LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

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-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.372	3	6	17	rVB	1712011	2177336	41.51%	1.982%
2	4.190	309	315	320	rVB	1851720	2243401	42.77%	2.042%
3	5.254	491	496	503	rVB	440719	472715	9.01%	0.430%
4	5.642	554	562	565	rBV	2686273	2388597	45.53%	2.174%
5	6.631	725	730	735	rBV	1787023	1665980	31.76%	1.517%
6	6.784	752	756	760	rVB	3942674	3985935	75.98%	3.629%
7	7.013	790	795	802	rVB	1418794	1285347	24.50%	1.170%
8	7.072	802	805	808	rBV2	214788	248475	4.74%	0.226%
9	7.119	808	813	817	rVB3	195669	345010	6.58%	0.314%
10	7.172	817	822	826	rBV	4058244	3892389	74.20%	3.543%
11	7.413	859	863	864	rVV2	195428	301954	5.76%	0.275%
12	7.448	865	869	871	rVB	321735	407066	7.76%	0.371%
13	7.578	887	891	898	rVV	3179136	3679383	70.14%	3.350%
14	7.742	906	919	922	rBV3	519623	1256523	23.95%	1.144%
15	7.801	926	929	931	rVV	484814	606447	11.56%	0.552%
16	7.819	931	932	937	rVV3	271476	297808	5.68%	0.271%
17	8.031	965	968	973	rVV	482953	460837	8.78%	0.420%
18	8.260	1004	1007	1010	rVV	1202787	1030680	19.65%	0.938%
19	8.301	1010	1014	1018	rVV	1609553	1544316	29.44%	1.406%
20	8.336	1018	1020	1024	rVB	543206	500391	9.54%	0.456%
21	8.378	1024	1027	1033	rVB4	169681	249928	4.76%	0.228%
22	8.578	1058	1061	1066	rBV5	553700	645072	12.30%	0.587%
23	8.701	1079	1082	1084	rVB	671566	530939	10.12%	0.483%
24	8.801	1095	1099	1103	rBV2	468738	532695	10.15%	0.485%
25	8.872	1106	1111	1116	rBV	2070114	1929444	36.78%	1.756%
26	8.919	1116	1119	1122	rBV4	175551	245104	4.67%	0.223%
27	8.960	1123	1126	1129	rVB2	414684	461127	8.79%	0.420%
28	8.995	1129	1132	1136	rVB5	215788	249352	4.75%	0.227%
29	9.119	1150	1153	1157	rBV3	596559	637466	12.15%	0.580%
30	9.154	1157	1159	1161	rVV2	435703	376958	7.19%	0.343%
31	9.201	1164	1167	1170	rVB3	418489	470936	8.98%	0.429%
32	9.236	1170	1173	1176	rBV	752559	699528	13.34%	0.637%
33	9.278	1178	1180	1182	rVV	340574	283213	5.40%	0.258%
34	9.301	1182	1184	1187	rVV	806002	729503	13.91%	0.664%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.378	1192	1197	1200	rBV	5047465	5245788	100.00%	4.775%
36	9.442	1204	1208	1211	rVV	2868172	2643578	50.39%	2.407%
37	9.483	1212	1215	1217	rVV3	344918	405231	7.72%	0.369%
38	9.519	1219	1221	1224	rVV2	481819	488925	9.32%	0.445%
39	9.630	1237	1240	1246	rVB5	267708	310164	5.91%	0.282%
40	9.695	1246	1251	1253	rBV3	544704	807551	15.39%	0.735%
41	9.713	1253	1254	1257	rVB	340383	248356	4.73%	0.226%
42	9.760	1258	1262	1265	rBV2	1587181	1671966	31.87%	1.522%
43	9.825	1270	1273	1276	rVB2	374485	408491	7.79%	0.372%
44	9.972	1295	1298	1302	rVV	3528426	2991395	57.02%	2.723%
45	10.013	1302	1305	1307	rVV3	340503	385947	7.36%	0.351%
46	10.036	1307	1309	1311	rVV2	254523	294582	5.62%	0.268%
47	10.060	1311	1313	1318	rVB	1313156	1211654	23.10%	1.103%
48	10.201	1334	1337	1340	rVV2	446475	626581	11.94%	0.570%
49	10.230	1340	1342	1345	rVV2	534254	446405	8.51%	0.406%
50	10.260	1345	1347	1350	rVB2	563357	438490	8.36%	0.399%
51	10.295	1350	1353	1357	rBV3	852673	1045542	19.93%	0.952%
52	10.330	1357	1359	1363	rVB	561779	474337	9.04%	0.432%
53	10.377	1364	1367	1370	rBV4	323887	501815	9.57%	0.457%
54	10.477	1380	1384	1386	rBV	3513656	3084362	58.80%	2.808%
55	10.507	1386	1389	1391	rVB2	273579	256080	4.88%	0.233%
56	10.695	1416	1421	1423	rBV	1641965	1920498	36.61%	1.748%
57	10.748	1427	1430	1433	rVB	425446	313794	5.98%	0.286%
58	10.777	1433	1435	1439	rBV2	438340	437868	8.35%	0.399%
59	10.813	1439	1441	1445	rVB3	519125	467498	8.91%	0.426%
60	10.854	1445	1448	1452	rBV	2580395	2631100	50.16%	2.395%
61	10.948	1461	1464	1470	rBV	3191213	4578248	87.27%	4.168%
62	11.142	1494	1497	1501	rBV	457604	585540	11.16%	0.533%
63	11.177	1501	1503	1505	rVB	359408	259050	4.94%	0.236%
64	11.236	1510	1513	1516	rVB	511388	419659	8.00%	0.382%
65	11.272	1516	1519	1521	rBV2	406432	383768	7.32%	0.349%
66	11.401	1537	1541	1543	rBV	2811438	2278333	43.43%	2.074%
67	11.430	1543	1546	1548	rVV	1353093	1180837	22.51%	1.075%
68	11.483	1553	1555	1561	rVB3	309395	358115	6.83%	0.326%
69	11.560	1562	1568	1570	rBV	1402664	1577213	30.07%	1.436%
70	11.642	1579	1582	1584	rBV2	241885	245531	4.68%	0.224%
71	11.671	1584	1587	1591	rVB	395882	361718	6.90%	0.329%

