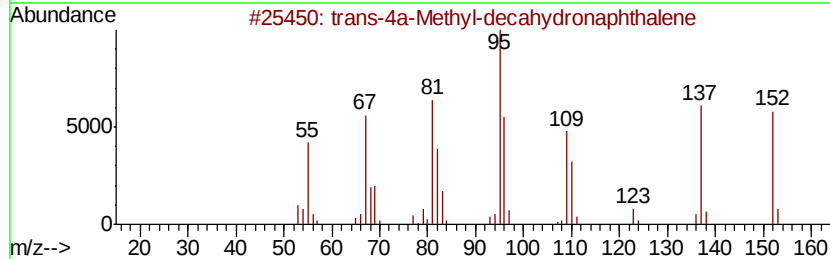
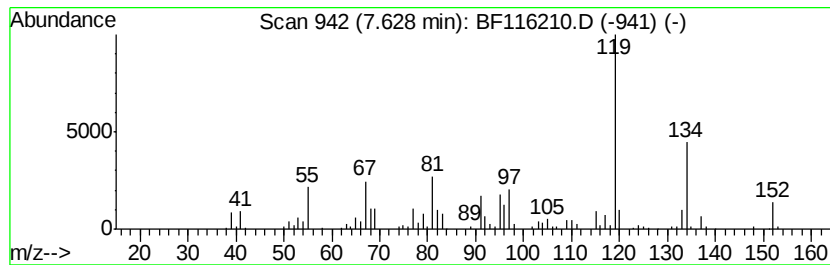
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 trans-4a-Methyl-decahydrona... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	7.14 ng	337888	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	91
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		Pulegone	152	C10H16O	000089-82-7	76
5		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	70



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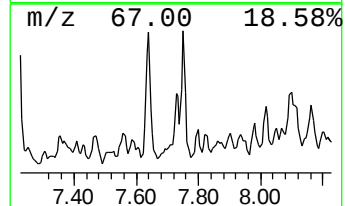
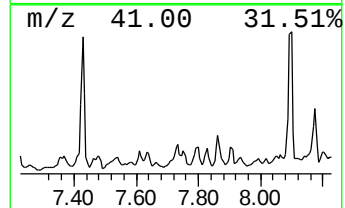
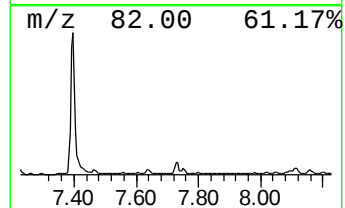
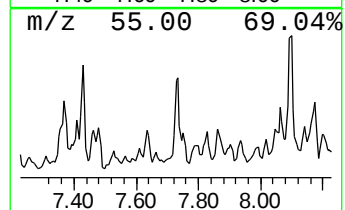
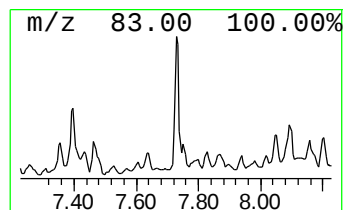
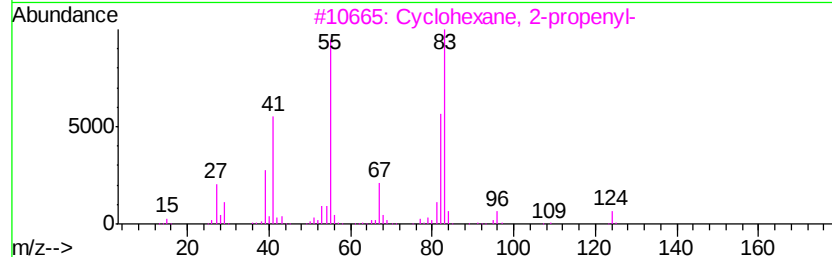
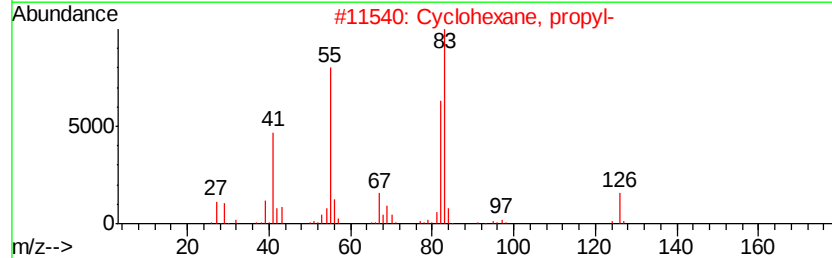
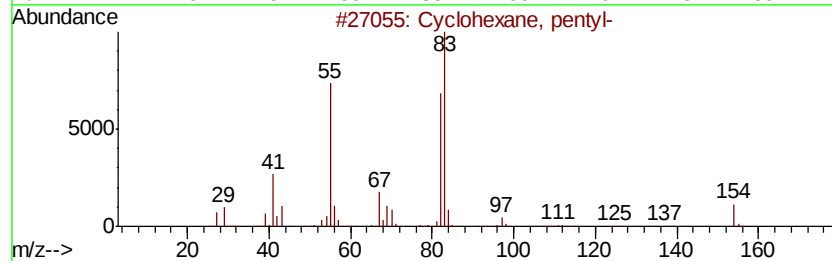
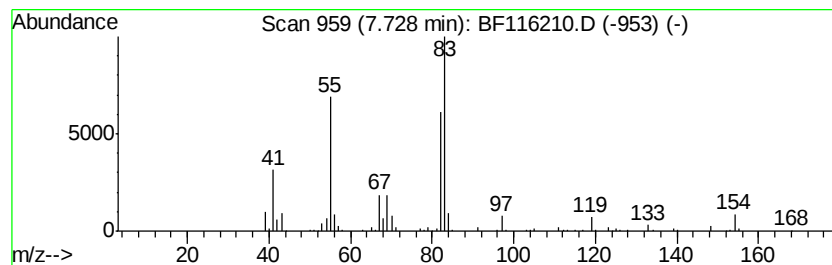
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, pentyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	11.21 ng	530360	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	64
3		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
5		Cyclohexane, (3-methylpentyl)-	168	C12H24	061142-38-9	59



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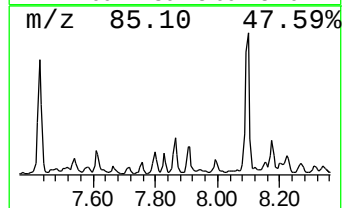
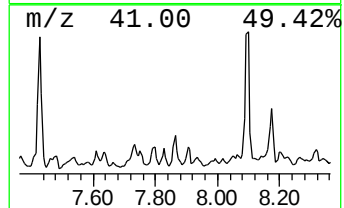
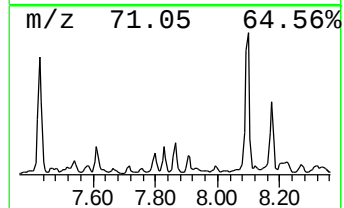
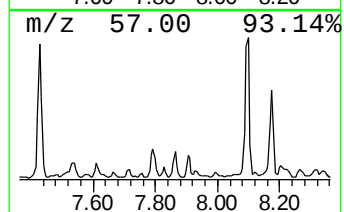
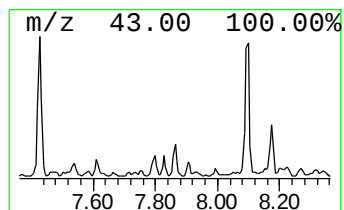
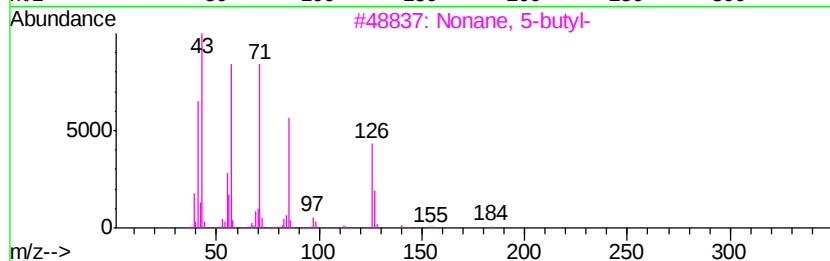
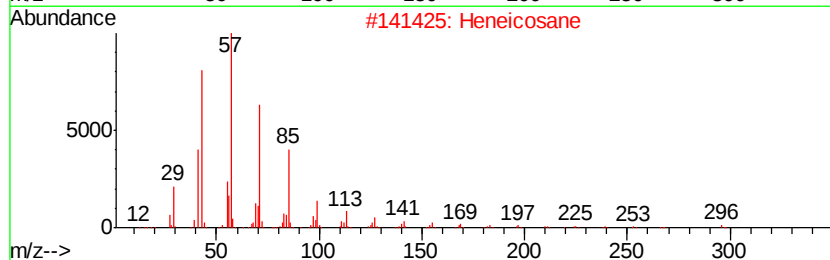
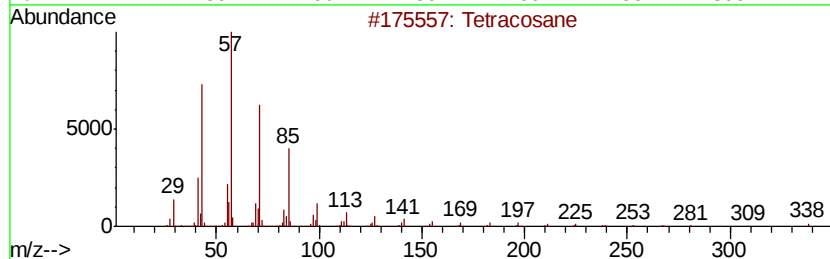
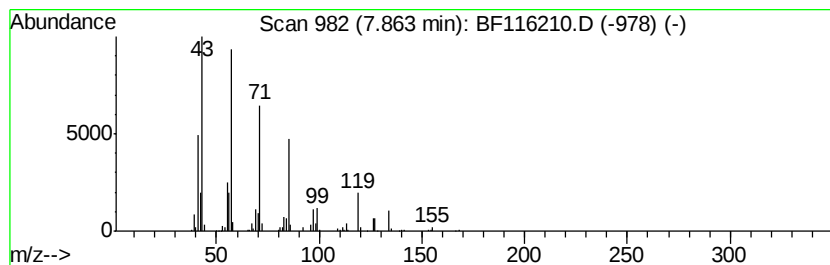
