LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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	5.316	545	549	559	rBV	616661	675384	8.07%	1.326%
2	5.957	655	658	661	rBV	148202	139676	1.67%	0.274%
3	6.245	703	707	709	rVV3	131005	147761	1.76%	0.290%
4	6.304	714	717	721	rBV	234817	202399	2.42%	0.397%
5	6.345	721	724	729	rVV	674140	806514	9.63%	1.584%
6	6.387	729	731	738	rVV2	110027	160575	1.92%	0.315%
7	6.445	738	741	743	rVV2	84271	108765	1.30%	0.214%
8	6.475	743	746	753	rVV	868646	972629	11.62%	1.910%
9	6.551	757	759	764	rVB	942716	777743	9.29%	1.527%
10	6.704	782	785	787	rVV	585505	519414	6.20%	1.020%
11	6.728	787	789	793	rVV2	342616	321123	3.84%	0.631%
12	6.763	793	795	800	rVB3	185360	204652	2.44%	0.402%
13	6.857	808	811	816	rBV	896795	846994	10.12%	1.663%
14	6.992	830	834	837	rVB3	250872	319155	3.81%	0.627%
15	7.028	837	840	842	rBV2	307571	302061	3.61%	0.593%
16	7.057	842	845	849	rVB	278374	262968	3.14%	0.516%
17	7.104	849	853	856	rBV	473884	403849	4.82%	0.793%
18	7.239	873	876	878	rVV2	217455	278366	3.32%	0.547%
19	7.263	878	880	883	rVV	541979	547820	6.54%	1.076%
20	7.316	886	889	892	rVV	1348863	1092017	13.04%	2.144%
21	7.357	892	896	900	rVV4	205074	283048	3.38%	0.556%
22	7.392	900	902	905	rVV3	114850	140985	1.68%	0.277%
23	7.428	905	908	911	rVV2	199488	210168	2.51%	0.413%
24	7.475	911	916	918	rVV3	98661	164058	1.96%	0.322%
25	7.504	918	921	927	rVB3	256969	373782	4.46%	0.734%
26	7.616	934	940	943	rBV4	184749	343591	4.10%	0.675%
27	7.645	943	945	947	rVV2	130053	114397	1.37%	0.225%
28	7.681	947	951	954	rVV2	230422	271294	3.24%	0.533%
29	7.716	954	957	961	rVV3	297403	406583	4.86%	0.798%
30	7.751	961	963	967	rVB3	379622	384140	4.59%	0.754%
31	7.792	967	970	972	rBV2	318027	277455	3.31%	0.545%
32	7.822	972	975	978	rVB3	170519	245753	2.93%	0.483%
33	7.981	998	1002	1005	rVV2	1780981	1699320	20.29%	3.336%
34	8.004	1005	1006	1010	rVV3	159473	235353	2.81%	0.462%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.063	1013	1016	1018	rVV	485415	432044	5.16%	0.848%
36	8.086	1018	1020	1022	rVV3	128310	128225	1.53%	0.252%
37	8.110	1022	1024	1027	rVB3	116302	111379	1.33%	0.219%
38	8.163	1027	1033	1035	rBV5	127129	212610	2.54%	0.417%
39	8.198	1035	1039	1042	rVV2	187724	226990	2.71%	0.446%
40	8.286	1049	1054	1057	rVV5	260132	471570	5.63%	0.926%
41	8.310	1057	1058	1061	rVV2	209107	132416	1.58%	0.260%
42	8.339	1061	1063	1066	rVV2	292520	249303	2.98%	0.489%
43	8.375	1066	1069	1072	rVV2	390294	349625	4.18%	0.686%
44	8.422	1073	1077	1081	rVV2	618265	731743	8.74%	1.437%
45	8.492	1085	1089	1092	rBV2	187326	186561	2.23%	0.366%
46	8.533	1092	1096	1098	rBV4	118903	124076	1.48%	0.244%
47	8.586	1102	1105	1110	rVV	1207760	1188064	14.19%	2.333%
48	8.645	1112	1115	1117	rVV4	226340	247837	2.96%	0.487%
49	8.681	1119	1121	1125	rVB2	200631	215697	2.58%	0.424%
50	8.810	1140	1143	1147	rVB3	155020	187941	2.24%	0.369%
51	8.869	1150	1153	1155	rVV2	229328	207231	2.47%	0.407%
52	8.886	1155	1156	1160	rVV3	177768	221958	2.65%	0.436%
53	8.916	1160	1161	1165	rVV3	178871	182624	2.18%	0.359%
54	8.951	1165	1167	1170	rVB	347663	246955	2.95%	0.485%
55	8.992	1171	1174	1176	rVV	240177	211016	2.52%	0.414%
56	9.016	1176	1178	1181	rVV2	536213	441377	5.27%	0.867%
57	9.057	1182	1185	1190	rVB	943991	802970	9.59%	1.577%
58	9.151	1197	1201	1205	rBV	1197313	1093965	13.06%	2.148%
59	9.404	1241	1244	1246	rBV3	123547	150268	1.79%	0.295%
60	9.457	1250	1253	1254	rVV	352082	394713	4.71%	0.775%
61	9.469	1254	1255	1257	rVV	420302	283094	3.38%	0.556%
62	9.492	1257	1259	1262	rVV	228375	193429	2.31%	0.380%
63	9.528	1262	1265	1267	rVB2	178349	144629	1.73%	0.284%
64	9.680	1288	1291	1294	rVV	756622	663387	7.92%	1.303%
65	9.733	1295	1300	1307	rVB	659385	694808	8.30%	1.364%
66	9.904	1326	1329	1333	rBV3	85488	135827	1.62%	0.267%
67	9.998	1342	1345	1349	rVB3	143886	139825	1.67%	0.275%
68	10.175	1372	1375	1378	rVB	428325	304110	3.63%	0.597%
69	10.392	1405	1412	1415	rBV	119030	151663	1.81%	0.298%
70	10.516	1429	1433	1438	rBV	472702	483608	5.78%	0.950%
71	10.645	1452	1455	1463	rBV	303781	328496	3.92%	0.645%

LSC Area Percent Report

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Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.092	1528	1531	1533	rBV	222312	181612	2.17%	0.357%
73	11.122	1533	1536	1541	rVB2	101788	103758	1.24%	0.204%
74	11.210	1548	1551	1554	rBV	618198	565656	6.76%	1.111%
75	11.516	1600	1603	1605	rBV	205727	166516	1.99%	0.327%
76	11.616	1616	1620	1624	rBV	2741817	2522148	30.12%	4.952%
77	11.751	1639	1643	1646	rBV2	183261	186255	2.22%	0.366%
78	11.922	1669	1672	1680	rVB	181131	172044	2.05%	0.338%
79	12.310	1732	1738	1740	rBV	5870003	8373374	100.00%	16.440%
80	12.333	1740	1742	1747	rVV	5534875	4919806	58.76%	9.660%
81	12.404	1751	1754	1759	rVV2	1517469	1618369	19.33%	3.178%
82	12.457	1761	1763	1771	rVB	250071	355659	4.25%	0.698%
83	12.645	1790	1795	1798	rBV2	409838	515011	6.15%	1.011%
84	12.680	1798	1801	1804	rVB	129900	110394	1.32%	0.217%
85	12.792	1817	1820	1826	rBV	932503	800671	9.56%	1.572%
86	12.957	1846	1848	1850	rBV2	142141	141461	1.69%	0.278%
87	12.980	1850	1852	1858	rVB4	128147	195134	2.33%	0.383%
88	13.033	1858	1861	1867	rBV3	167802	276650	3.30%	0.543%
89	13.127	1874	1877	1880	rVB	166703	140796	1.68%	0.276%
90	13.233	1892	1895	1899	rBV3	118273	166196	1.98%	0.326%
91	13.374	1916	1919	1922	rBV	140293	131864	1.57%	0.259%
92	13.704	1972	1975	1981	rVB2	170407	195163	2.33%	0.383%
93	13.792	1987	1990	1993	rBV	166171	166042	1.98%	0.326%
94	13.839	1994	1998	2001	rBV2	691076	781741	9.34%	1.535%
95	14.015	2026	2028	2037	rVB2	143805	159782	1.91%	0.314%
96	14.321	2077	2080	2083	rVB	153291	148939	1.78%	0.292%
97	14.615	2127	2130	2136	rVB	174523	201932	2.41%	0.396%
98	14.927	2181	2183	2189	rVB2	194480	209003	2.50%	0.410%
99	15.245	2234	2237	2240	rBV	317725	350120	4.18%	0.687%
100	15.680	2308	2311	2316	rVB	125341	163502	1.95%	0.321%

Sum of corrected areas: 50931424

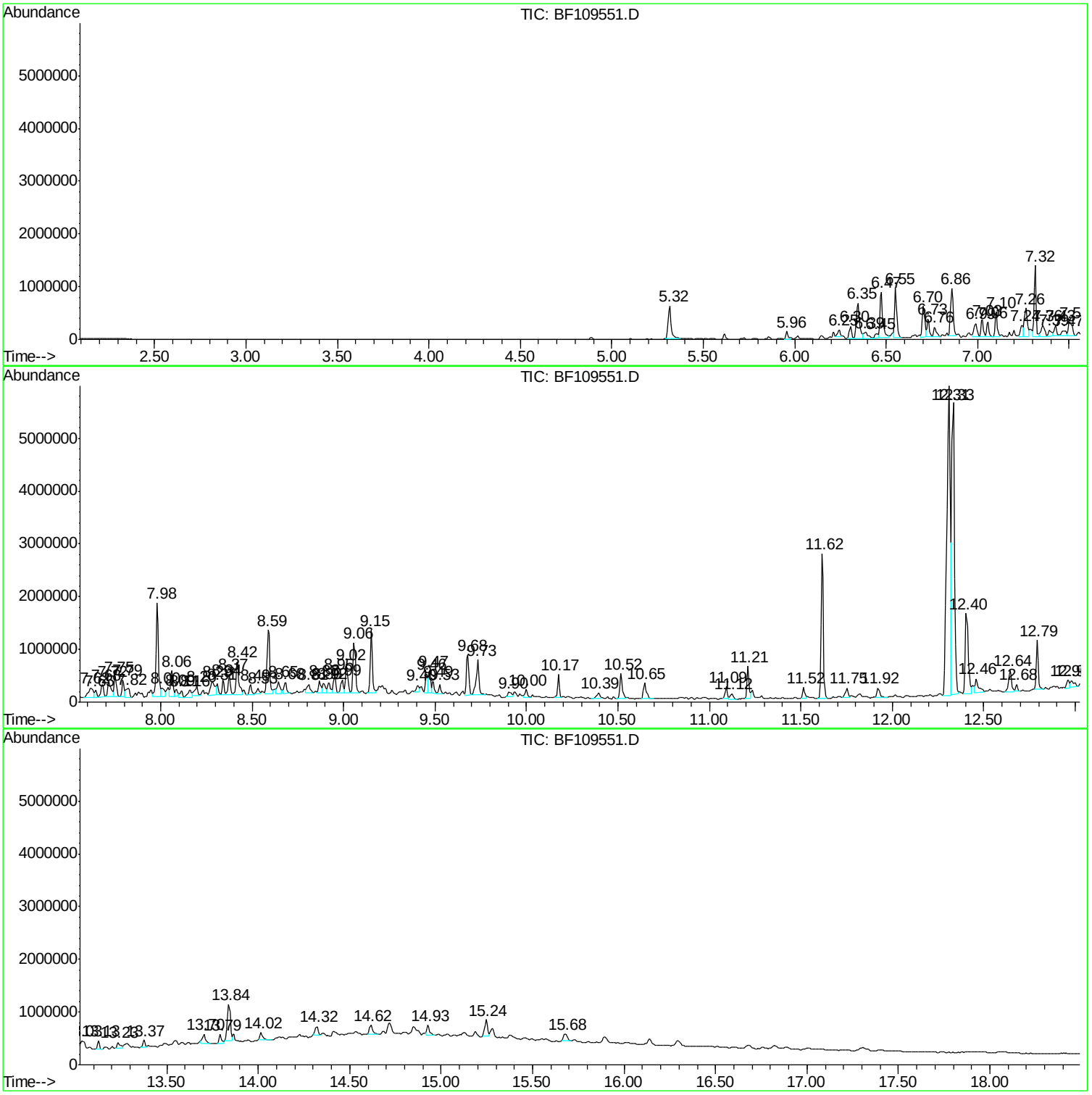
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