LSC Area Percent Report

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Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	11.707	1591	1593	1597	rBV2	373159	403008	7.68%	0.367%
73	11.748	1598	1600	1603	rVV	303780	308454	5.88%	0.281%
74	11.783	1603	1606	1610	rVV2	460632	559931	10.67%	0.510%
75	11.824	1610	1613	1617	rVB	2160360	1997326	38.07%	1.818%
76	11.924	1628	1630	1634	rVB	565619	489737	9.34%	0.446%
77	11.995	1639	1642	1646	rVB3	284046	399866	7.62%	0.364%
78	12.066	1651	1654	1656	rVV	406696	408245	7.78%	0.372%
79	12.089	1656	1658	1661	rVB2	280419	232237	4.43%	0.211%
80	12.236	1680	1683	1686	rVB	1810983	1446928	27.58%	1.317%
81	12.348	1699	1702	1705	rVB	364682	307903	5.87%	0.280%
82	12.518	1728	1731	1733	rBV	290155	243749	4.65%	0.222%
83	12.624	1746	1749	1755	rVB	1381864	1199561	22.87%	1.092%
84	12.995	1809	1812	1821	rVB2	902569	1098737	20.95%	1.000%
85	13.148	1834	1838	1841	rVB	4152251	3856711	73.52%	3.511%
86	13.354	1870	1873	1876	rVB	732009	567554	10.82%	0.517%
87	13.560	1906	1908	1912	rVB2	339192	303854	5.79%	0.277%
88	13.701	1928	1932	1935	rBV2	683974	887262	16.91%	0.808%
89	13.748	1938	1940	1943	rVB	966794	888832	16.94%	0.809%
90	13.918	1966	1969	1970	rBV2	461605	538111	10.26%	0.490%
91	14.030	1985	1988	1990	rBV	436027	358508	6.83%	0.326%
92	14.165	2009	2011	2015	rBV	420078	357481	6.81%	0.325%
93	14.213	2016	2019	2028	rVB	1252670	1607359	30.64%	1.463%
94	14.407	2049	2052	2057	rBV2	584696	1063715	20.28%	0.968%
95	14.454	2057	2060	2064	rVB	848637	947925	18.07%	0.863%
96	14.507	2064	2069	2072	rBV2	1075812	1888191	35.99%	1.719%
97	14.648	2089	2093	2098	rBV	1068997	1860428	35.47%	1.694%
98	14.712	2102	2104	2109	rVB2	650567	787882	15.02%	0.717%
99	14.824	2118	2123	2130	rBV	2732330	5030527	95.90%	4.580%
100	15.777	2281	2285	2290	rVB	677175	990327	18.88%	0.902%

Sum of corrected areas: 109848214

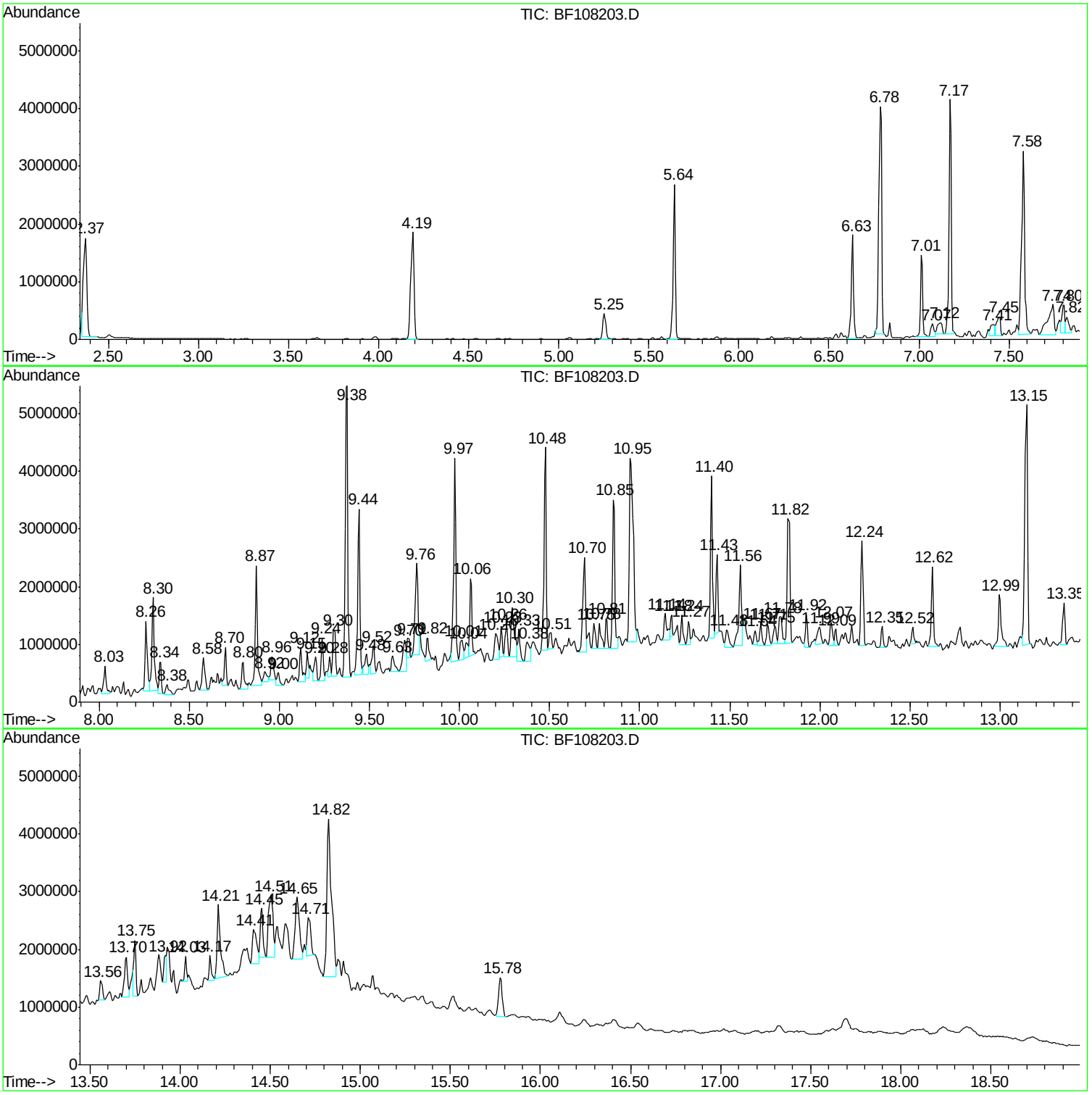
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
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Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

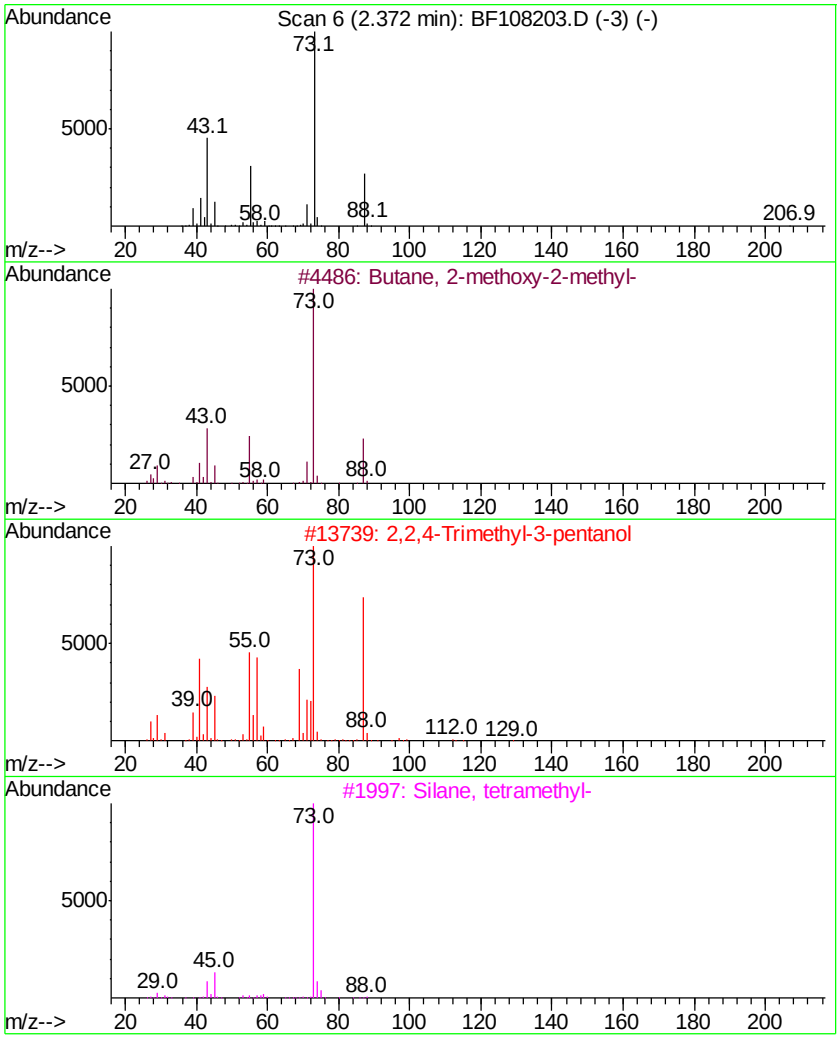
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