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetracosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	11.14 ng	526952	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	58
2		Heneicosane	296	C21H44	000629-94-7	53
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	53
4		Octacosane	394	C28H58	000630-02-4	53
5		Hexadecane	226	C16H34	000544-76-3	50



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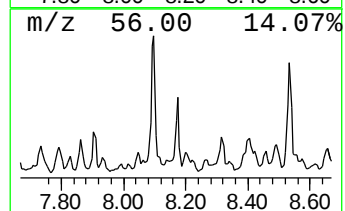
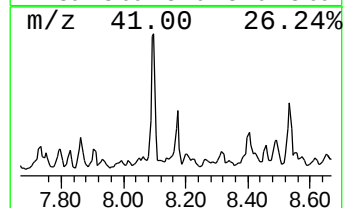
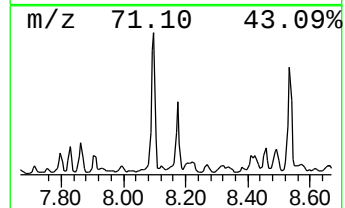
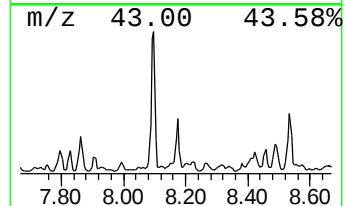
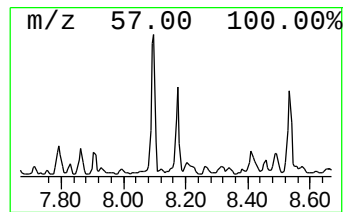
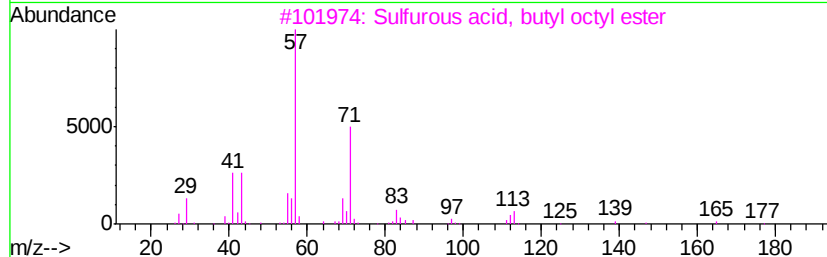
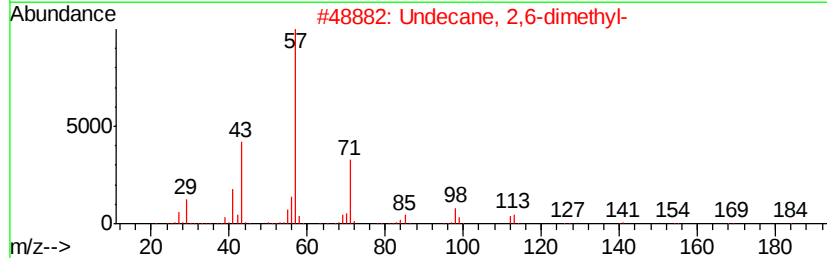
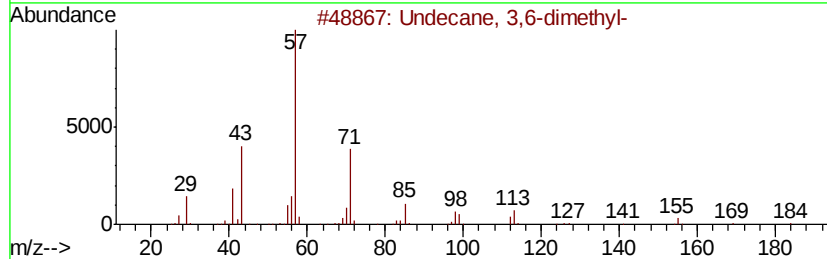
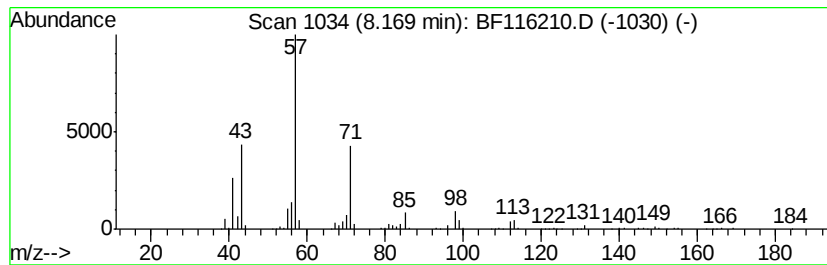
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Undecane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	17.81 ng	842416	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	90
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
3		Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64
4		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



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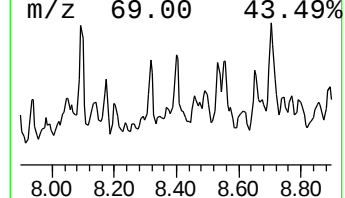
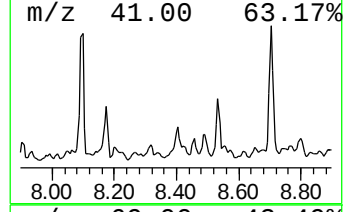
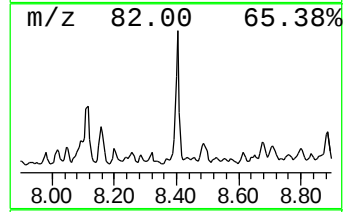
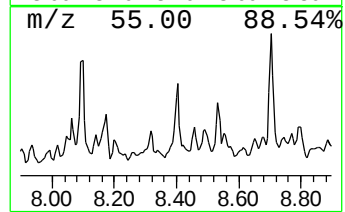
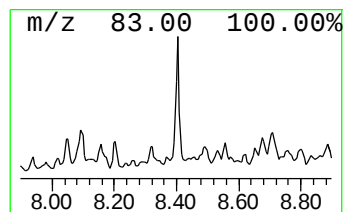
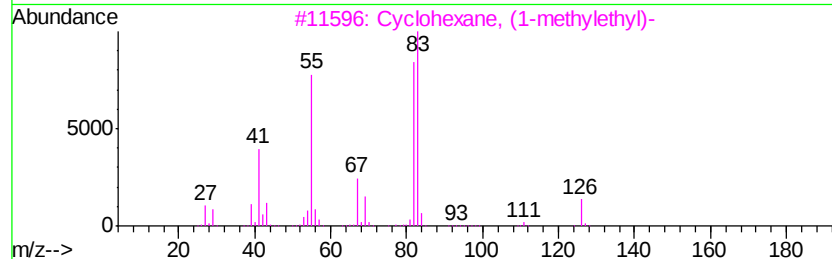
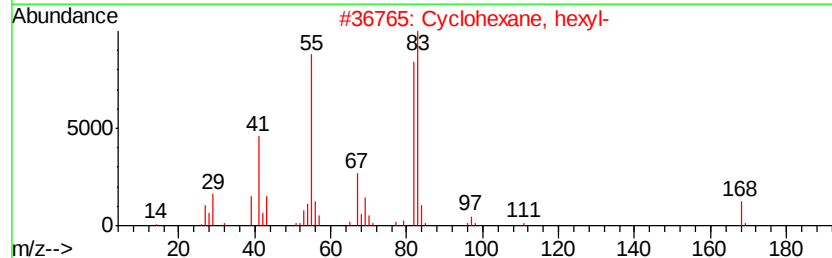
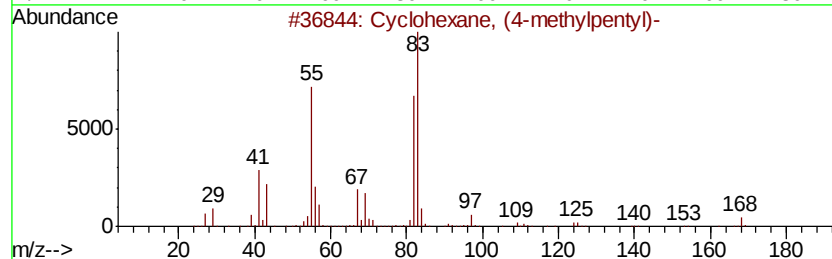
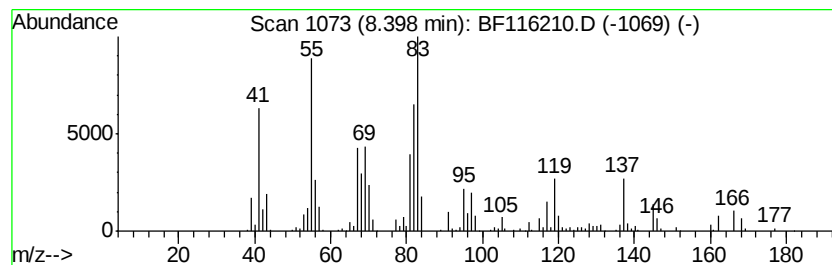