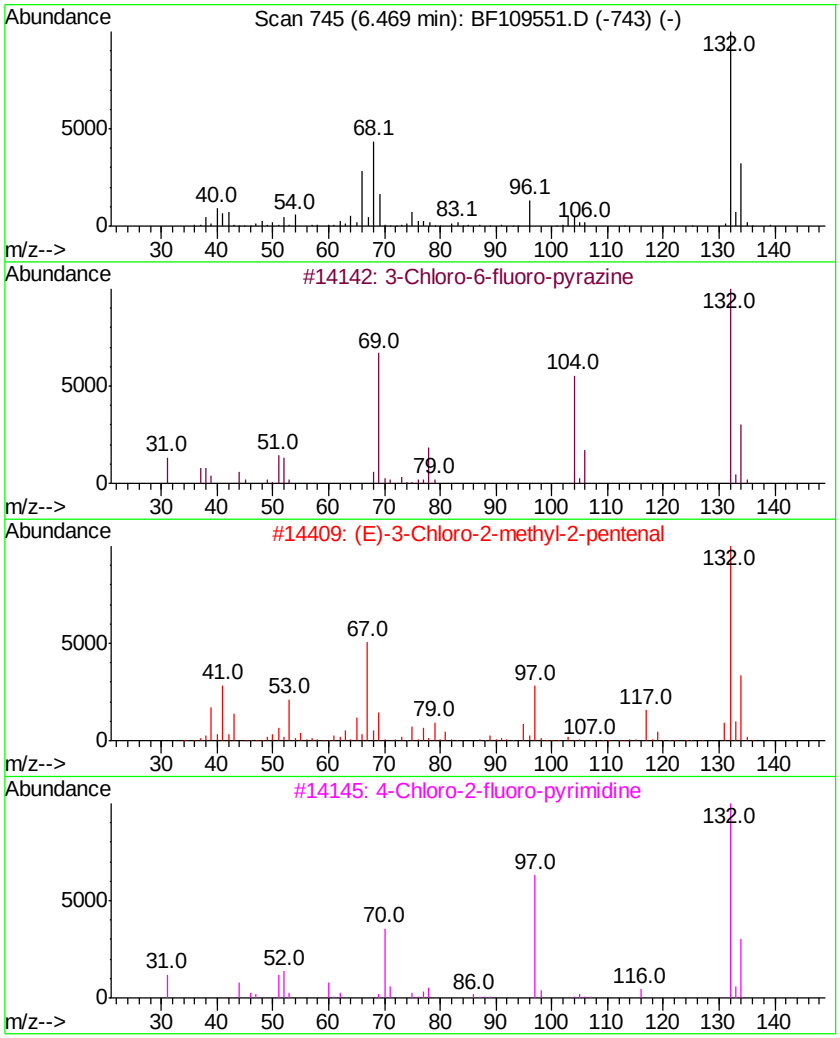
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

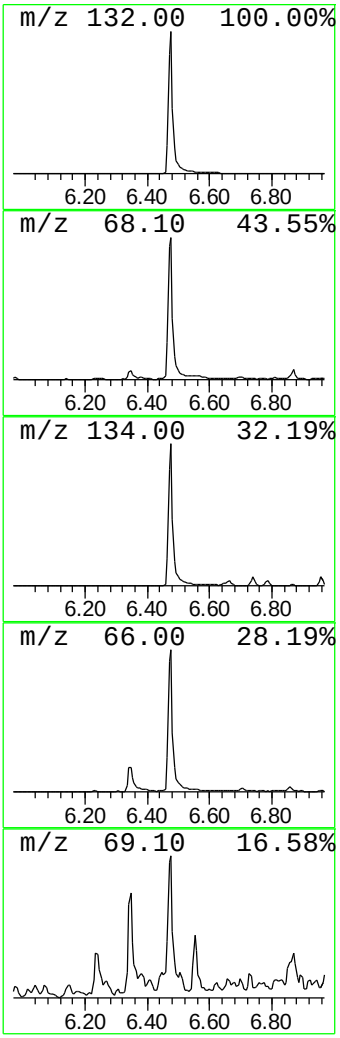
****

Peak Number 1 unknown6.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	37.45 ng	972629	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

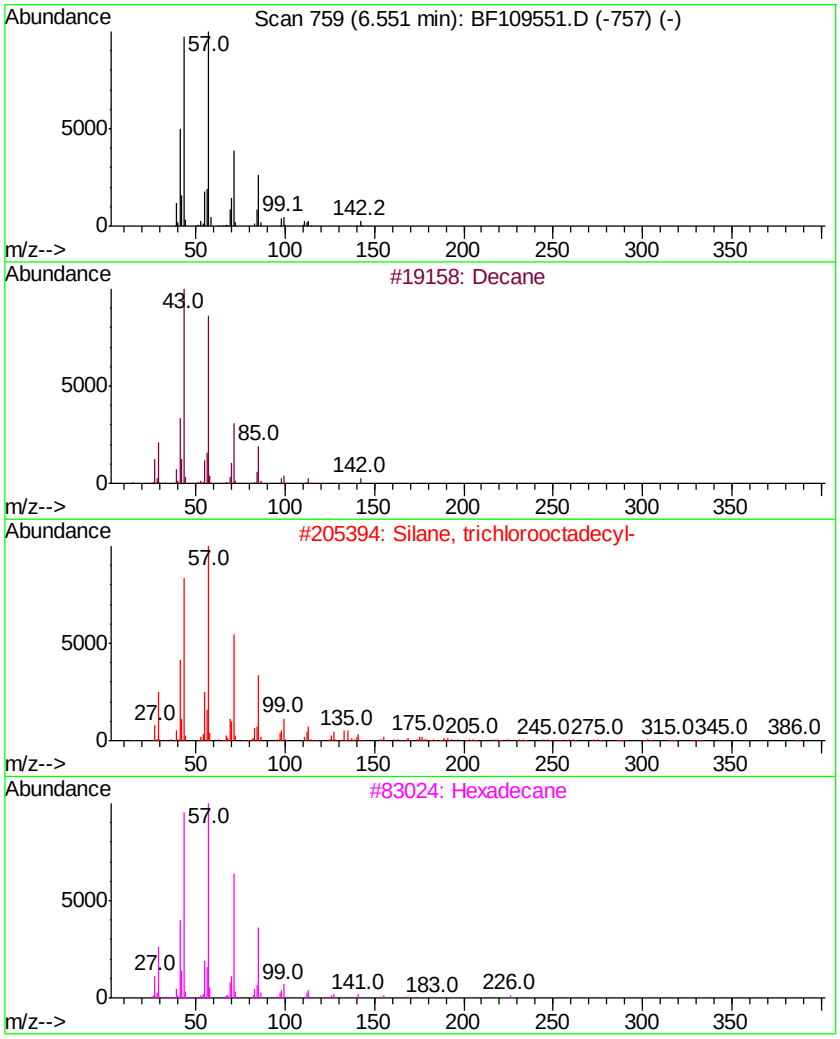
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

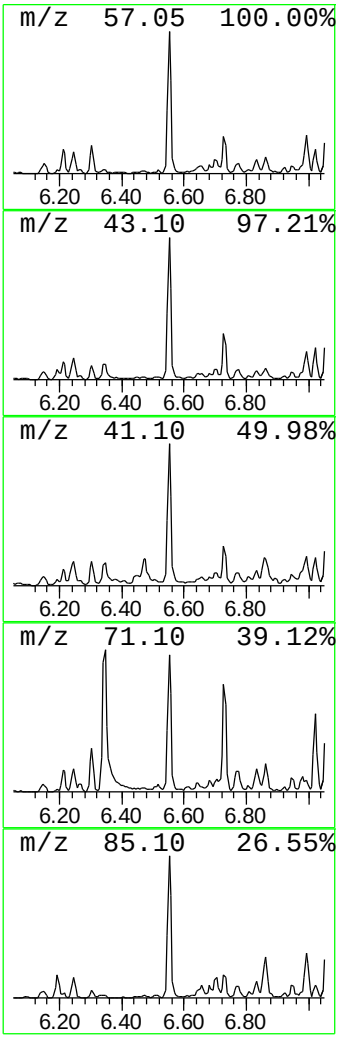
****

Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	29.95 ng	777743	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	94
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Tridecane	184	C13H28	000629-50-5	72
5	Nonane	128	C9H20	000111-84-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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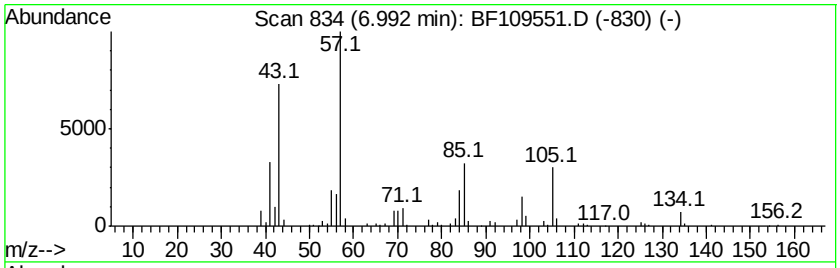
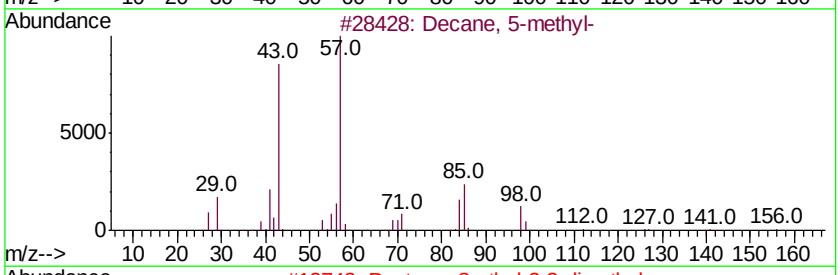
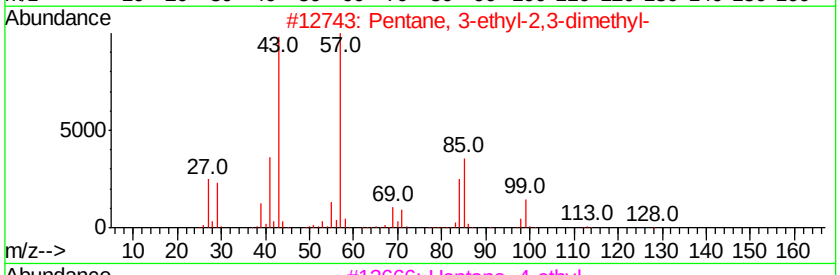
Peak Number 4 Decane, 5-methyl- Concentration Rank 12

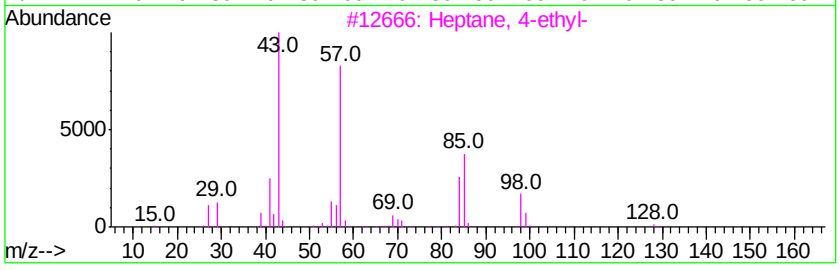
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	12.29 ng	319155	1,4-Dichlorobenzene-d4	6.70