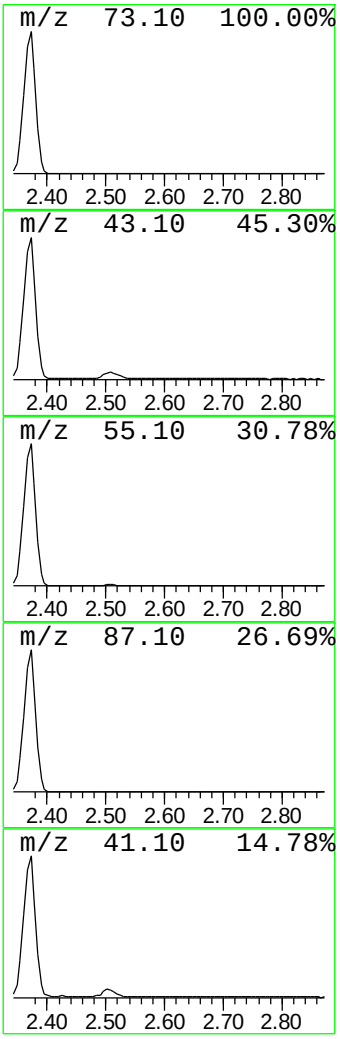
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.37	33.88 ng	2177340	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
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Acq On : 16 Aug 2018 18:59
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Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

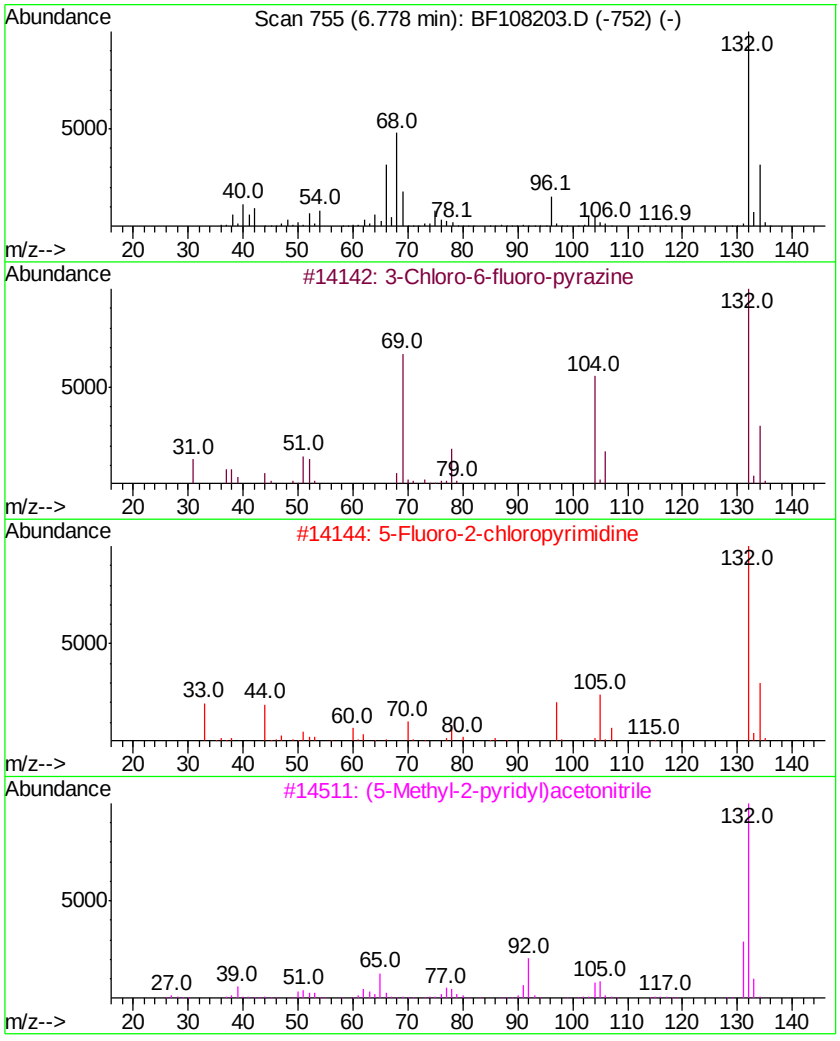
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