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Cyclohexane, (4-methylpentyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	15.18 ng	718116	Napthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	64
2		Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
3		Cyclohexane, (1-methyllethyl)-	126	C9H18	000696-29-7	53
4		Cyclohexane, butyl-	140	C10H20	001678-93-9	53
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



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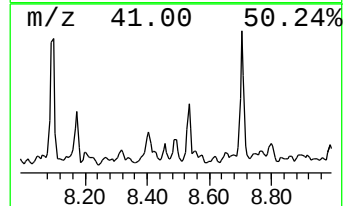
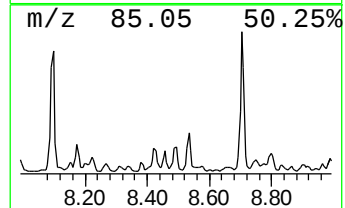
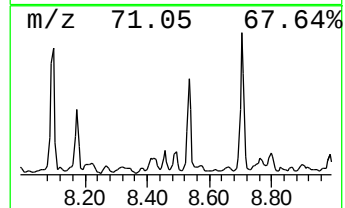
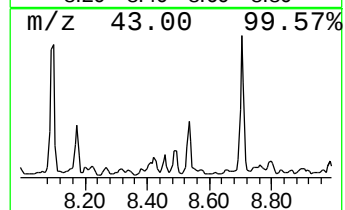
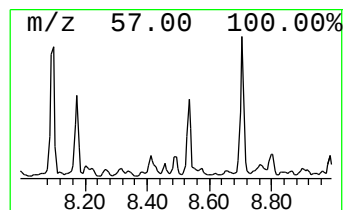
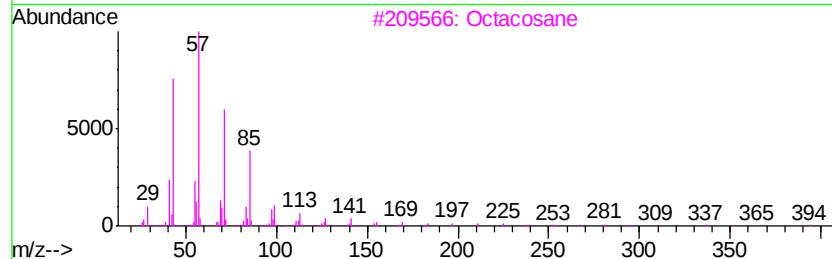
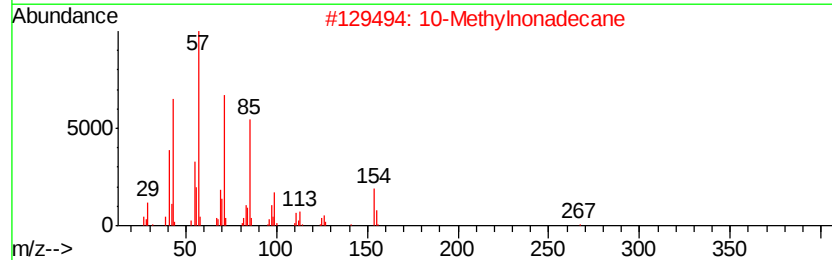
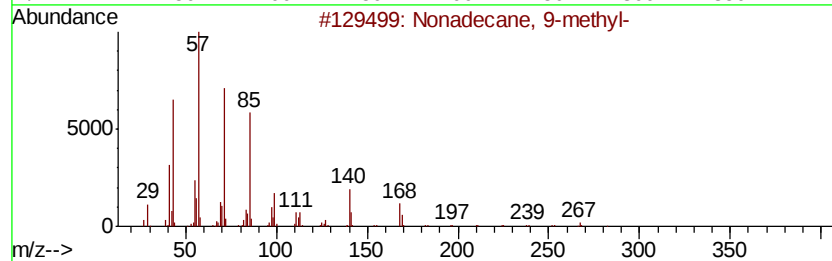
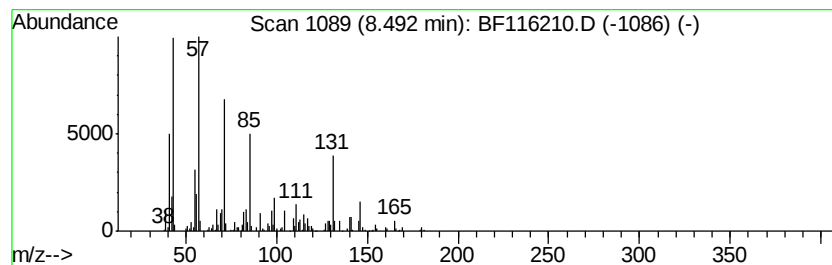
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	8.55 ng	404418	Naphthalene-d8	8.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane, 9-methyl-	282	C20H42	013287-24-6	52
2			10-Methylnonadecane	282	C20H42	056862-62-5	52
3			Octacosane	394	C28H58	000630-02-4	49
4			9-methylheptadecane	254	C18H38	026741-18-4	49
5			Dodecane, 2-methyl-	184	C13H28	001560-97-0	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-080919-B

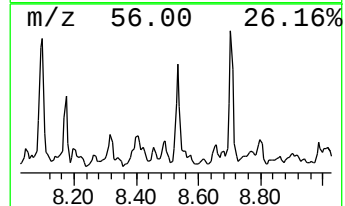
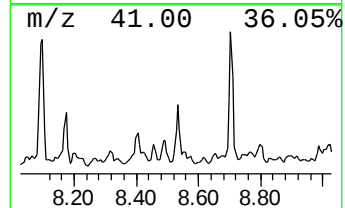
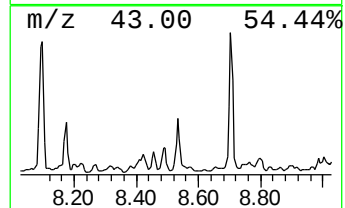
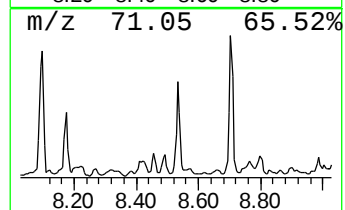
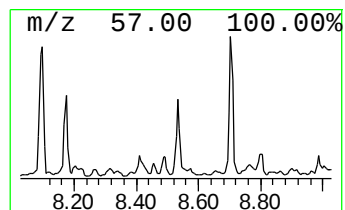
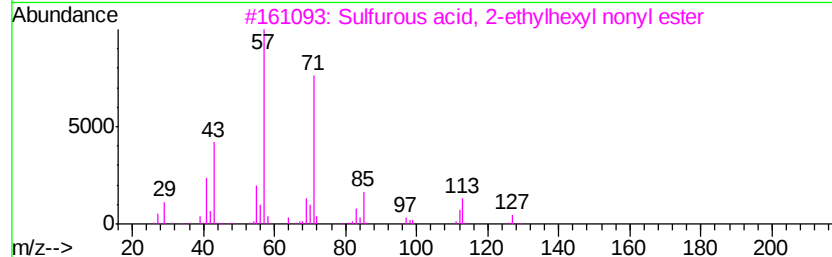
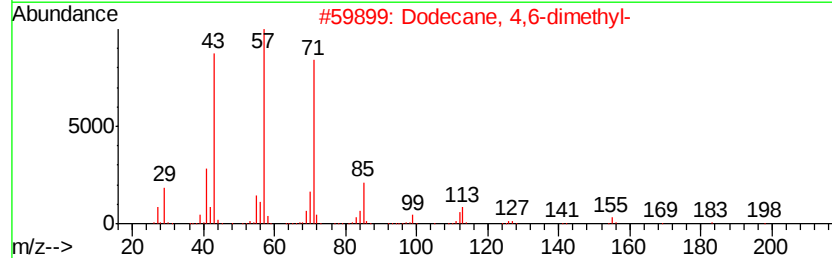
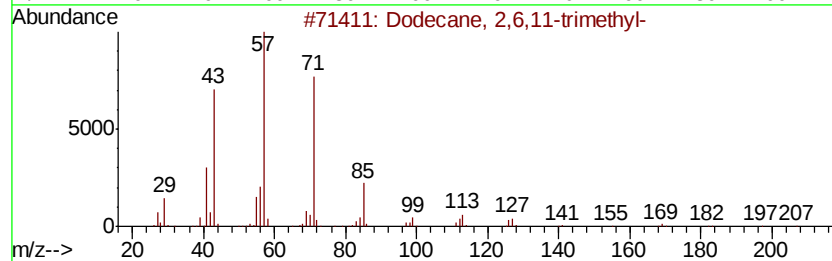
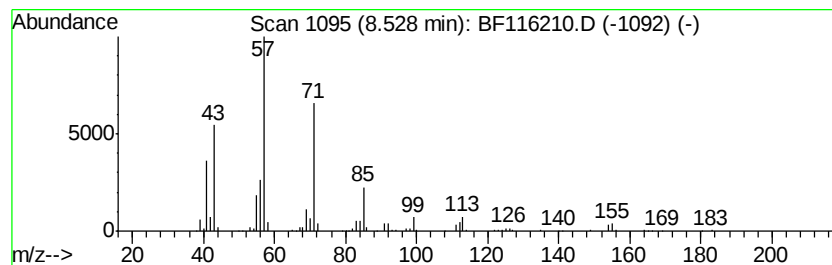