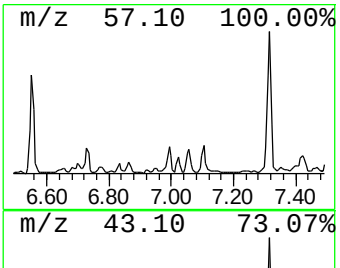
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-	156	C11H24	013151-35-4	58
2	Pentane, 3-ethyl-2,3-dimethyl-	128	C9H20	016747-33-4	47
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
4	Decane, 5-propyl-	184	C13H28	017312-62-8	38
5	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	35

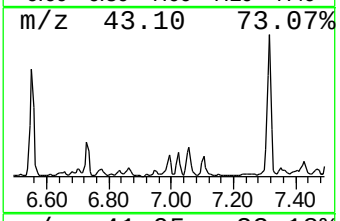


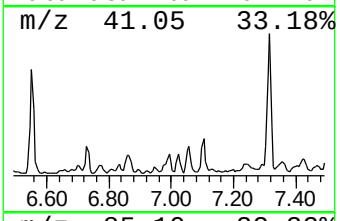


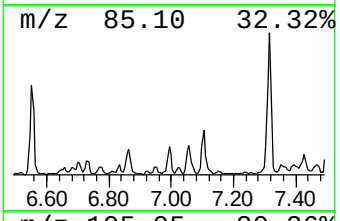


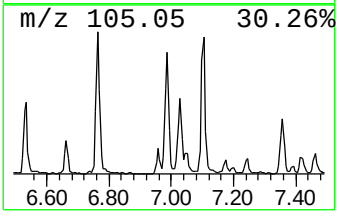












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

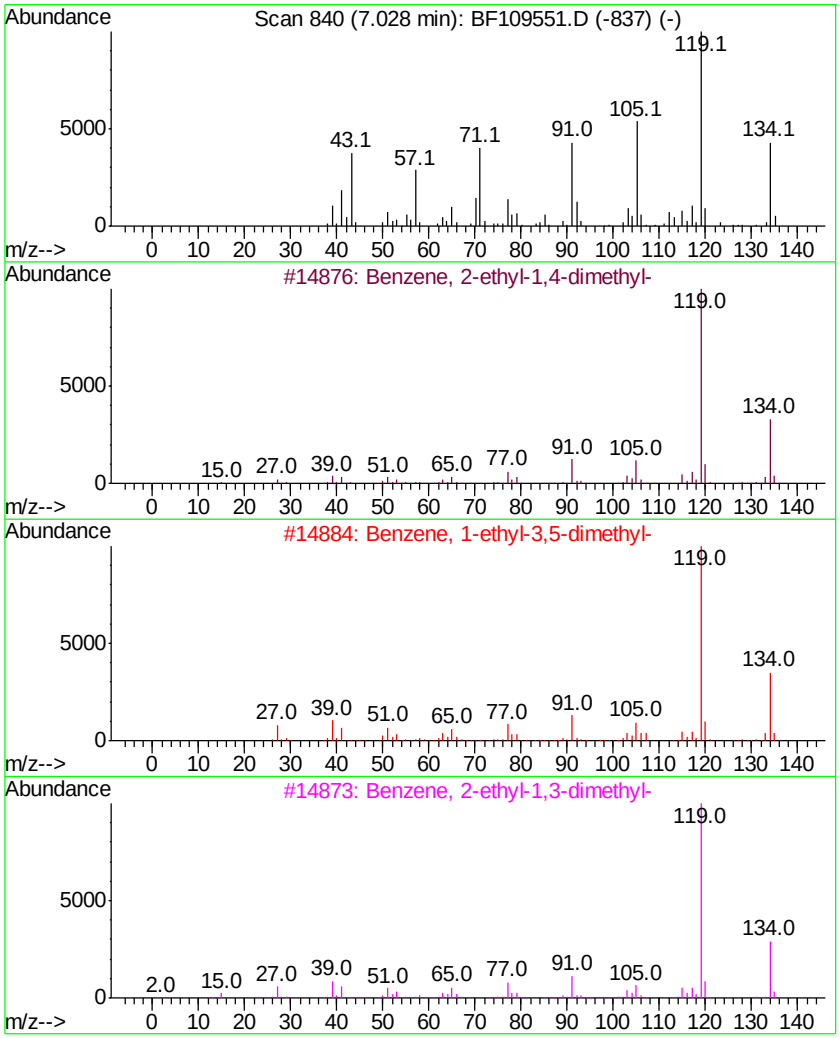
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

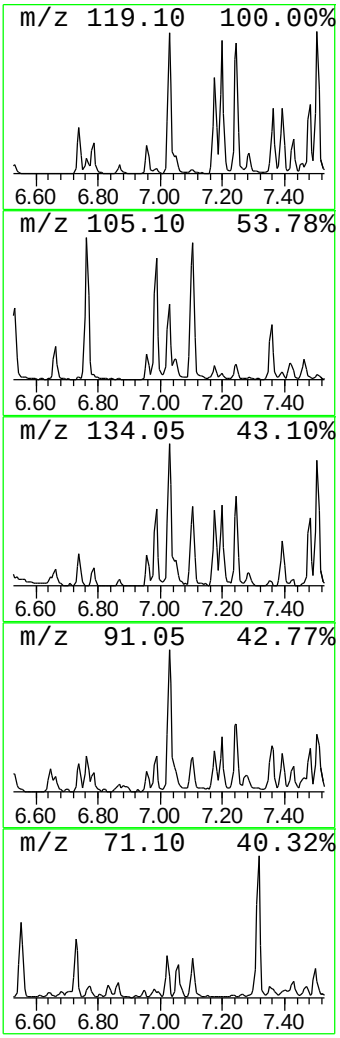
****

Peak Number 5 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	11.63 ng	302061	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	89
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	76





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Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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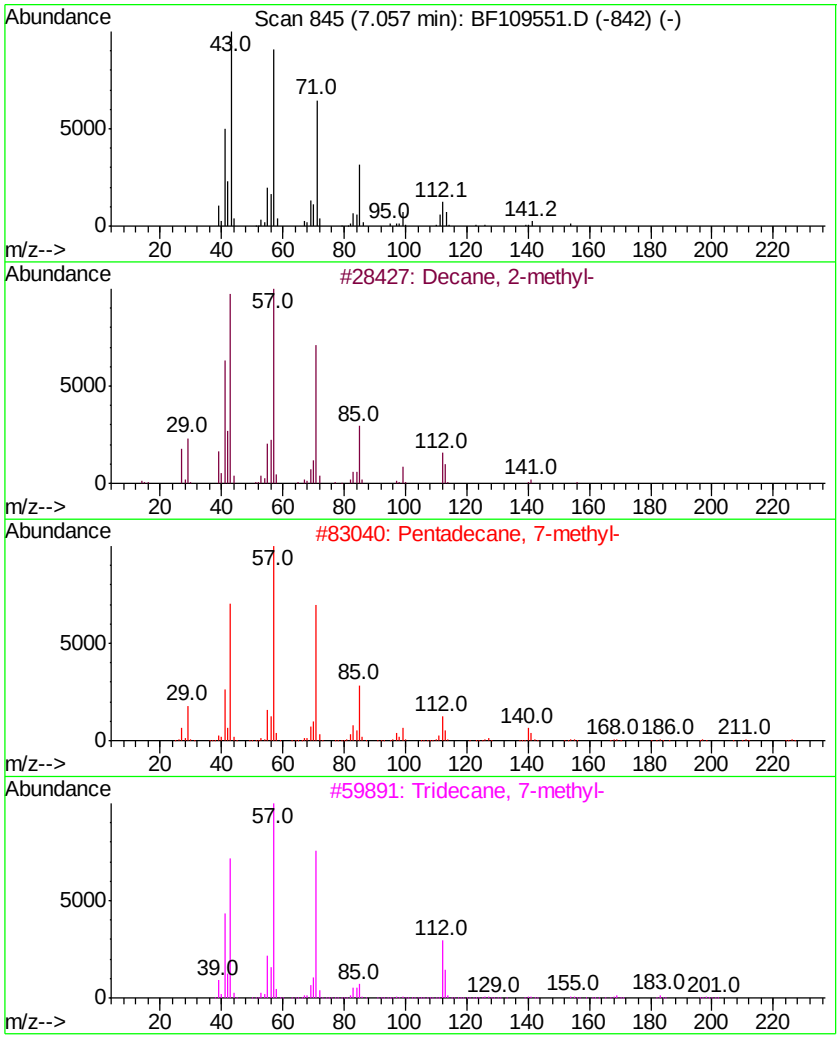
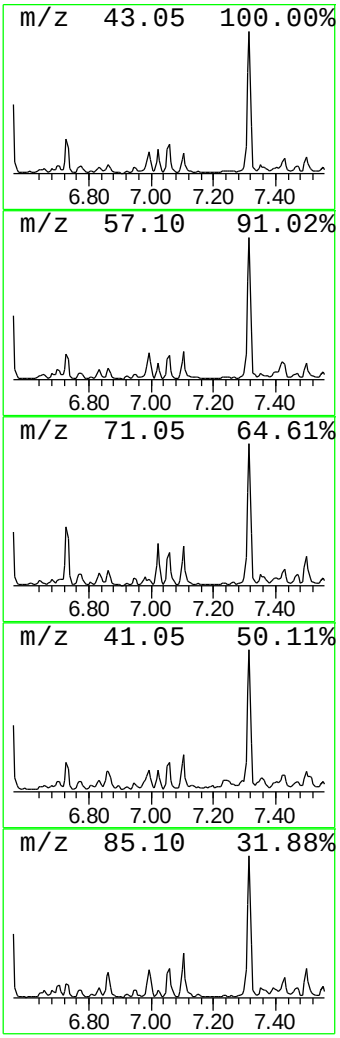
Peak Number 6 Decane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	10.13 ng	262968	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	90
2	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64
3	Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
5	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	52