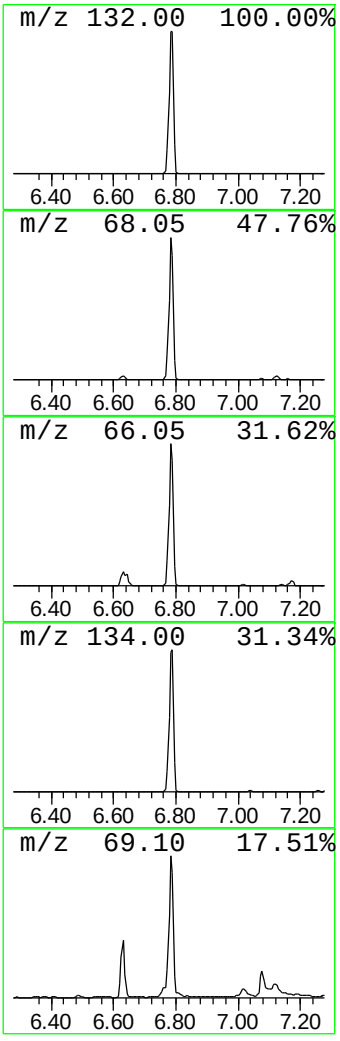
****

Peak Number 3 unknown6.78 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	62.02 ng	3985940	1,4-Dichlorobenzene-d4	7.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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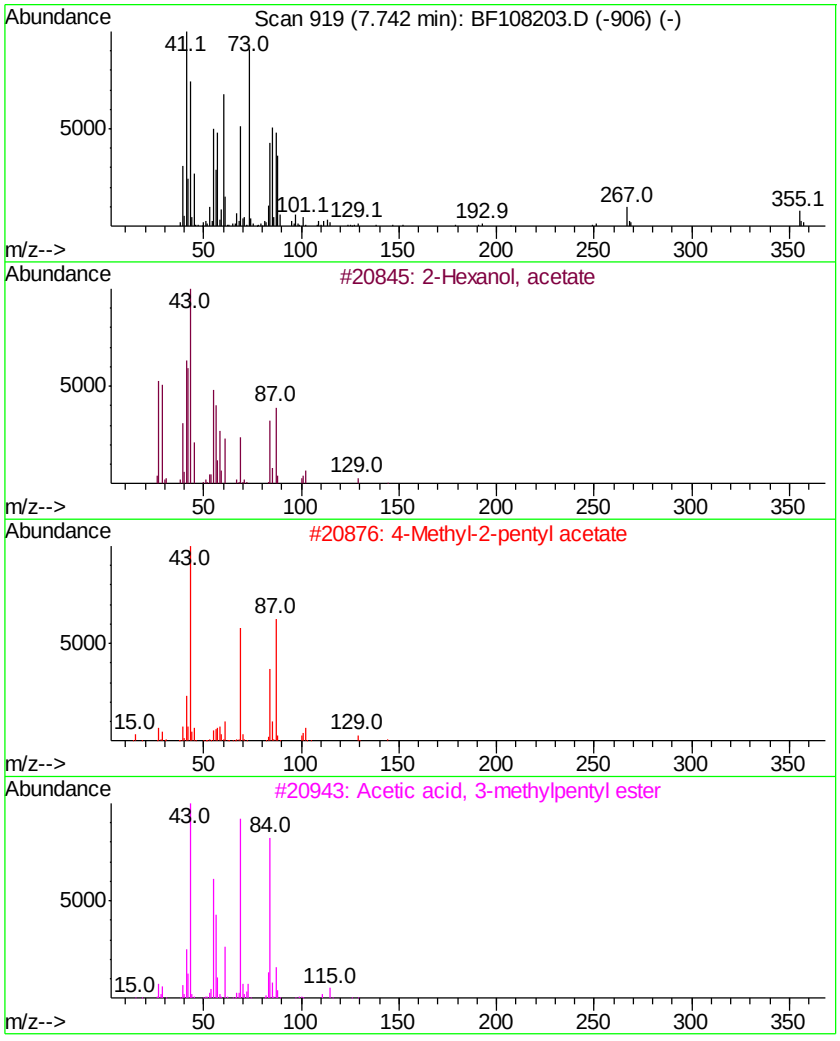
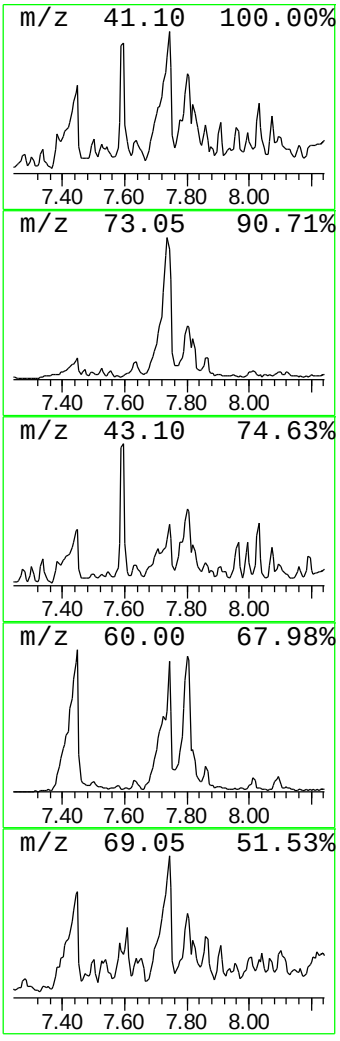
Peak Number 5 unknown7.74 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	16.27 ng	1256520	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, acetate	144	C8H16O2	005953-49-1	27
2	4-Methyl-2-pentyl acetate	144	C8H16O2	000108-84-9	27
3	Acetic acid, 3-methylpentyl ester	144	C8H16O2	1000368-21-4	22
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	22
5	Sulfurous acid, hexyl tridecyl e...	348	C19H40O3S	1000309-13-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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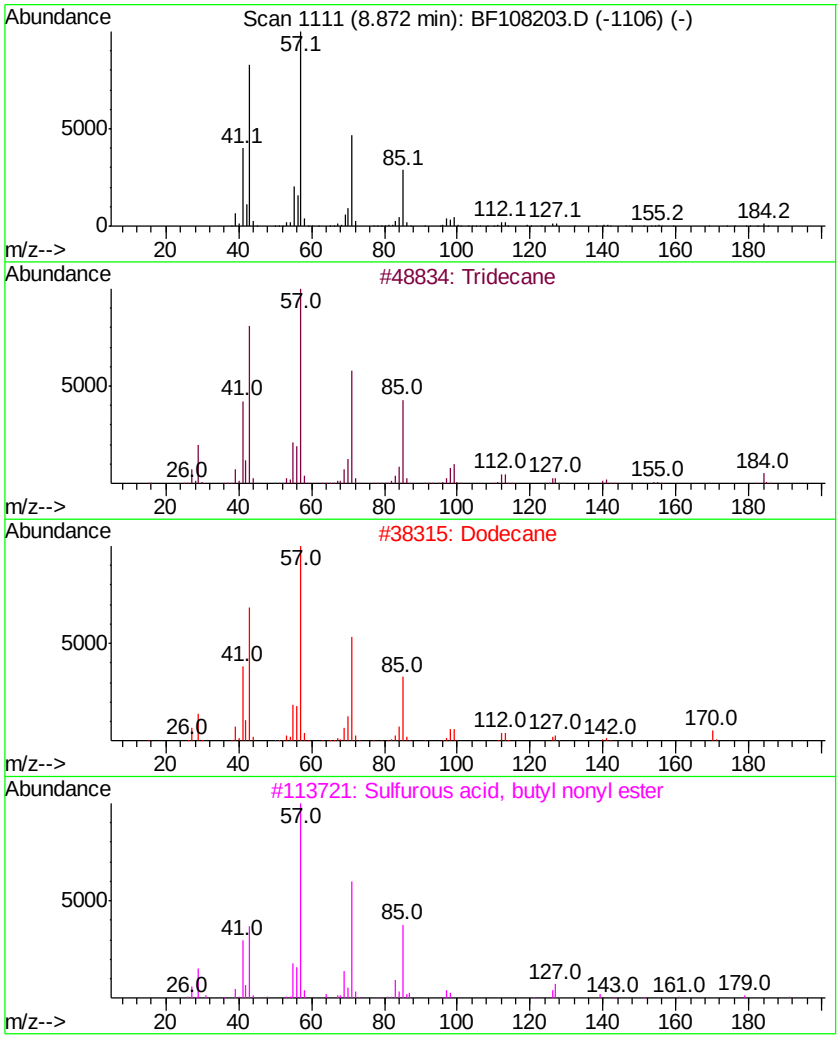
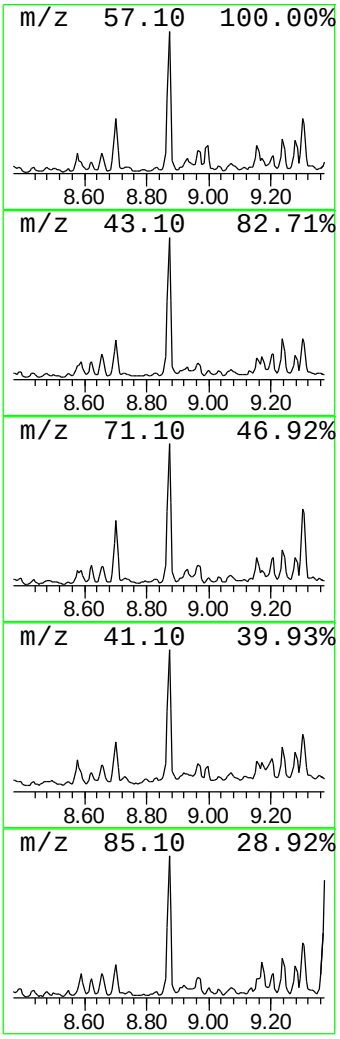
Peak Number 6 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	24.99 ng	1929440	Naphthalene-d8	8.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane	170	C12H26	000112-40-3	86
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	78
4	Hexadecane	226	C16H34	000544-76-3	78
5	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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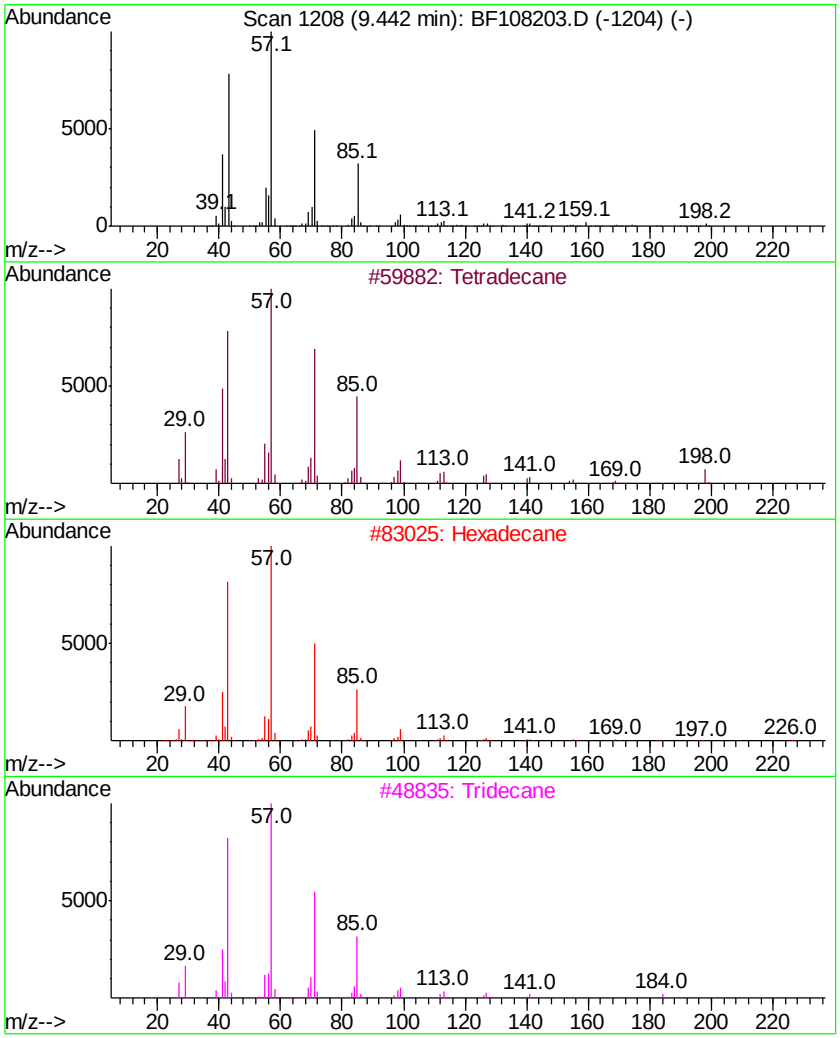
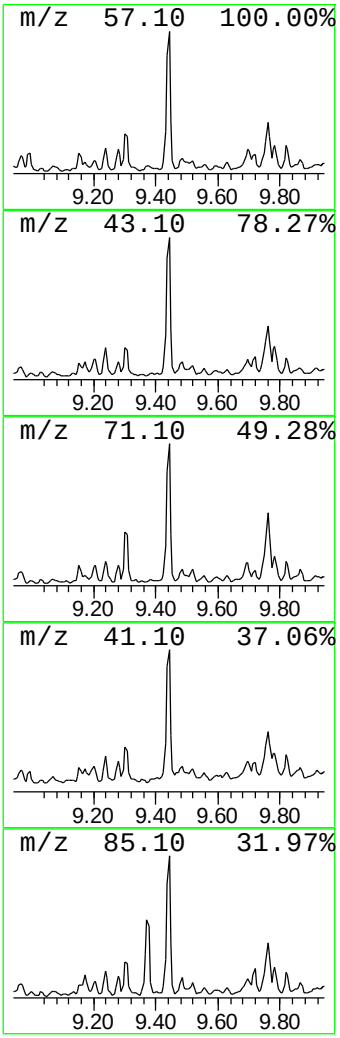
Peak Number 7 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	43.64 ng	2643580	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tridecane	184	C13H28	000629-50-5	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	74
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