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	16.12 ng	762355	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	83
3		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	64
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59
5		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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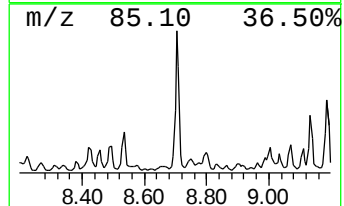
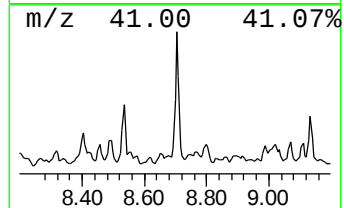
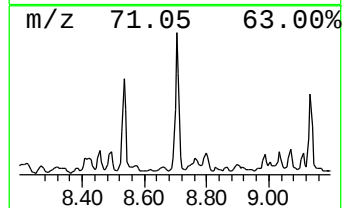
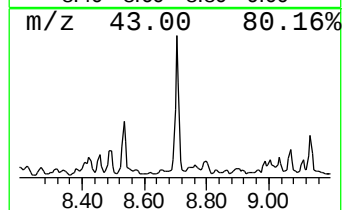
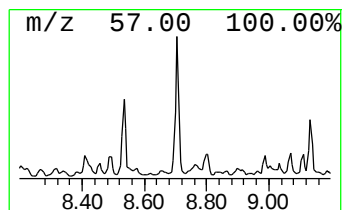
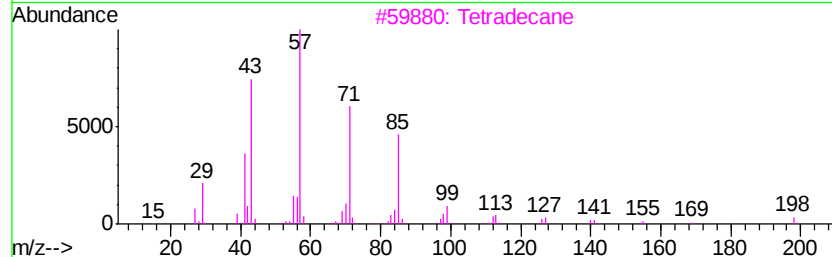
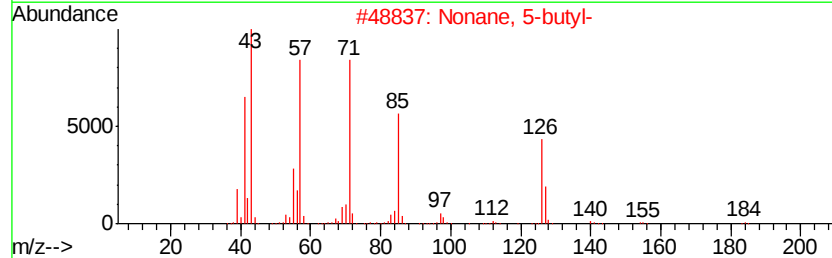
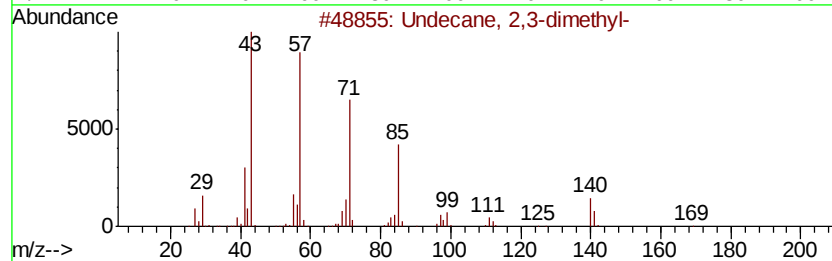
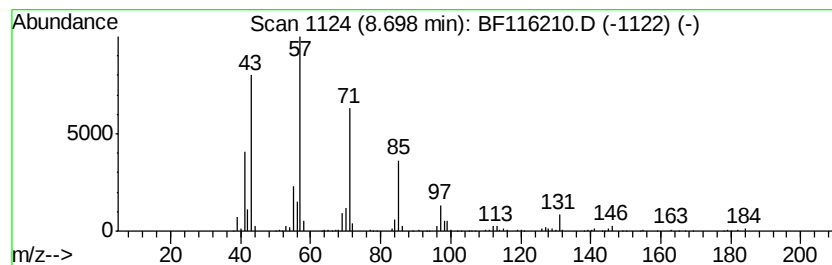
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	34.13 ng	1614190	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
2		Nonane, 5-butyl-	184	C13H28	017312-63-9	81
3		Tetradecane	198	C14H30	000629-59-4	72
4		Tridecane	184	C13H28	000629-50-5	70
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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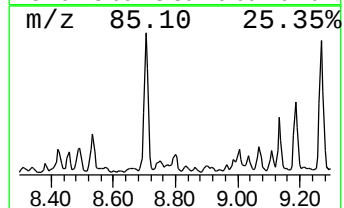
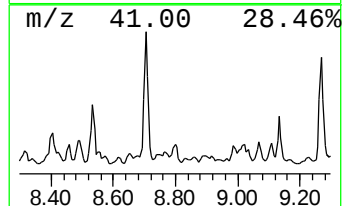
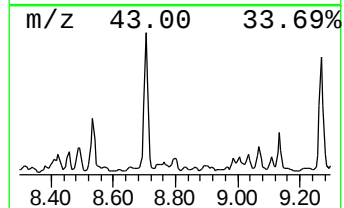
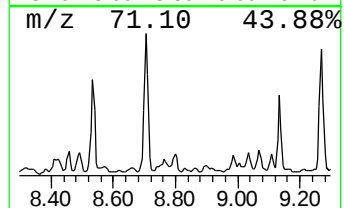
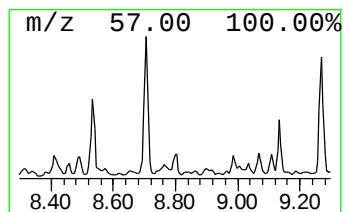
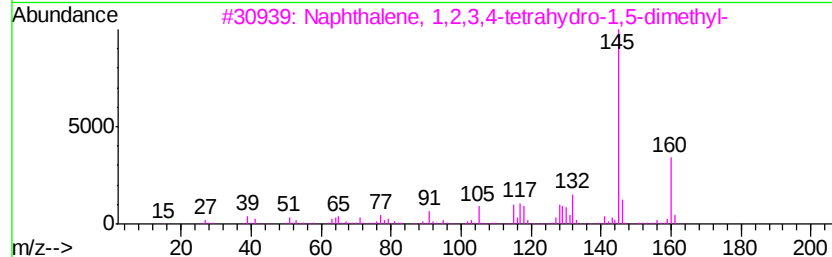
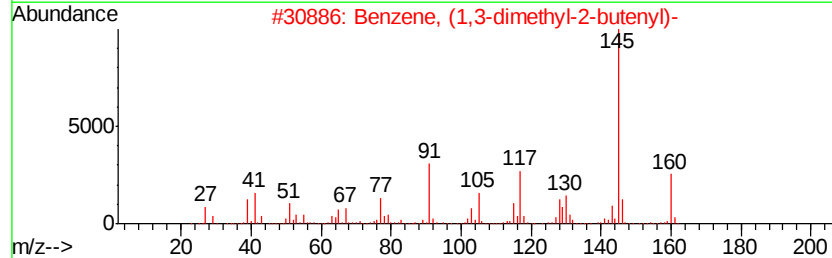
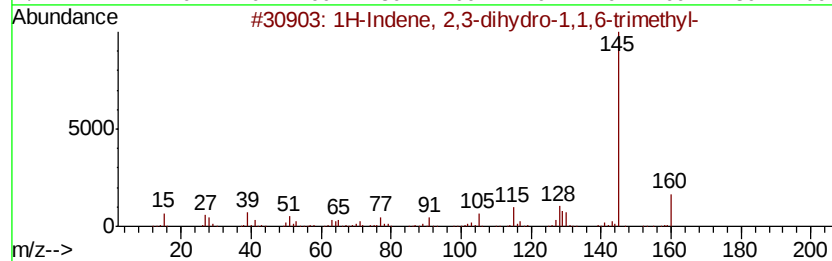
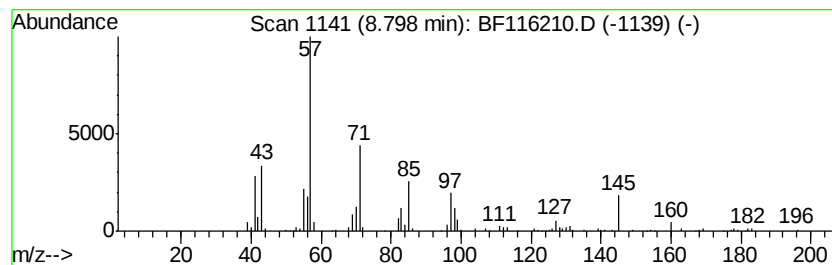
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown8.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	7.57 ng	358152	Naphthalene-d8	8.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	38
2		Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	38