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ClientSampleId : HR-06-100218-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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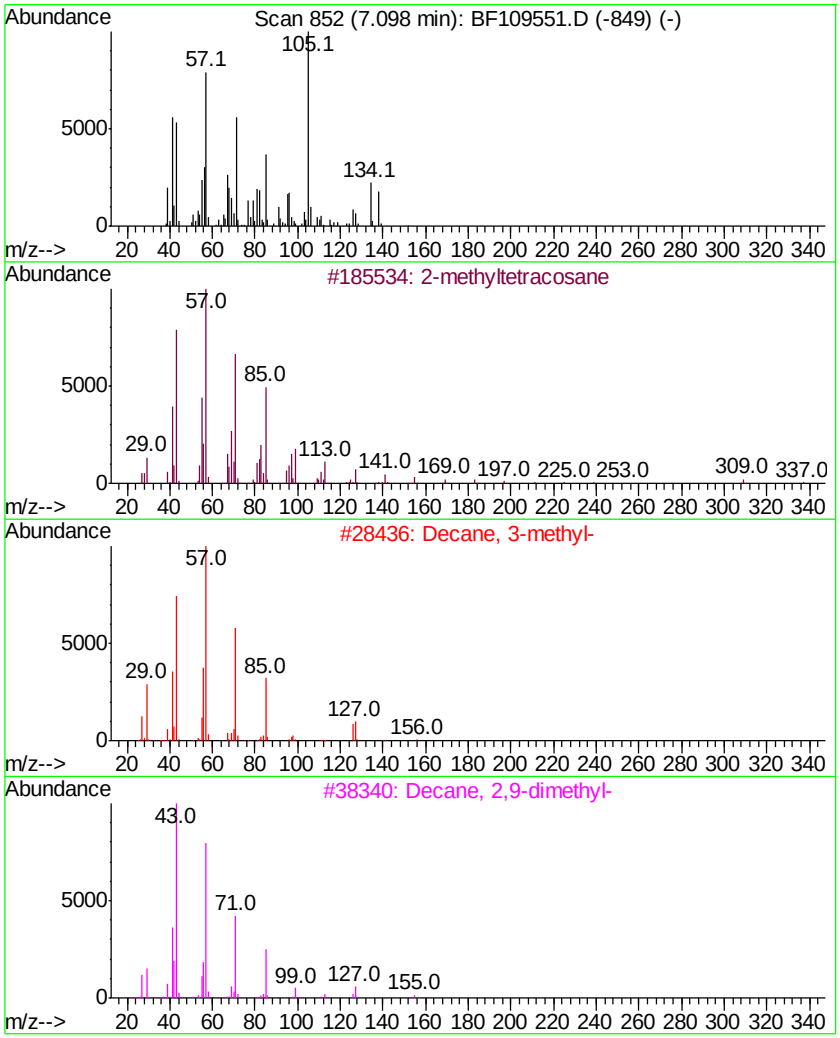
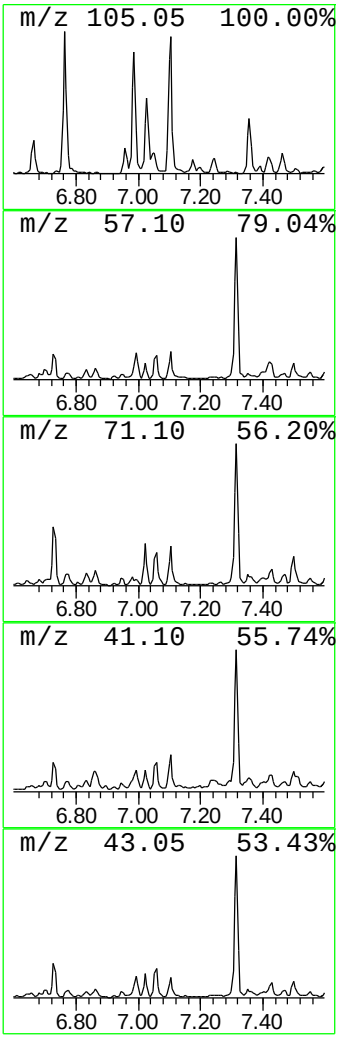
Peak Number 7 2-methyltetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	15.55 ng	403849	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyltetracosane	352	C25H52	1000376-72-6	53
2	Decane, 3-methyl-	156	C11H24	013151-34-3	50
3	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	43
4	Nonane, 1-iodo-	254	C9H19I	004282-42-2	43
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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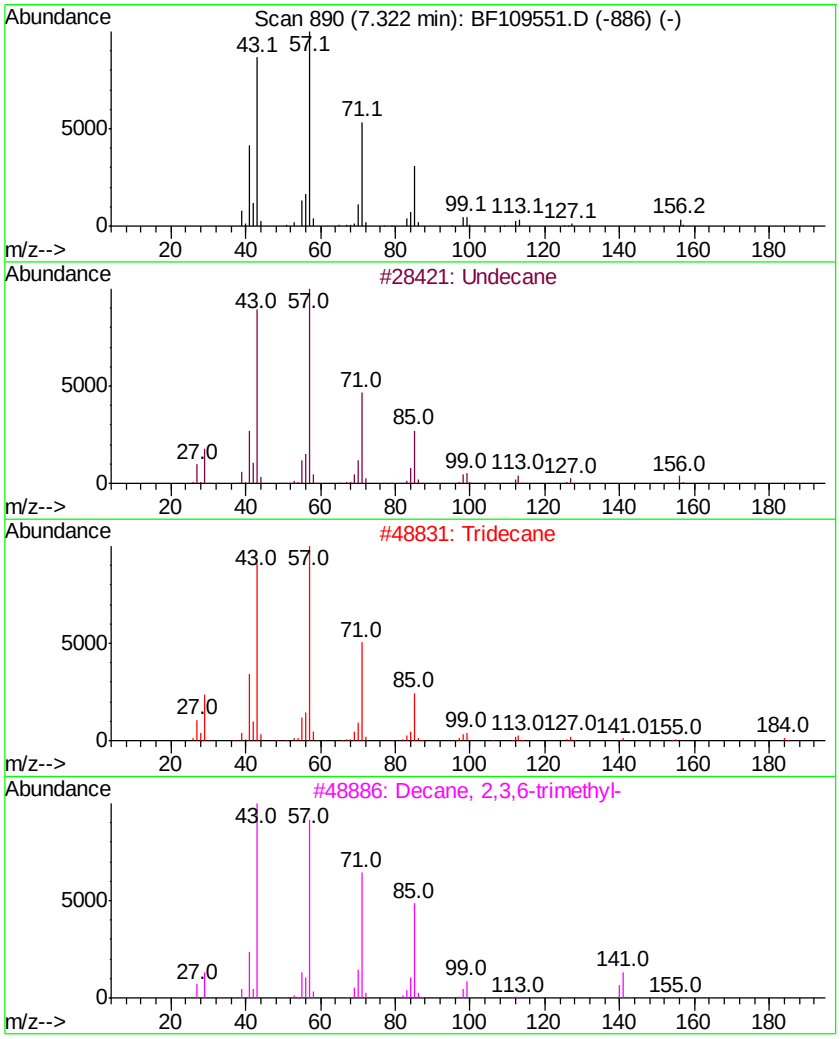
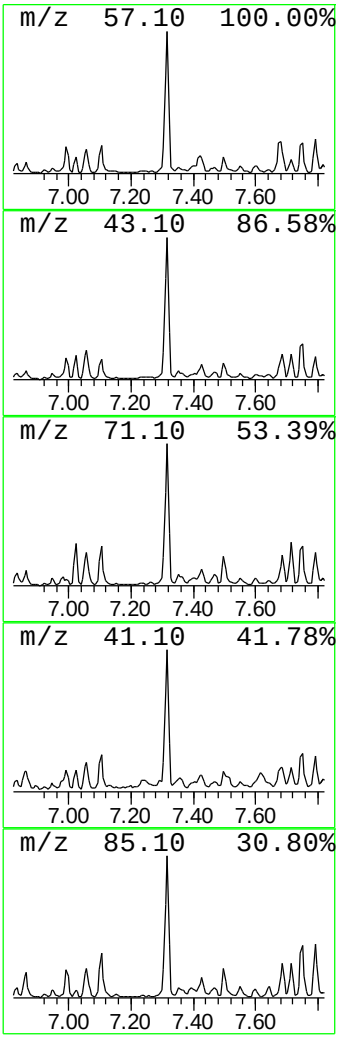
Peak Number 8 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	42.05 ng	1092020	1,4-Dichlorobenzene-d4	6.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	91
2	Tridecane	184	C13H28	000629-50-5	86
3	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	83
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	83
5	Sulfurous acid, hexyl octyl ester	278	C14H30O3S	1000309-13-0	72





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Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-100218-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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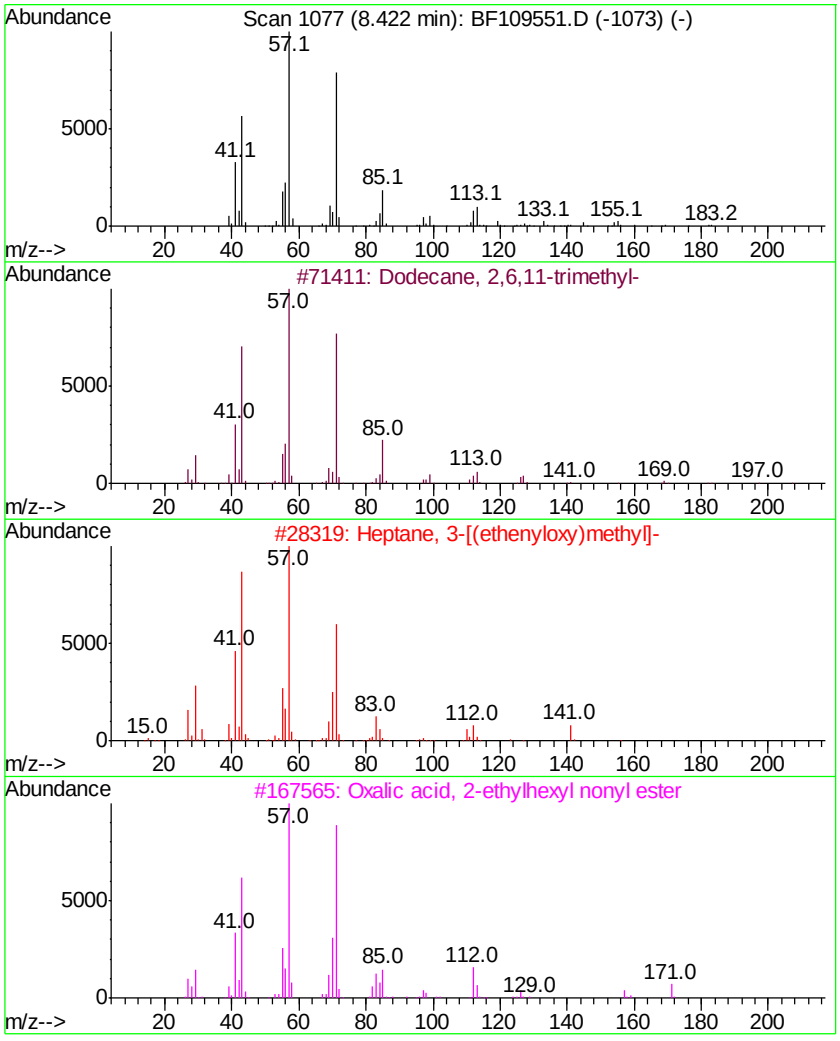
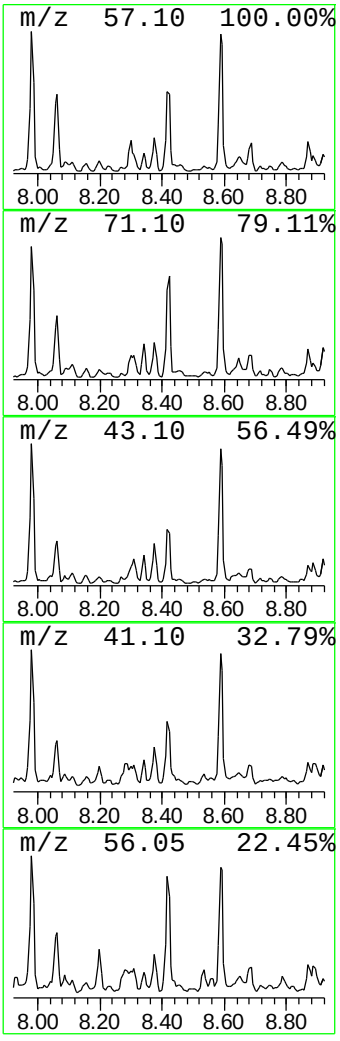
Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	8.61 ng	731743	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	72
3	Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	72
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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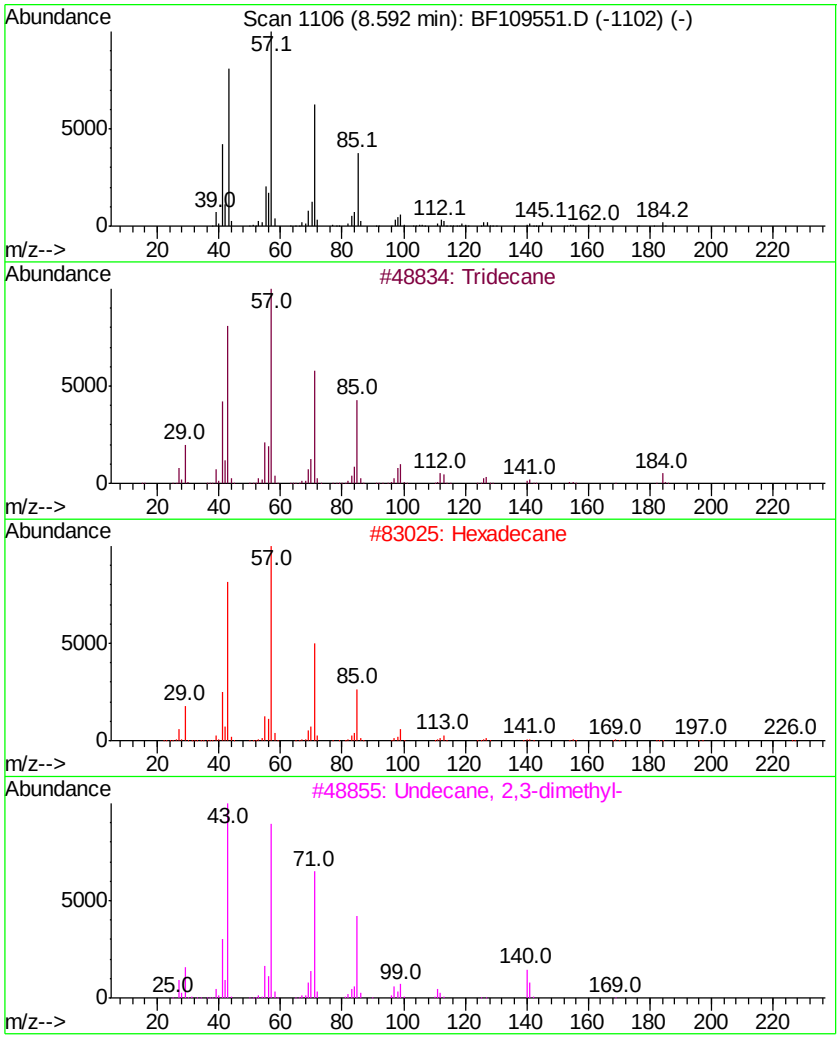
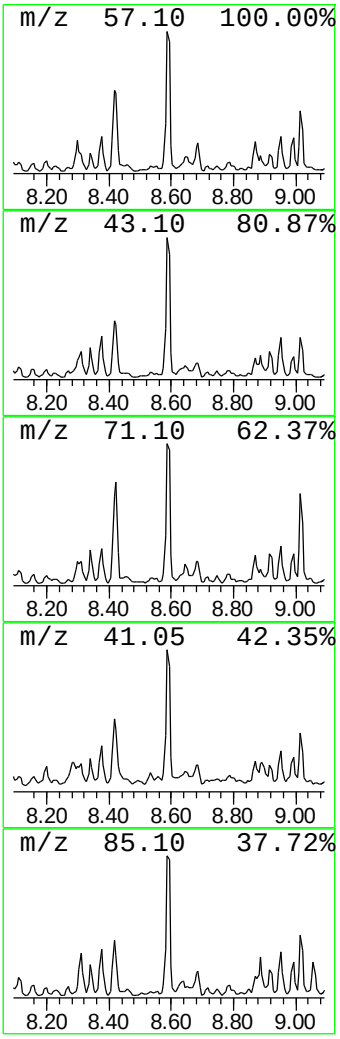
Peak Number 10 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	13.98 ng	1188060	Naphthalene-d8	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	80