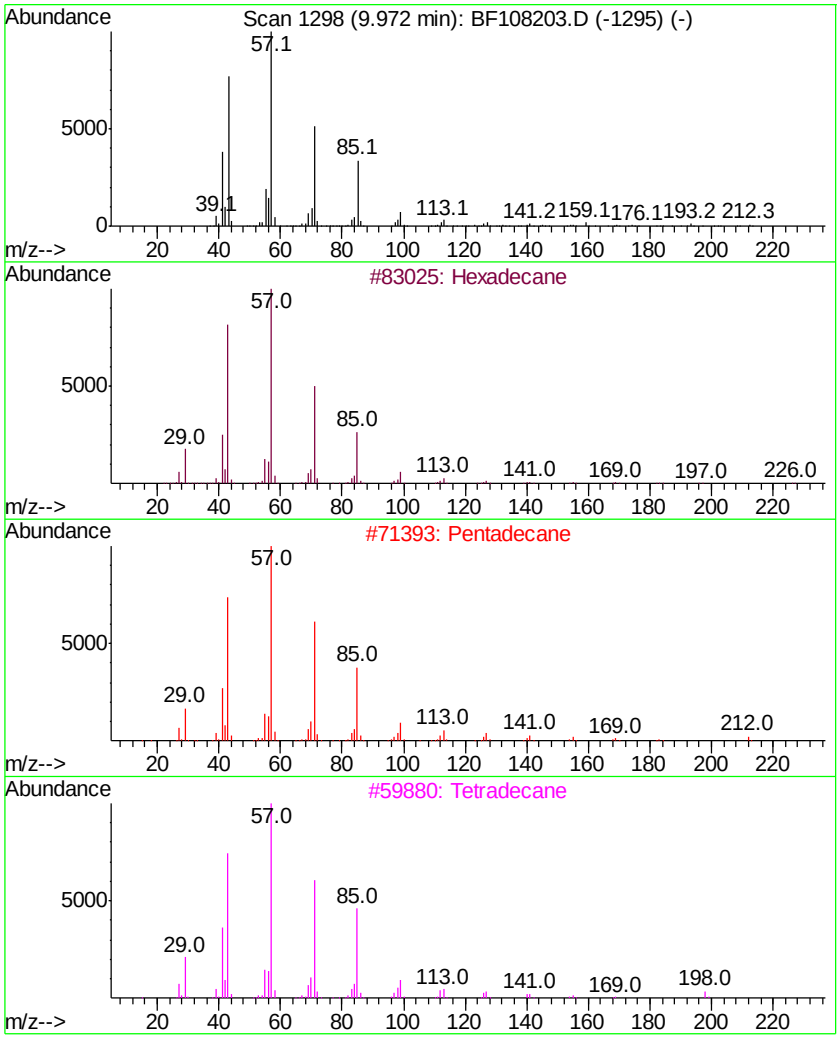
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