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	38
4		1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	35
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
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Misc :
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ClientSampleId :
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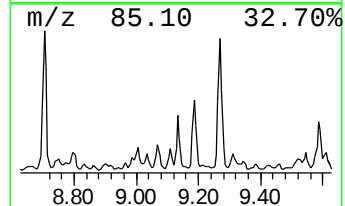
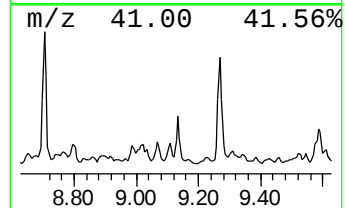
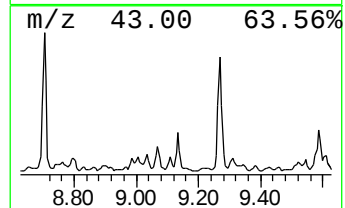
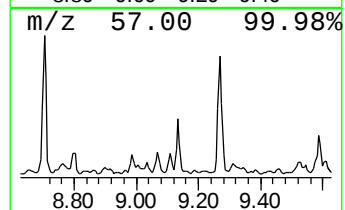
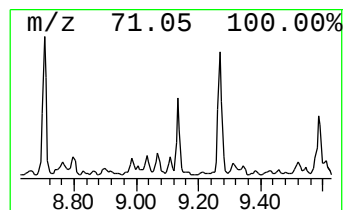
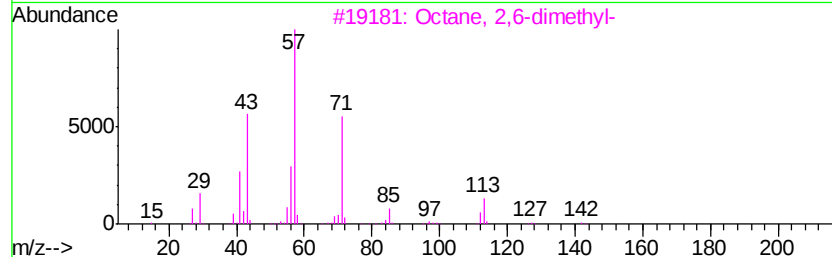
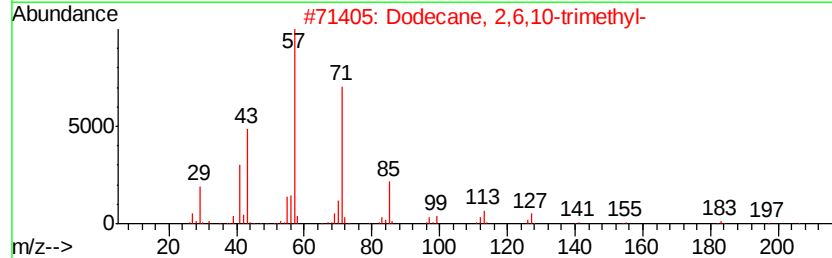
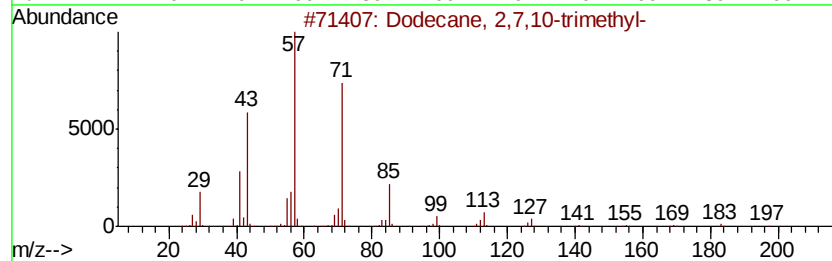
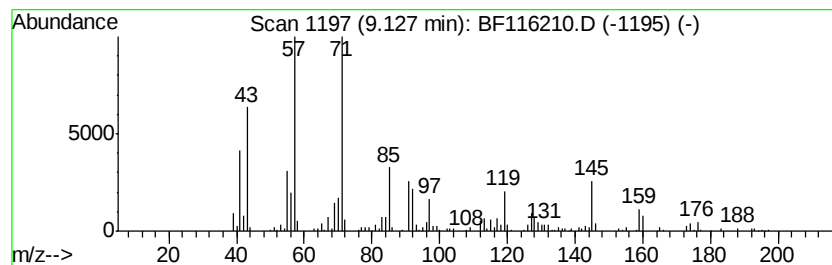
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	12.80 ng	711657	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	58
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	47
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
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Misc :
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Instrument :
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ClientSampleId :
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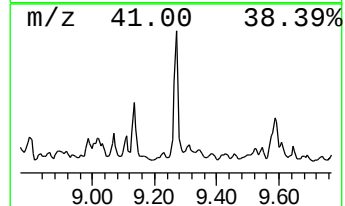
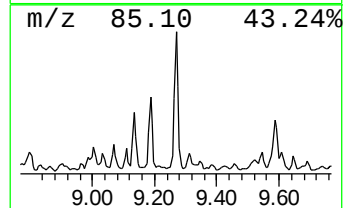
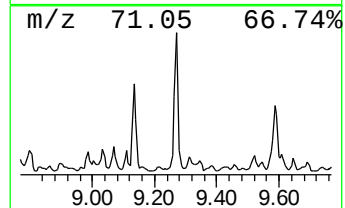
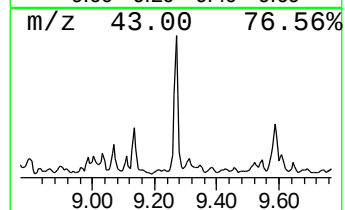
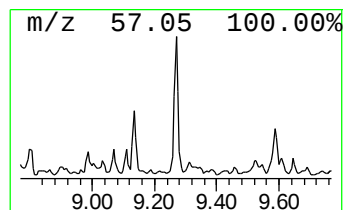
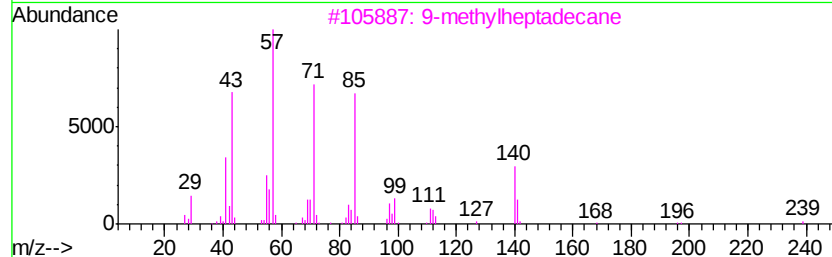
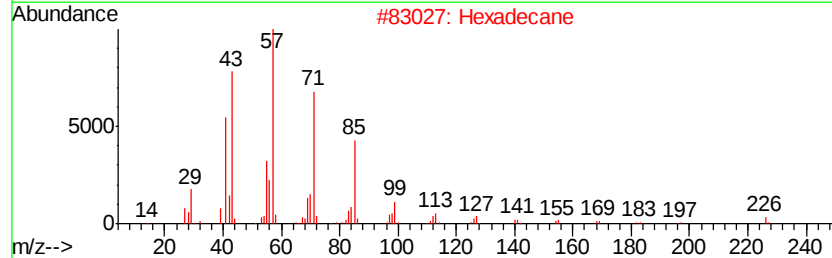
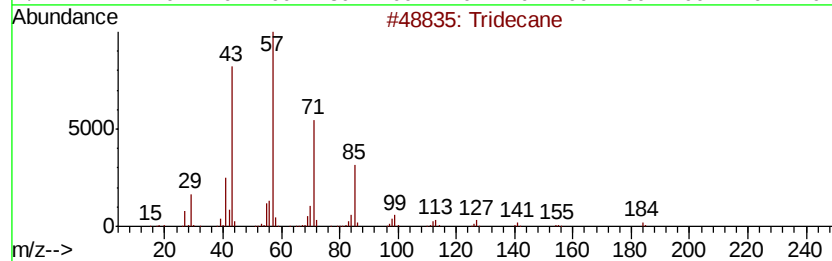
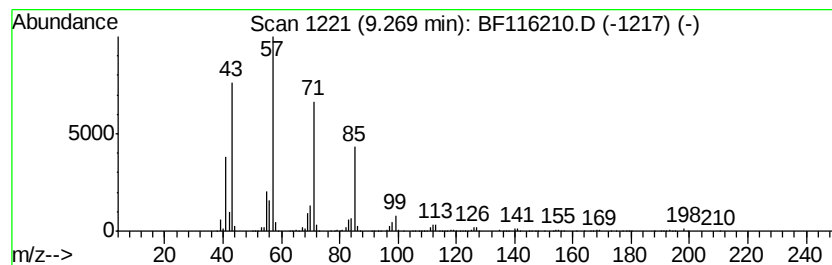