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Misc :
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ClientSampleId : HR-06-100218-C

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

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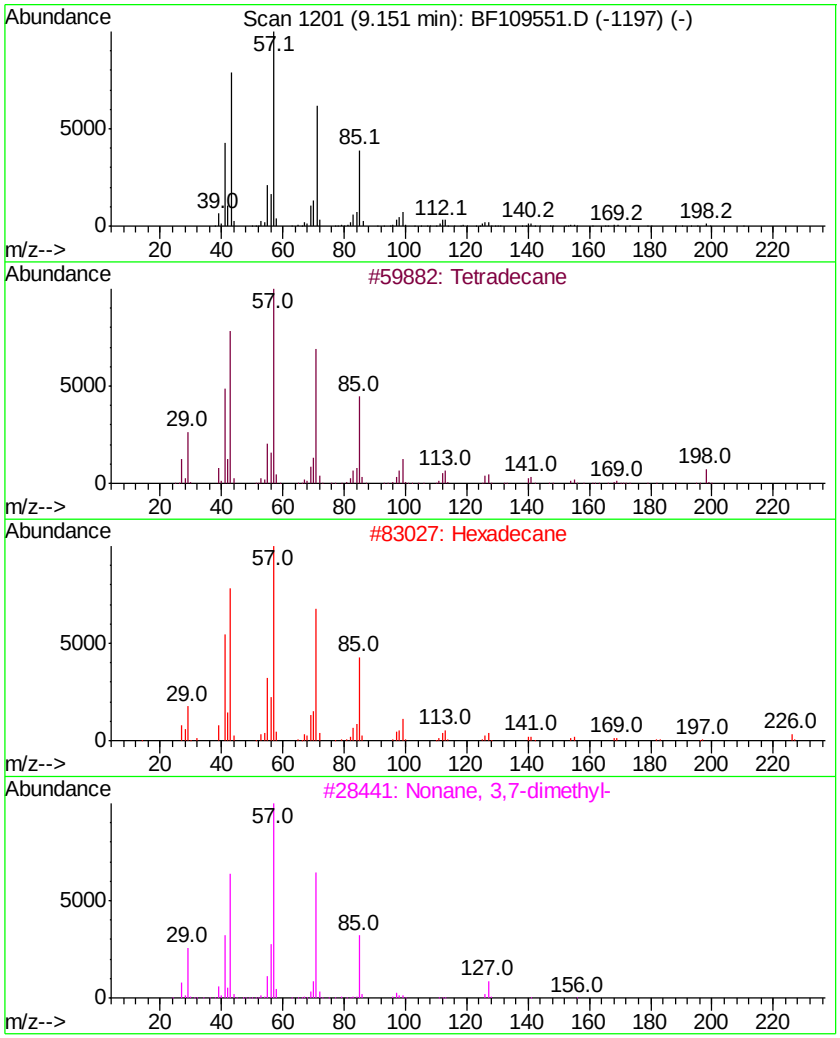
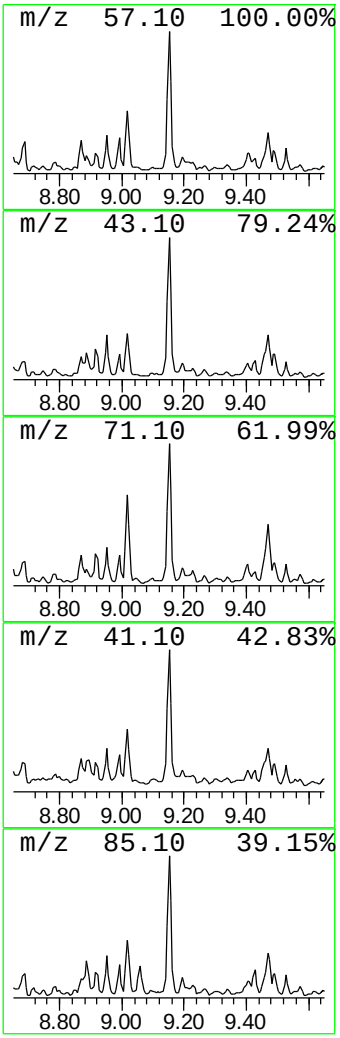
Peak Number 11 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	31.49 ng	1093970	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	64





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ClientSampleId : HR-06-100218-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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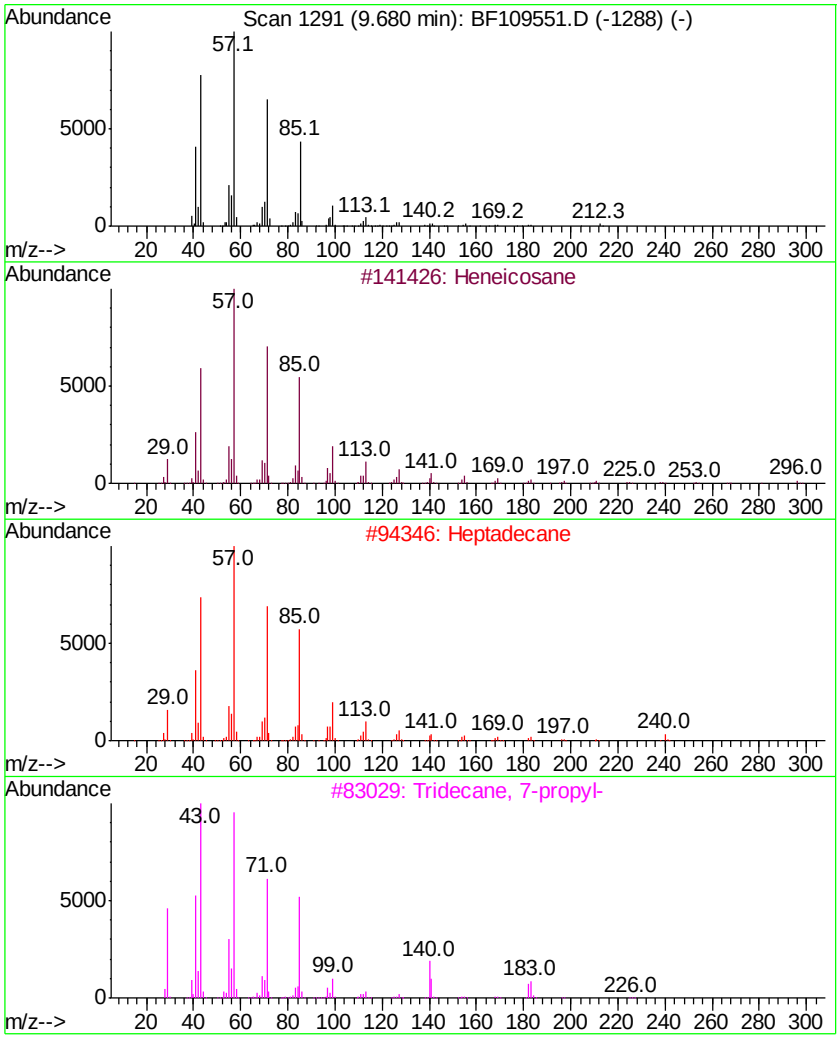
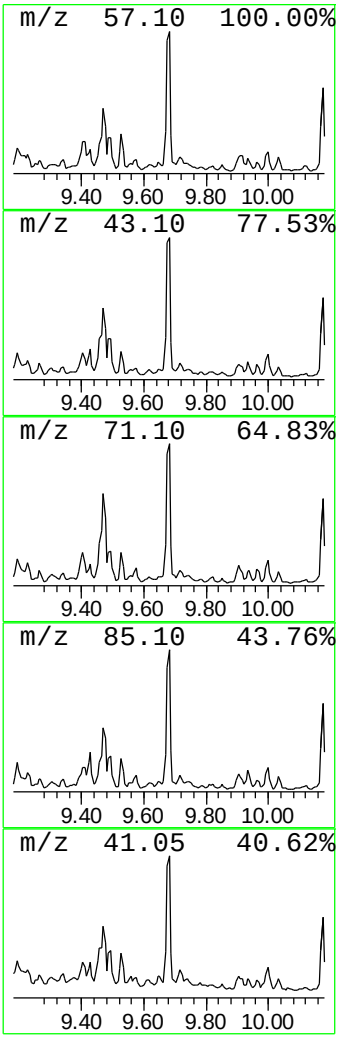
Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	19.10 ng	663387	Acenaphthene-d10	9.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Tridecane	184	C13H28	000629-50-5	86
5	9-methylheptadecane	254	C18H38	026741-18-4	80