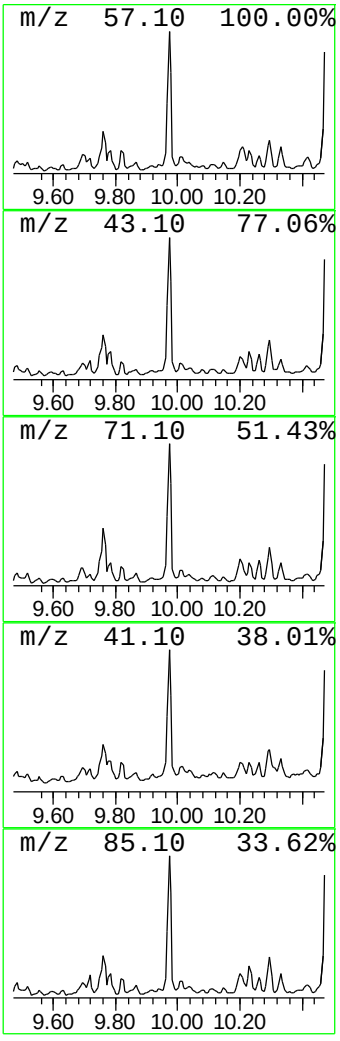
****

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	49.38 ng	2991400	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Tridecane	184	C13H28	000629-50-5	83
5	Undecane	156	C11H24	001120-21-4	80





Library Search Compound Report

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Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

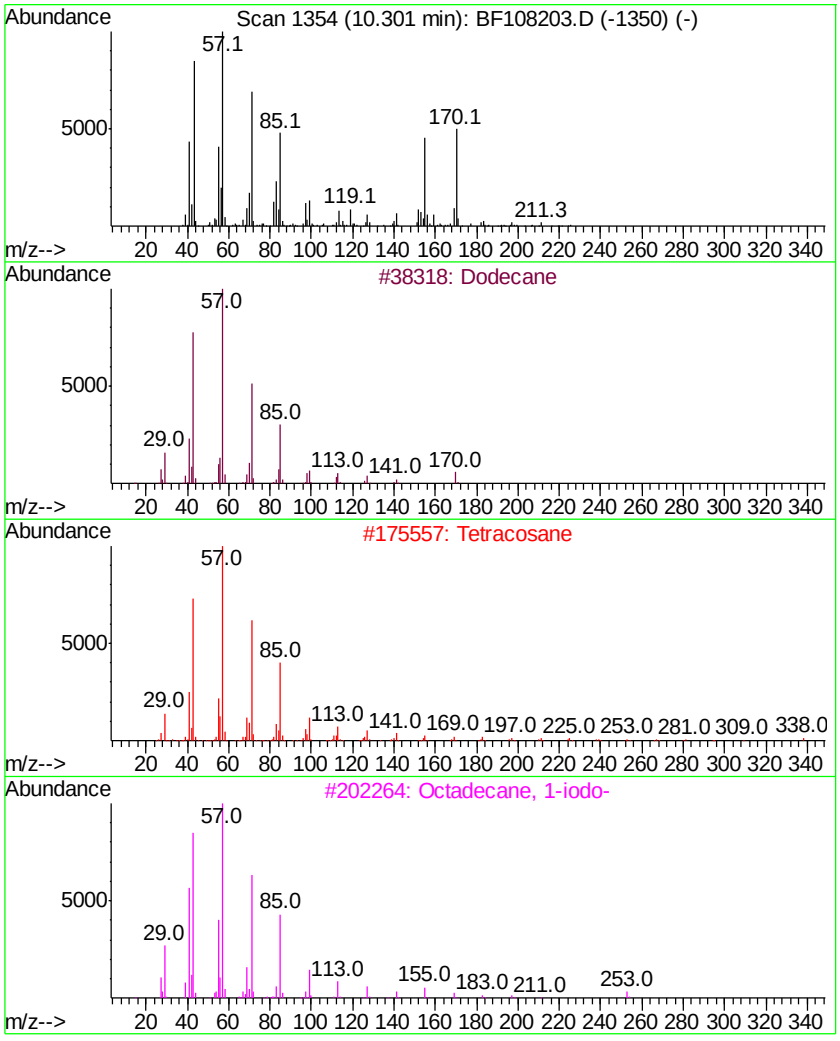
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

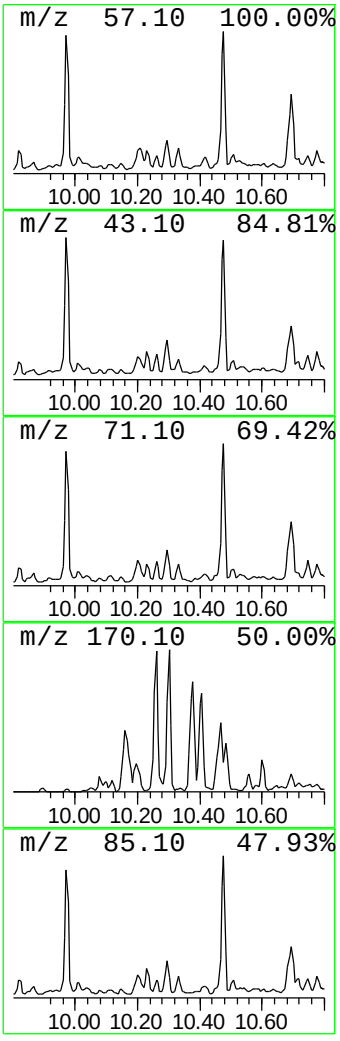
****

Peak Number 9 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	17.26 ng	1045540	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Tetracosane	338	C24H50	000646-31-1	83
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
4	Eicosane	282	C20H42	000112-95-8	83
5	Heptacosane	380	C27H56	000593-49-7	83





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Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

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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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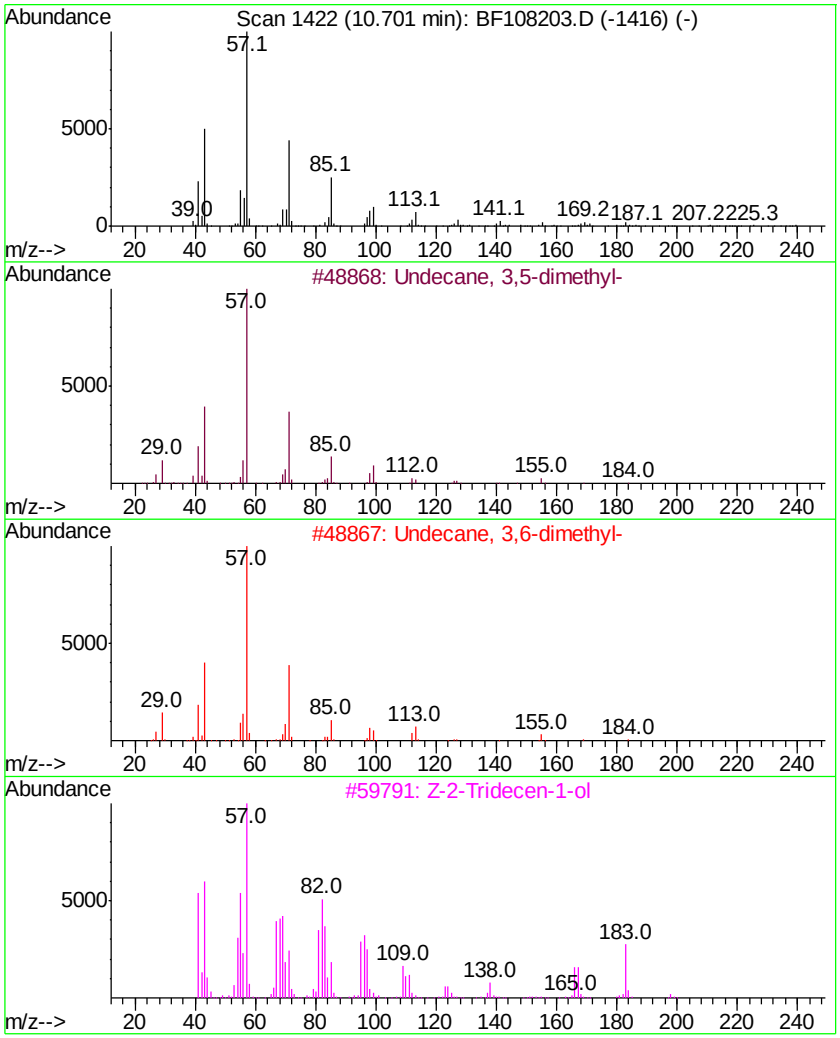
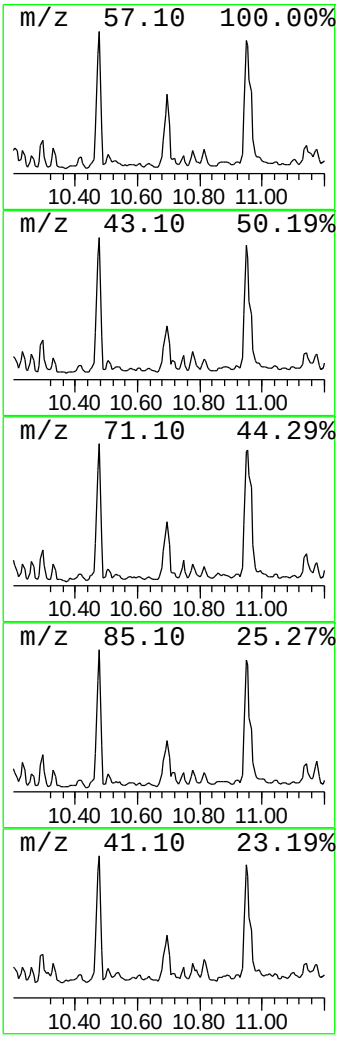
Peak Number 11 Undecane, 3,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	31.70 ng	1920500	Acenaphthene-d10	10.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74
4	Heneicosane	296	C21H44	000629-94-7	72
5	Heptacosane	380	C27H56	000593-49-7	64