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	27.02 ng	1503040	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		9-methylheptadecane	254	C18H38	026741-18-4	90
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
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Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

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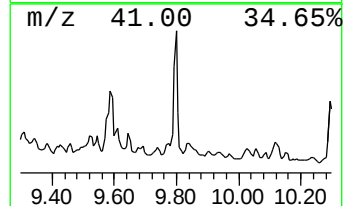
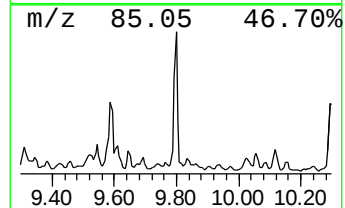
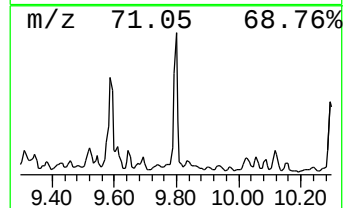
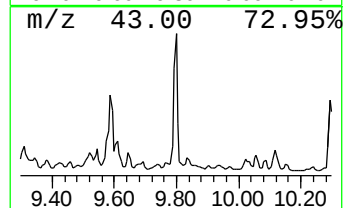
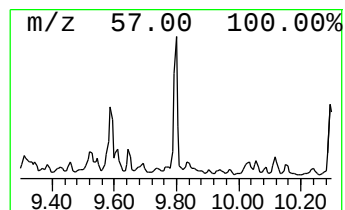
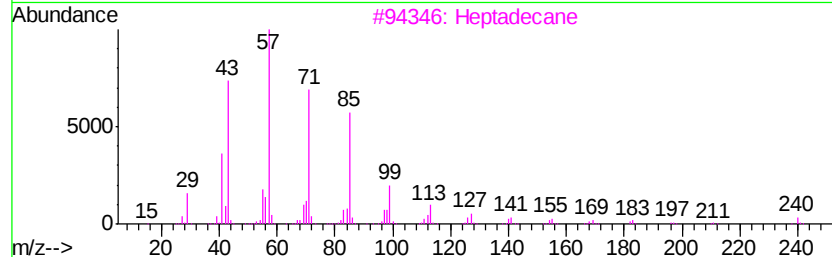
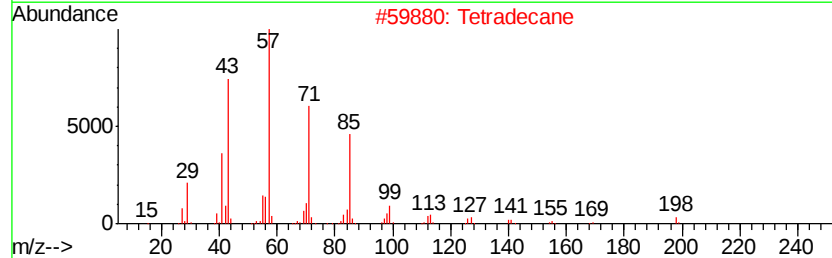
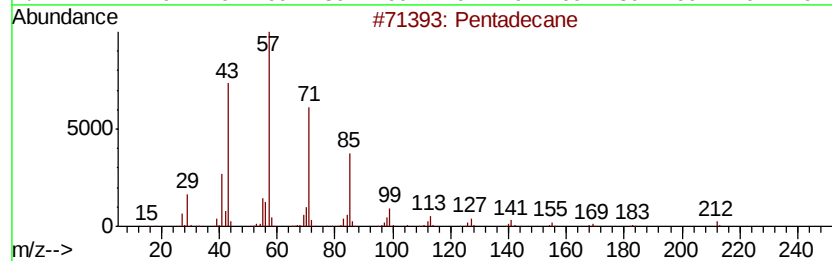
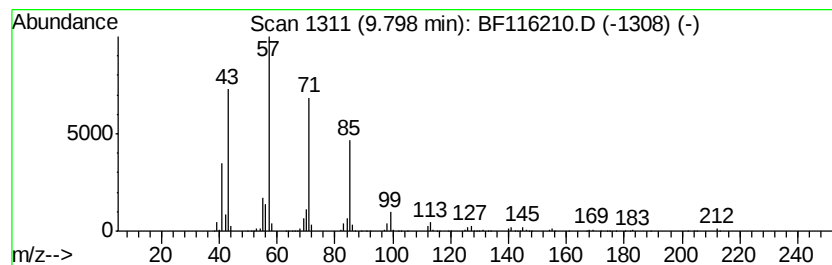
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	15.66 ng	871045	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Heptadecane	240	C17H36	000629-78-7	83
4		Hexadecane	226	C16H34	000544-76-3	80
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
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Acq On : 13 Aug 2019 1:02
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Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

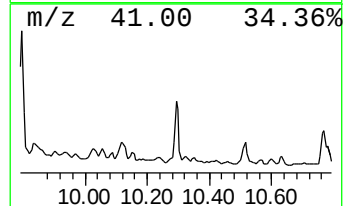
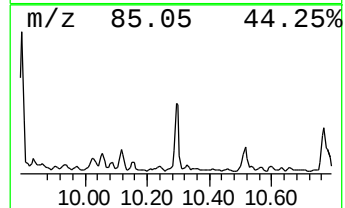
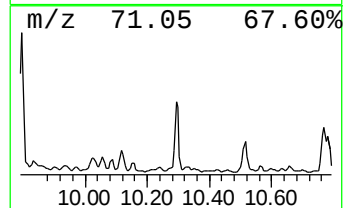
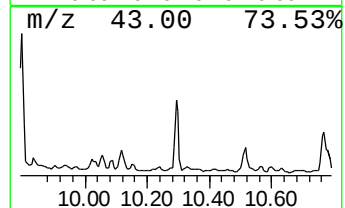
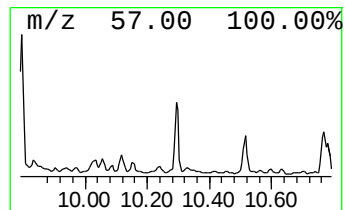
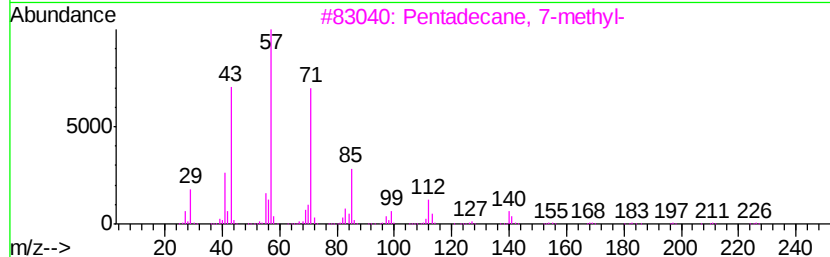
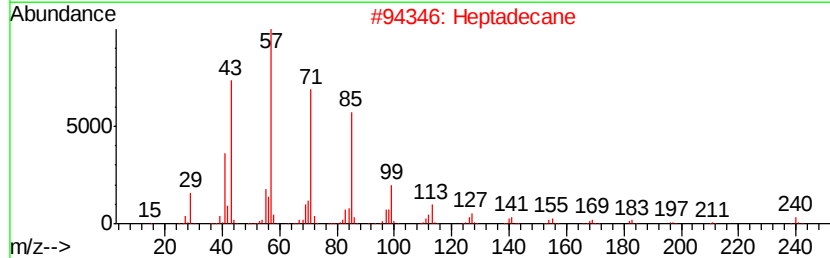
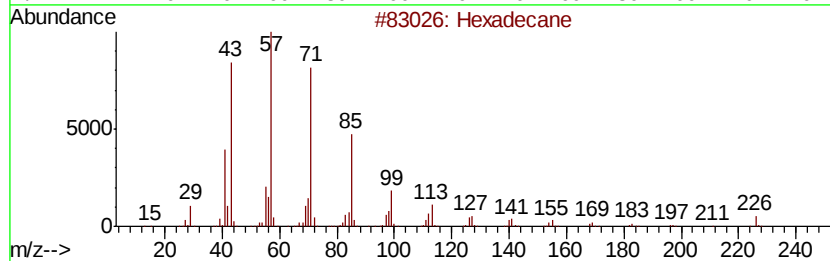
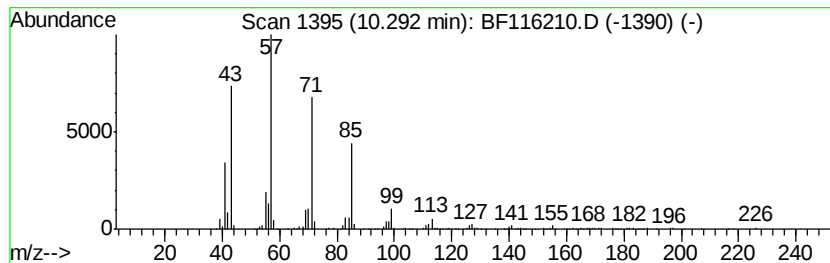
Instrument :
BNA_F
ClientSampleId :