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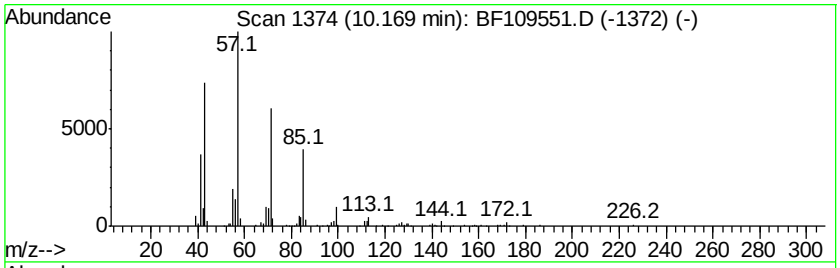
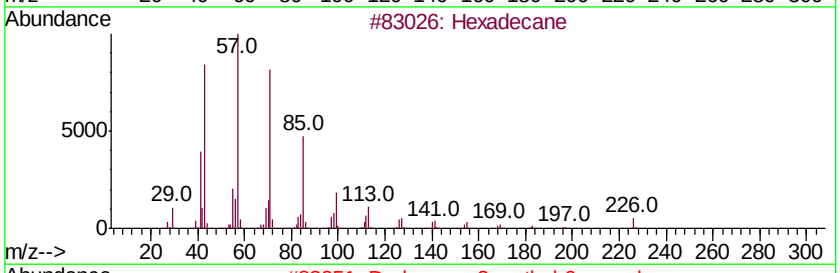
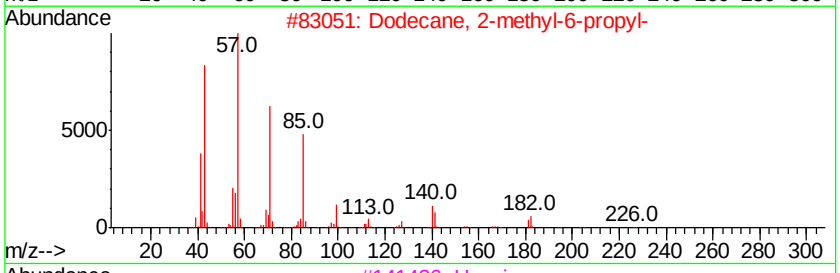
Peak Number 13 Hexadecane Concentration Rank 19

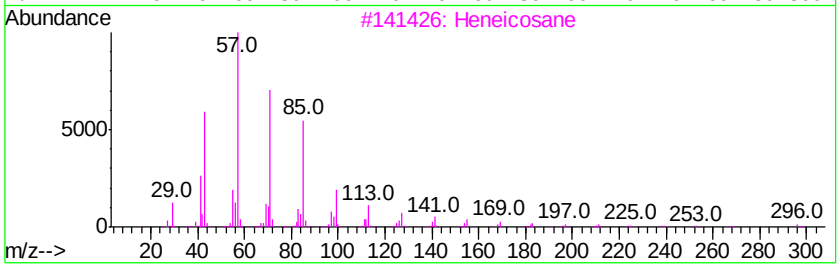
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.17	8.75 ng	304110	Acenaphthene-d10	9.73

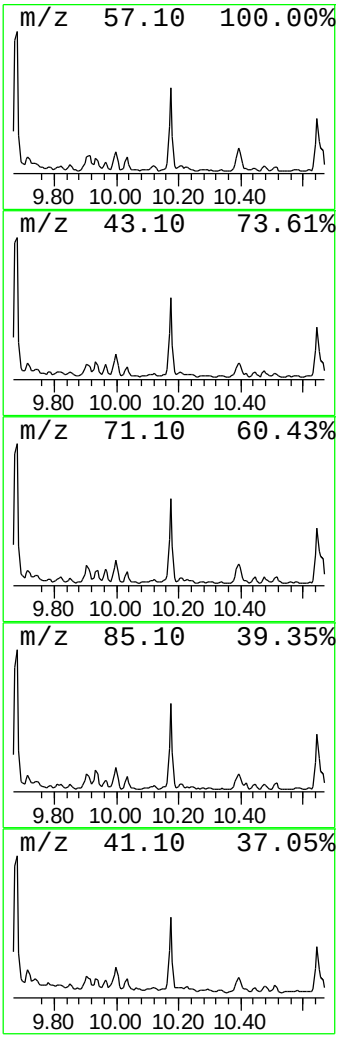
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Heneicosane	296	C21H44	000629-94-7	80
4	Tetradecane	198	C14H30	000629-59-4	64
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64











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Misc :
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ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.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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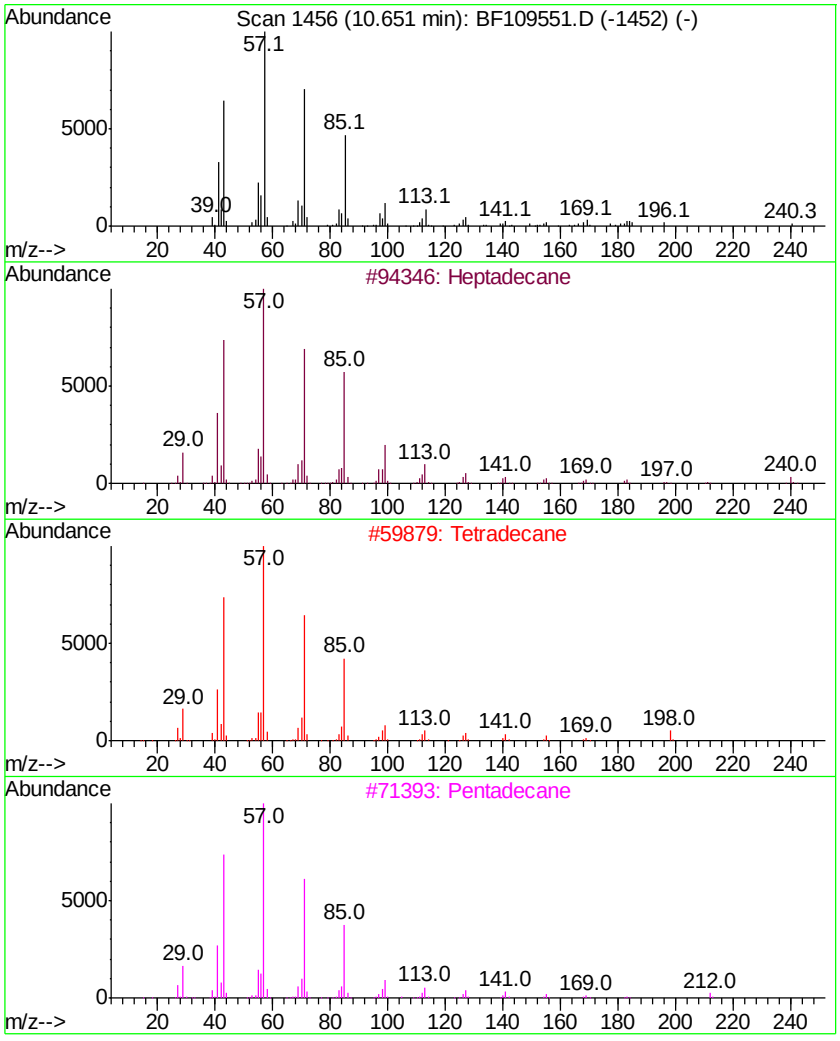
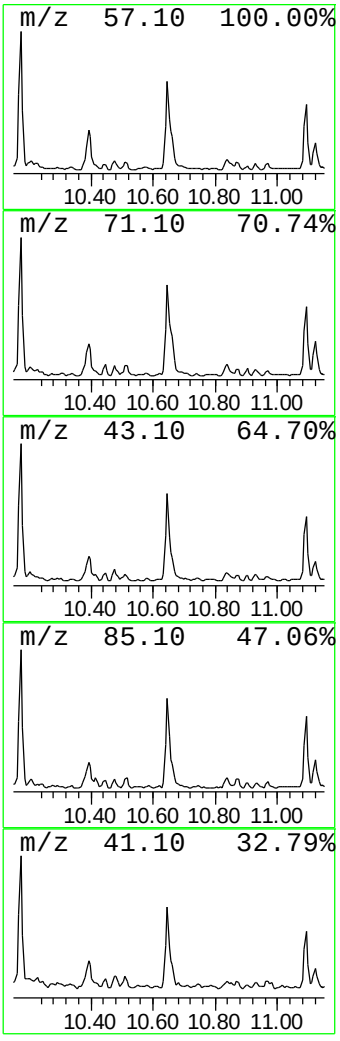
Peak Number 14 Heptadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.65	11.61 ng	328496	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane	184	C13H28	000629-50-5	87





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

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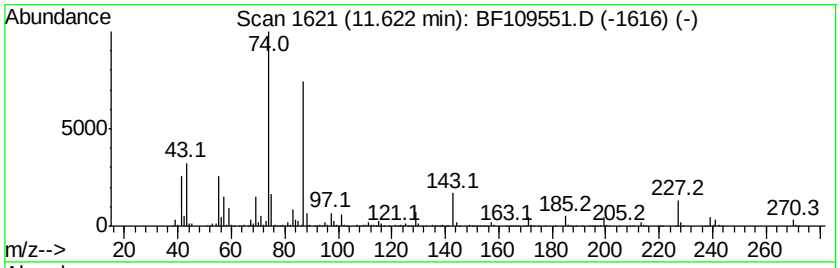
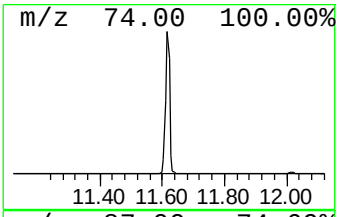
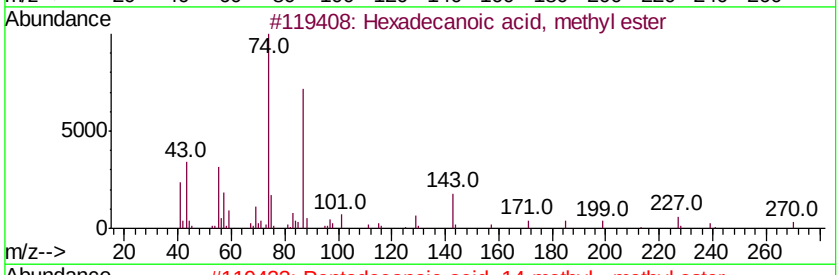
Peak Number 15 Hexadecanoic acid, methyl e... Concentration Rank 3

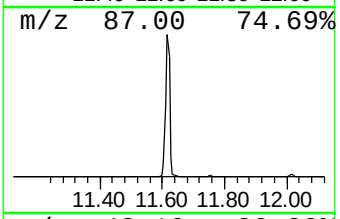
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	89.18 ng	2522150	Phenanthrene-d10	11.21

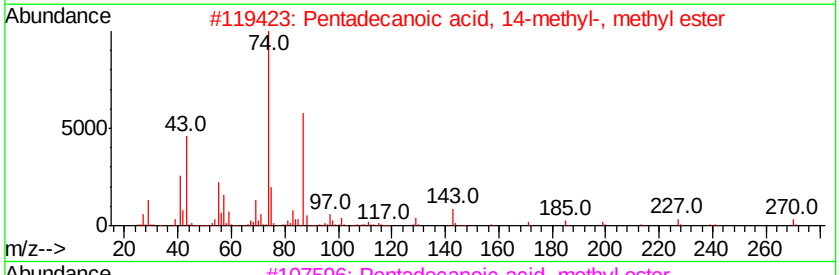
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	87
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	86