Library Search Compound Report

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Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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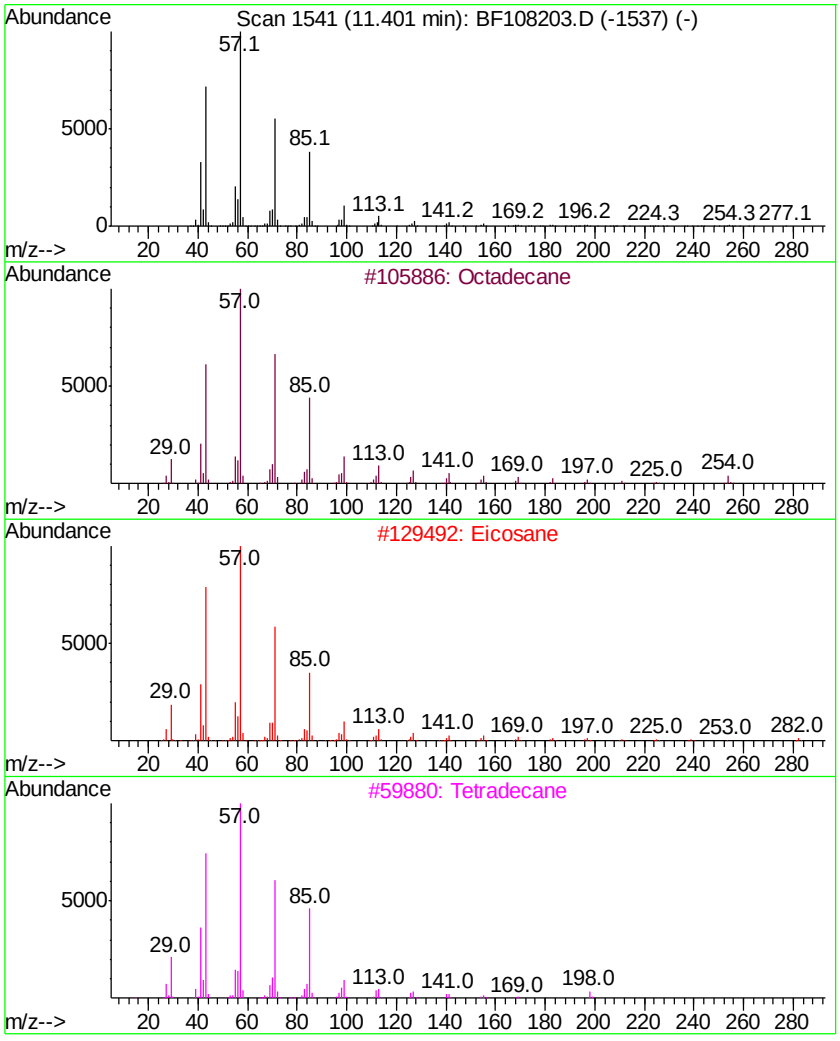
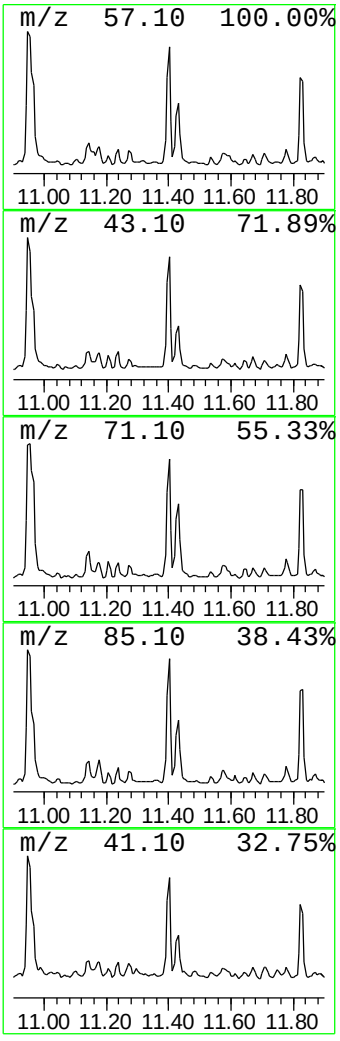
Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	28.89 ng	2278330	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Eicosane	282	C20H42	000112-95-8	90
3	Tetradecane	198	C14H30	000629-59-4	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptadecane	240	C17H36	000629-78-7	83





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Operator : JU/SJ
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : FRAC-TANK-SV28570L