HR-05-080919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.37 ng	576476	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Heptadecane	240 C17H36	000629-78-7	90
3	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	87
4	9-methylheptadecane	254 C18H38	026741-18-4	80
5	Decane, 3,8-dimethyl-	170 C12H26	017312-55-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-B

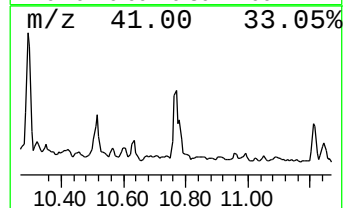
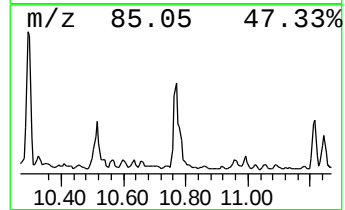
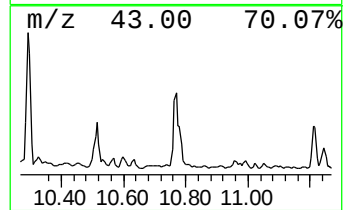
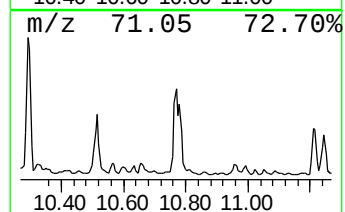
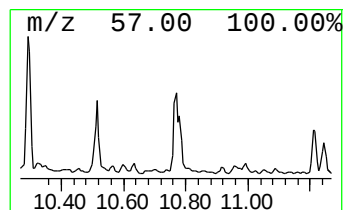
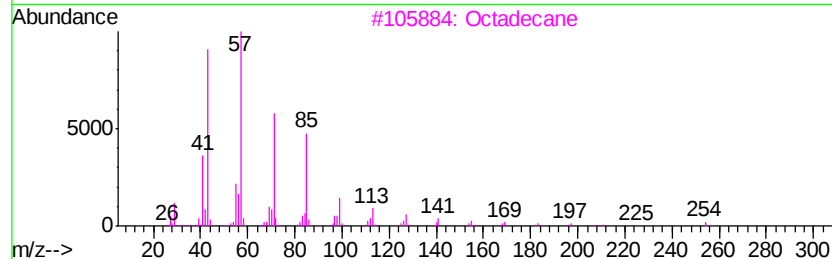
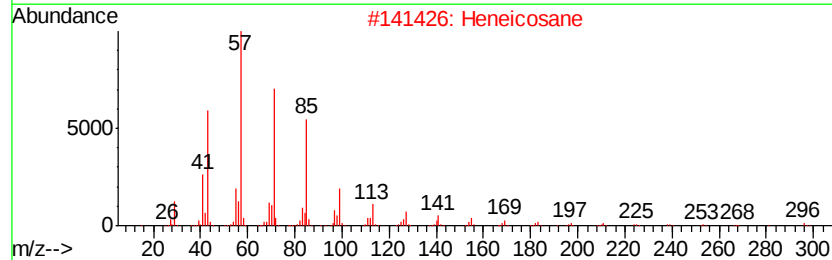
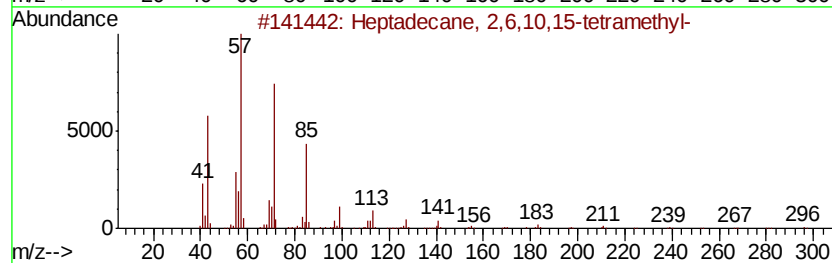
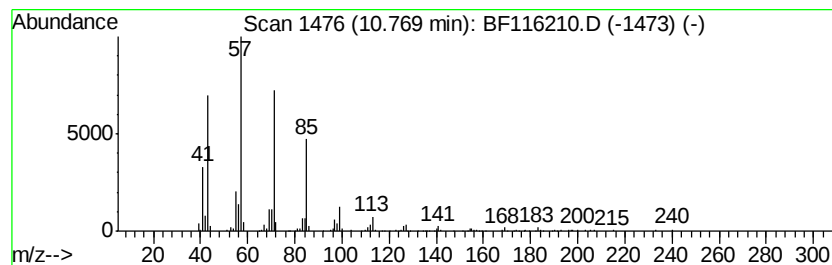
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	9.11 ng	538005	Phenanthrene-d10	11.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2			Heneicosane	296	C21H44	000629-94-7	91
3			Octadecane	254	C18H38	000593-45-3	90
4			Pentadecane	212	C15H32	000629-62-9	90
5			Heptacosane	380	C27H56	000593-49-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
Data File : BF116210.D
Acq On : 13 Aug 2019 1:02
Operator : HP/JU
Sample : K4085-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-B

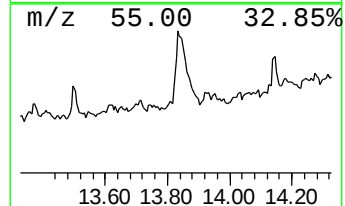
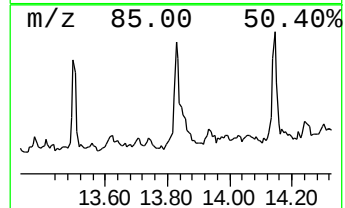
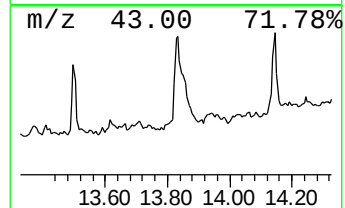
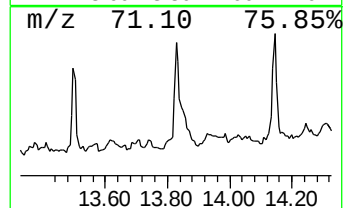
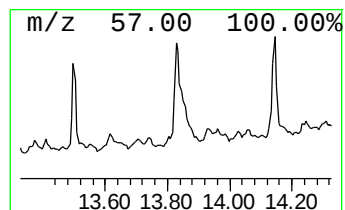
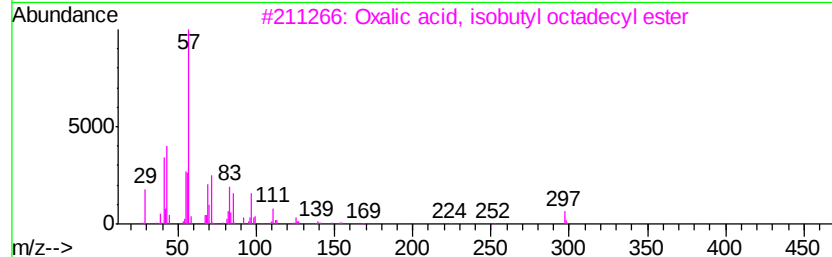
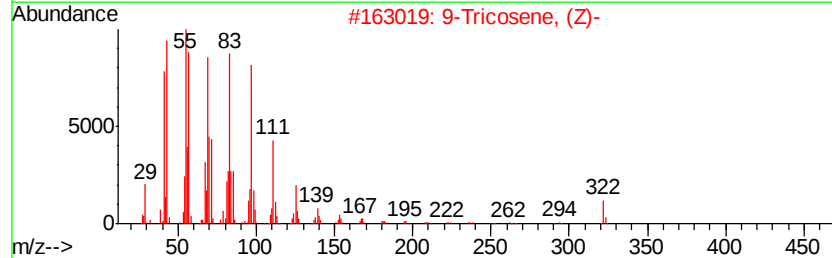
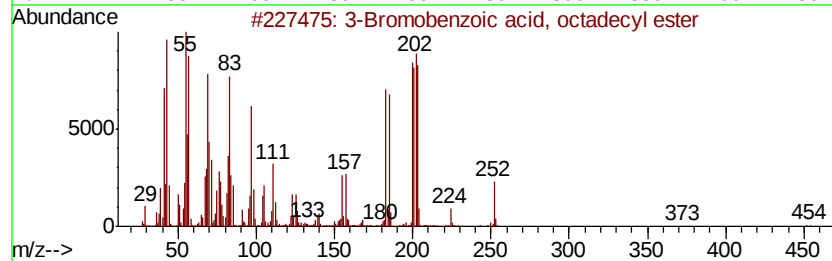
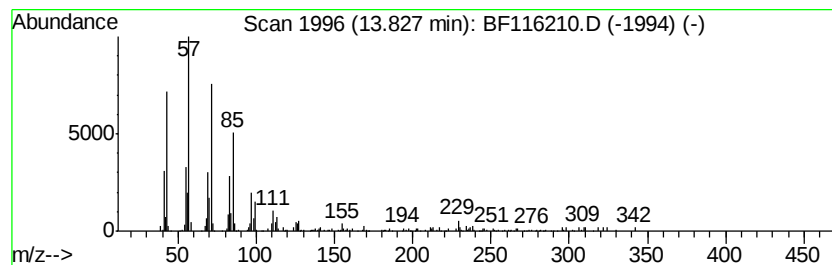