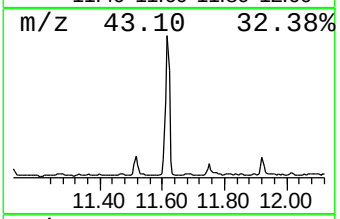


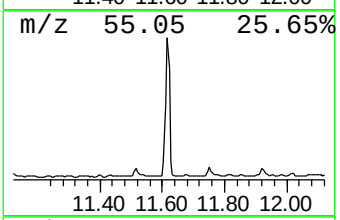


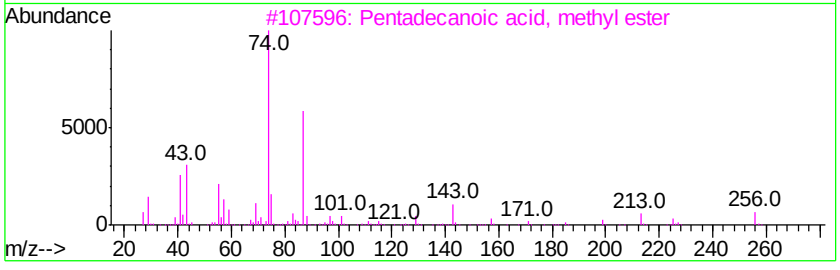


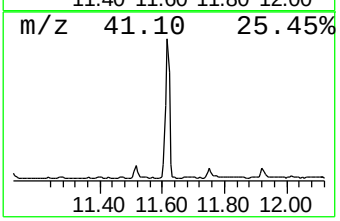












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

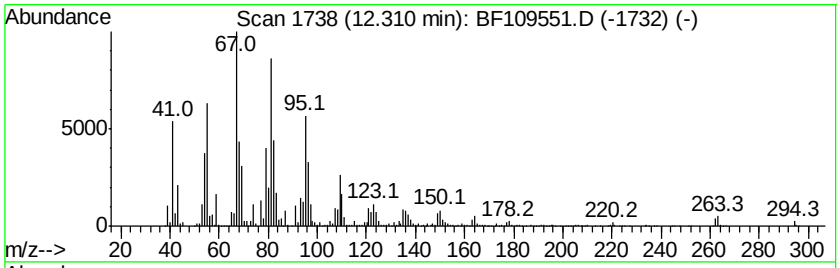
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

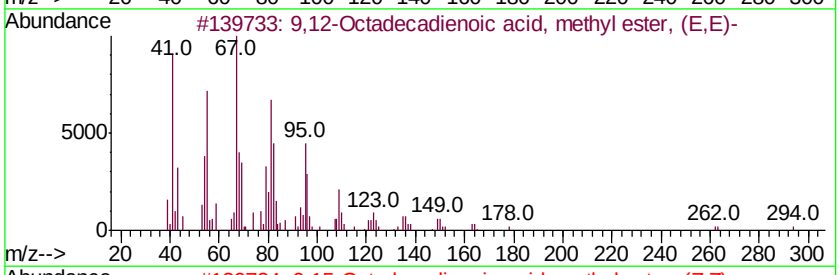
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

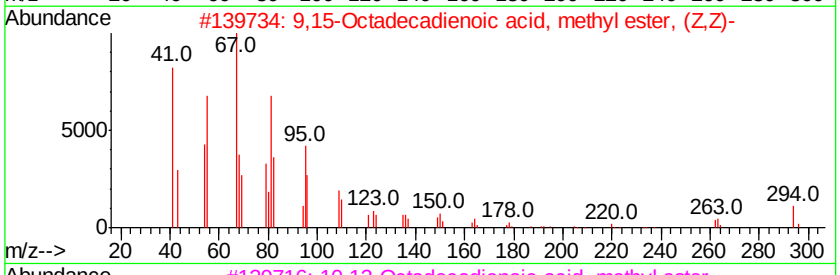
****
Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

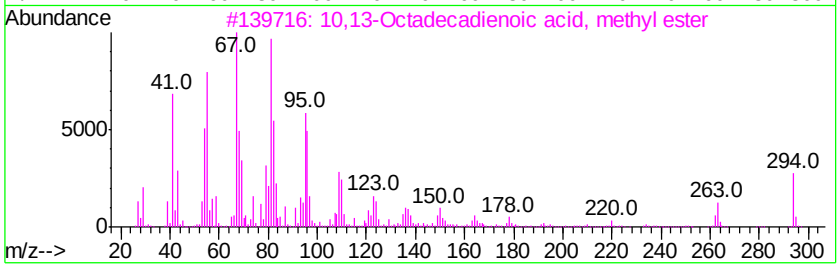
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	296.06 ng	8373370	Phenanthrene-d10	11.21

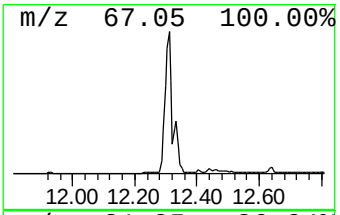
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98
4	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	98
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98

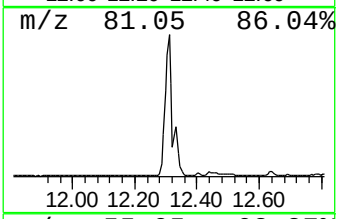


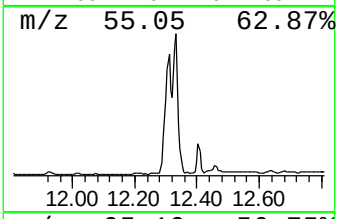


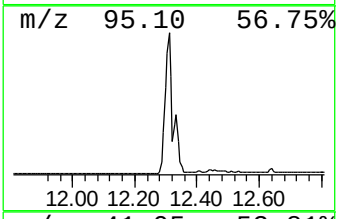


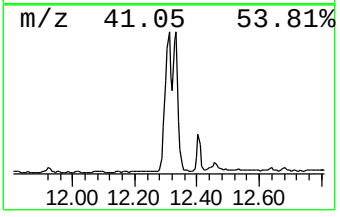












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

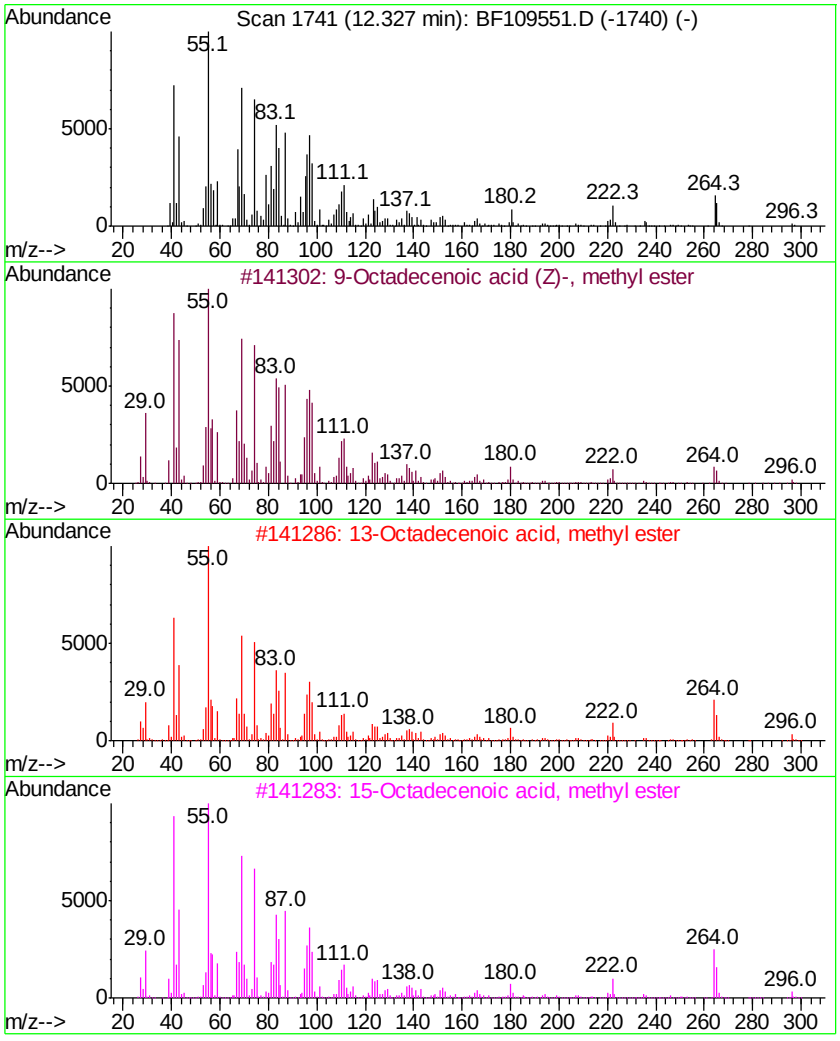
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

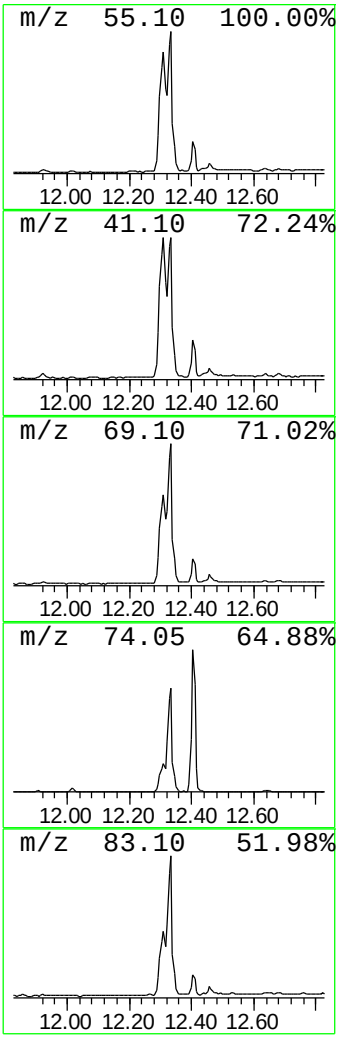
****

Peak Number 17 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	173.95 ng	4919810	Phenanthrene-d10	11.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
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Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

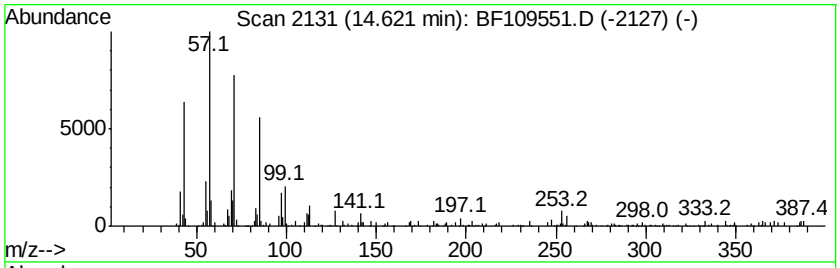
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

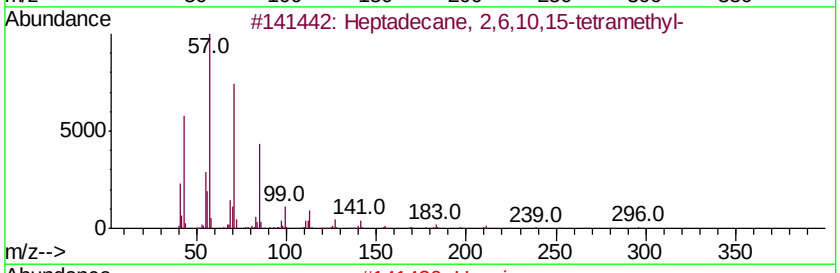
****

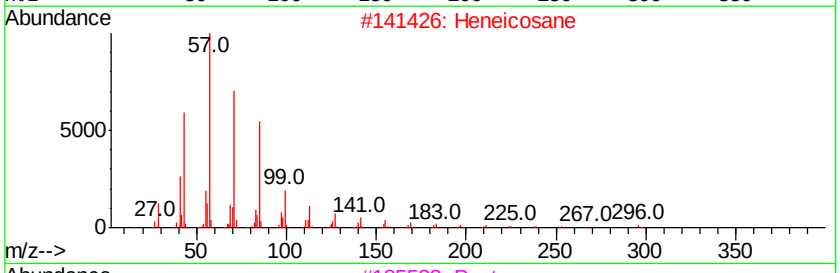
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