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3-Bromobenzoic acid, octade... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	7.78 ng	322366	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Bromobenzoic acid, octadecyl e...	452	C25H41BrO2	070153-14-9	95
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	92
3		Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
5		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081219\
 Data File : BF116210.D
 Acq On : 13 Aug 2019 1:02
 Operator : HP/JU
 Sample : K4085-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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
unknown6.60	6.60	47.5	ng	2374530	1	6.83	999833	20.0
Decane	6.67	11.6	ng	578060	1	6.83	999833	20.0
Naphthalene, deca...	7.22	8.1	ng	403180	1	6.83	999833	20.0
unknown7.48	7.48	8.8	ng	415354	2	8.12	945929	20.0
trans-4a-Methyl-d...	7.63	7.1	ng	337888	2	8.12	945929	20.0
Cyclohexane, pentyl-	7.73	11.2	ng	530360	2	8.12	945929	20.0
Tetracosane	7.86	11.1	ng	526952	2	8.12	945929	20.0
Undecane, 3,6-dim...	8.17	17.8	ng	842416	2	8.12	945929	20.0
Cyclohexane, (4-m...	8.40	15.2	ng	718116	2	8.12	945929	20.0
Nonadecane, 9-met...	8.49	8.6	ng	404418	2	8.12	945929	20.0
Dodecane, 2,6,11-...	8.53	16.1	ng	762355	2	8.12	945929	20.0
Undecane, 2,3-dim...	8.70	34.1	ng	1614190	2	8.12	945929	20.0
unknown8.80	8.80	7.6	ng	358152	2	8.12	945929	20.0
Dodecane, 2,7,10-...	9.13	12.8	ng	711657	3	9.87	1112340	20.0
Tridecane	9.27	27.0	ng	1503040	3	9.87	1112340	20.0
Pentadecane	9.80	15.7	ng	871045	3	9.87	1112340	20.0
Hexadecane	10.29	10.4	ng	576476	3	9.87	1112340	20.0
Heptadecane, 2,6,...	10.77	9.1	ng	538005	4	11.36	1181130	20.0
3-Bromobenzoic ac...	13.83	7.8	ng	322366	5	14.00	828601	20.0