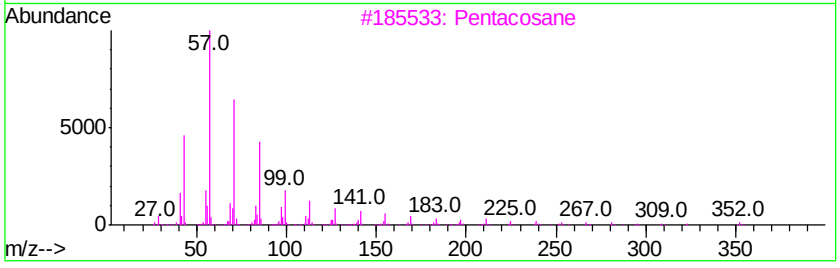
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	11.54 ng	201932	Perylene-d12	15.24

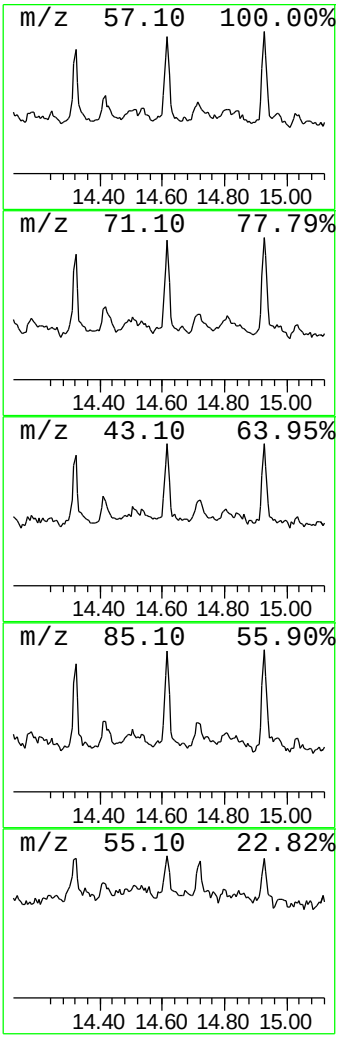
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

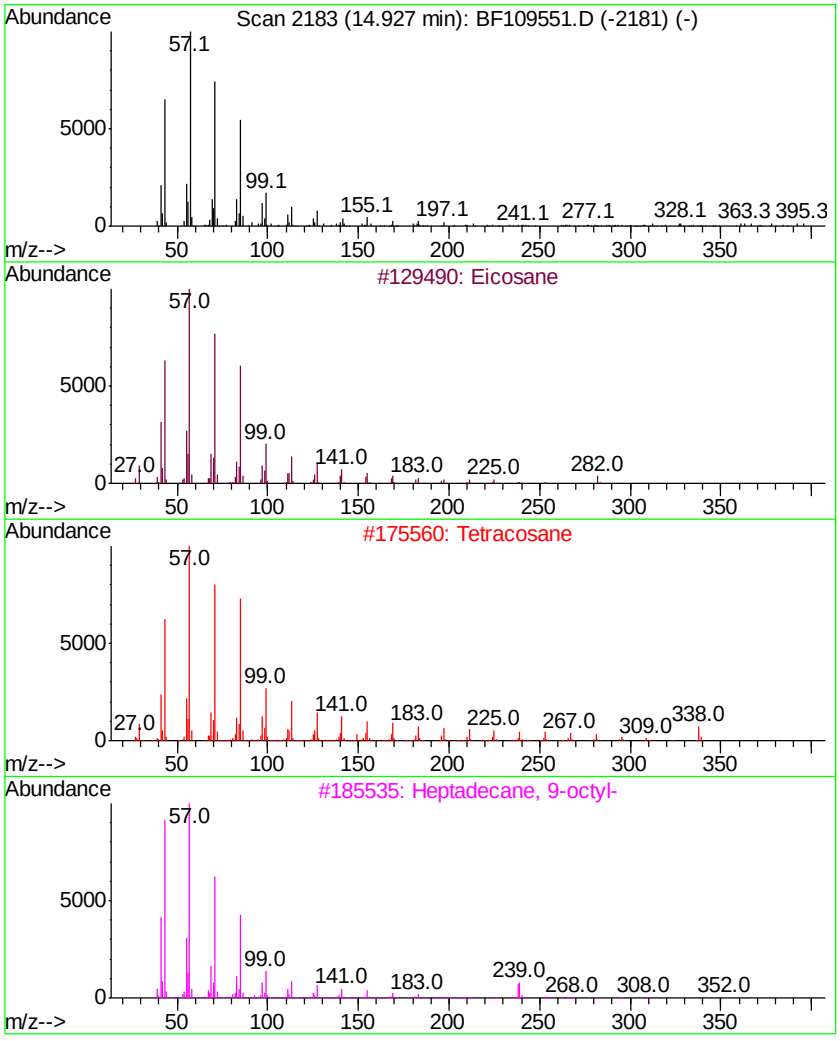
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

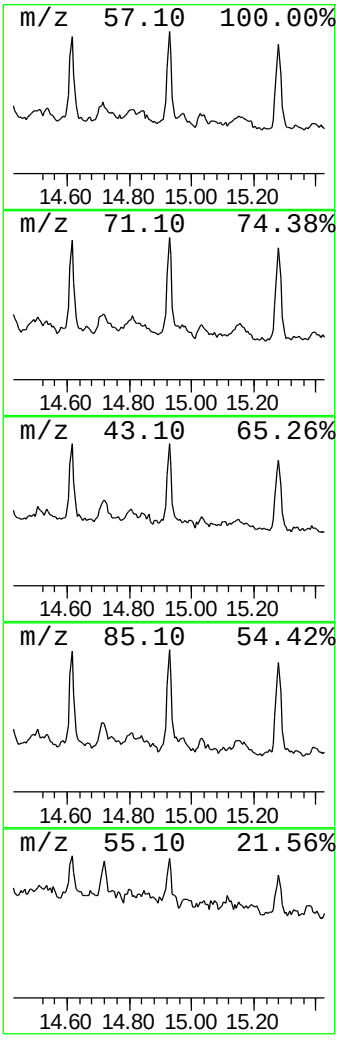
****

Peak Number 19 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	11.94 ng	209003	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
Operator : JU/SJ
Sample : J5194-05 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HR-06-100218-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

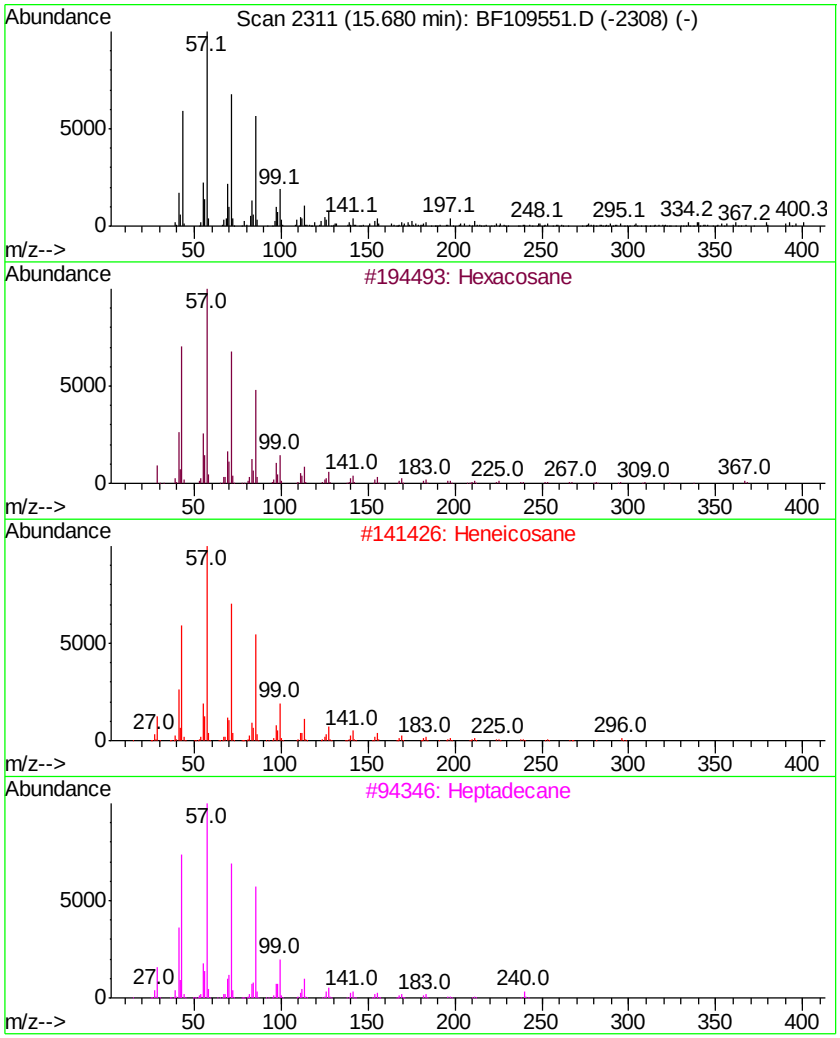
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

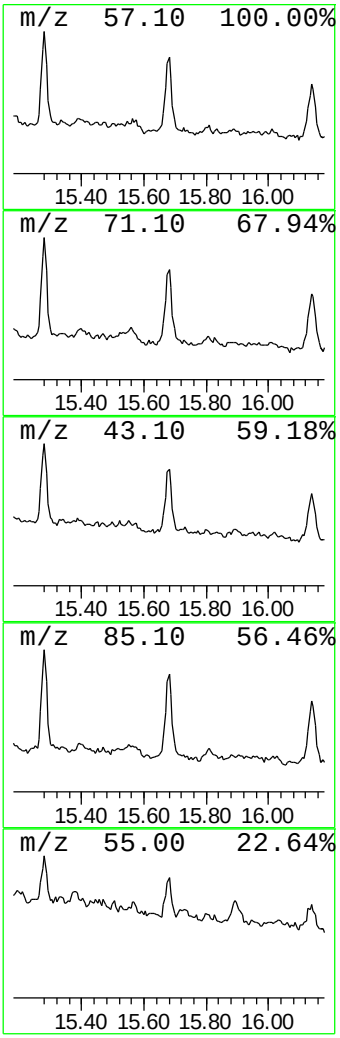
****

Peak Number 20 Hexacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	9.34 ng	163502	Perylene-d12	15.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100318\
Data File : BF109551.D
Acq On : 3 Oct 2018 17:25
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Sample : J5194-05 2X
Misc :
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Instrument : BNA_F
ClientSampleId : HR-06-100218-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.47	6.47	37.5	ng	972629	1	6.70	519414	20.0
Decane	6.55	29.9	ng	777743	1	6.70	519414	20.0
Decane, 5-methyl-	6.99	12.3	ng	319155	1	6.70	519414	20.0
Benzene, 2-ethyl-...	7.03	11.6	ng	302061	1	6.70	519414	20.0
Decane, 2-methyl-	7.06	10.1	ng	262968	1	6.70	519414	20.0
2-methyltetracosane	7.10	15.6	ng	403849	1	6.70	519414	20.0
Undecane	7.32	42.0	ng	1092020	1	6.70	519414	20.0
Dodecane, 2,6,11-...	8.42	8.6	ng	731743	2	7.99	1699320	20.0
Tridecane	8.59	14.0	ng	1188060	2	7.99	1699320	20.0
Tetradecane	9.15	31.5	ng	1093970	3	9.73	694808	20.0
Heneicosane	9.68	19.1	ng	663387	3	9.73	694808	20.0
Hexadecane	10.17	8.8	ng	304110	3	9.73	694808	20.0
Heptadecane	10.65	11.6	ng	328496	4	11.21	565656	20.0
Hexadecanoic acid...	11.62	89.2	ng	2522150	4	11.21	565656	20.0
9,12-Octadecadien...	12.31	296.1	ng	8373370	4	11.21	565656	20.0
9-Octadecenoic ac...	12.33	173.9	ng	4919810	4	11.21	565656	20.0
Heptadecane, 2,6,...	14.62	11.5	ng	201932	6	15.24	350120	20.0
Eicosane	14.93	11.9	ng	209003	6	15.24	350120	20.0
Hexacosane	15.68	9.3	ng	163502	6	15.24	350120	20.0