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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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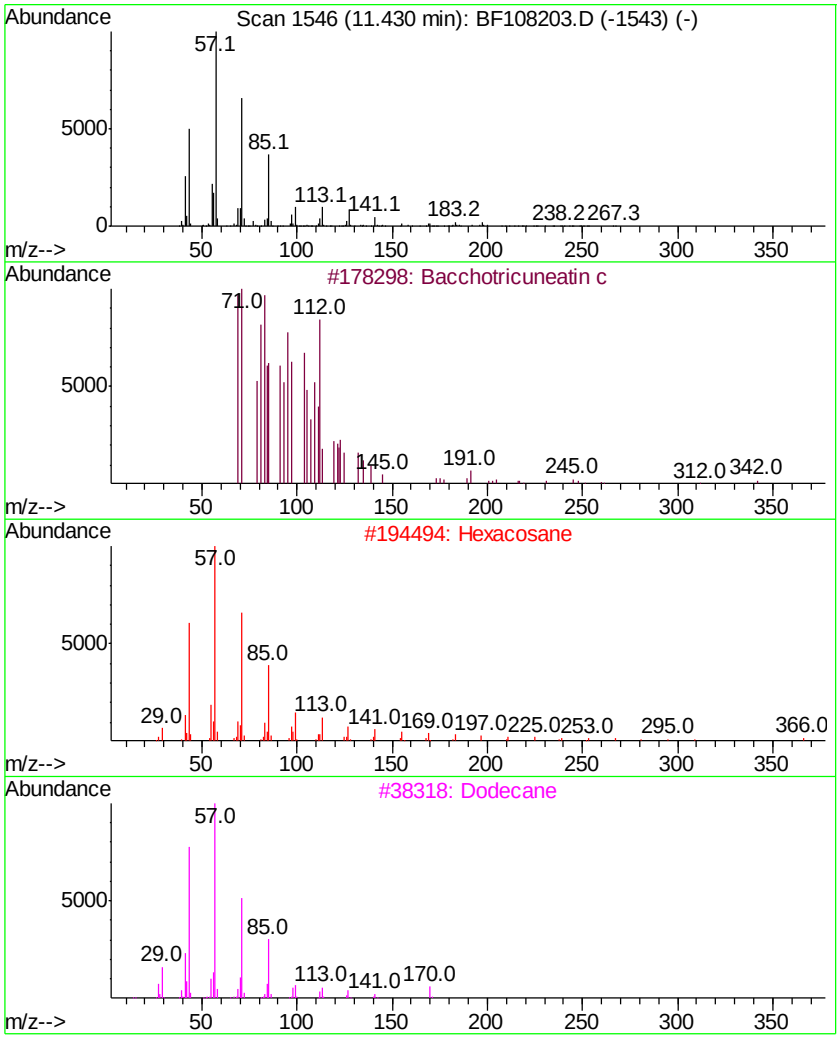
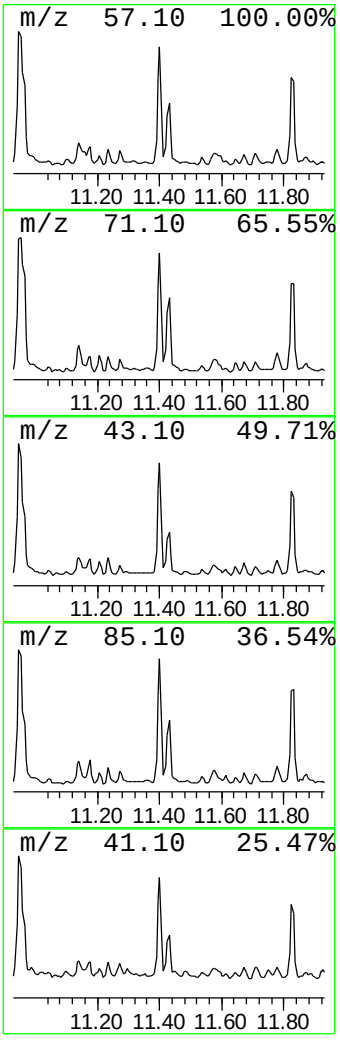
Peak Number 14 Bacchotricuneatin c Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	14.97 ng	1180840	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2	Hexacosane	366	C26H54	000630-01-3	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Tridecane	184	C13H28	000629-50-5	86
5	Tetracosane	338	C24H50	000646-31-1	86





Library Search Compound Report

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Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

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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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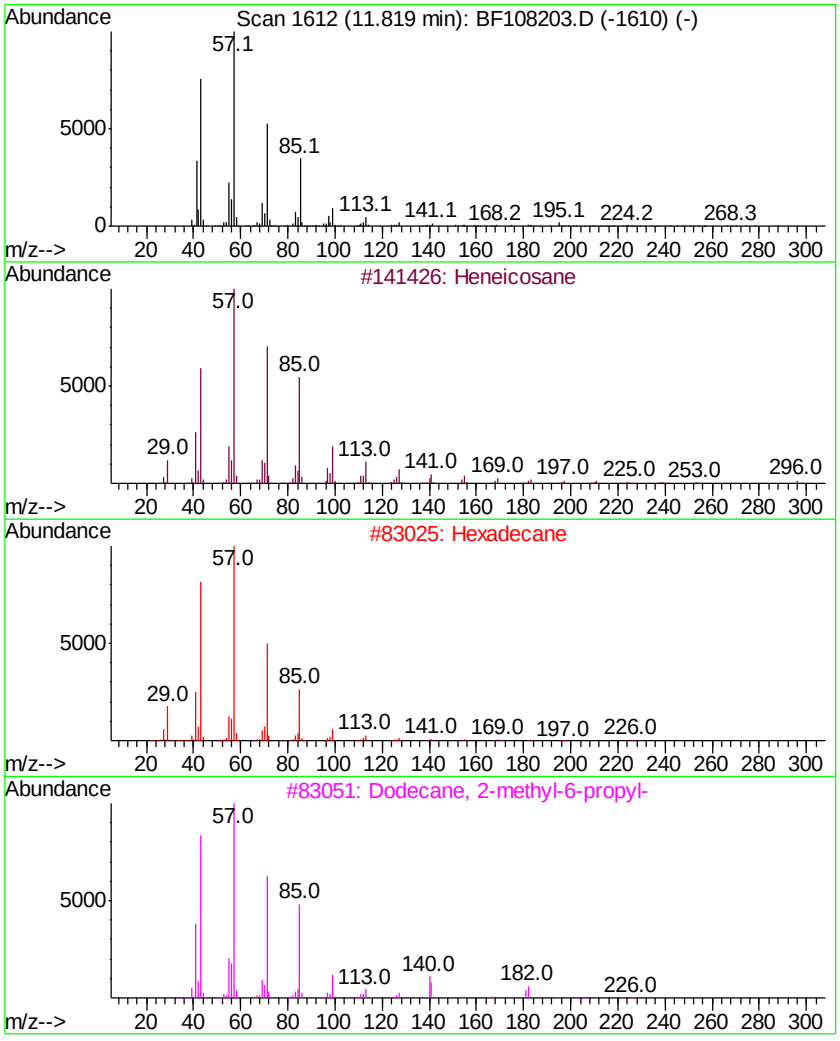
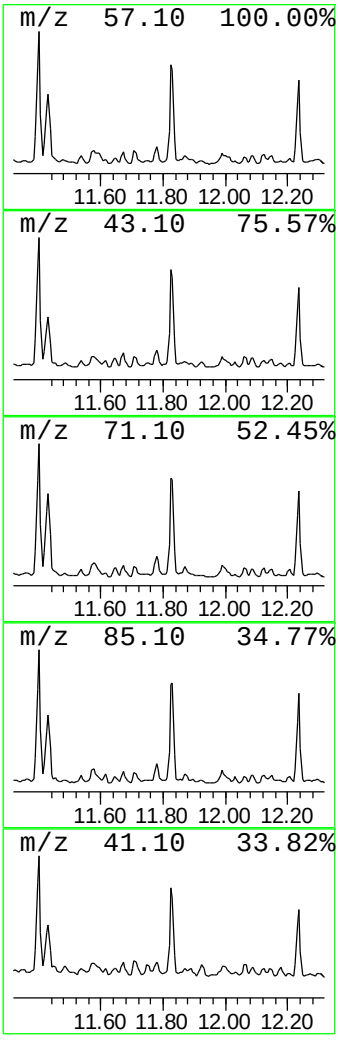
Peak Number 15 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	25.33 ng	1997330	Phenanthrene-d10	11.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	86





Library Search Compound Report

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Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
FRAC-TANK-SV28570L

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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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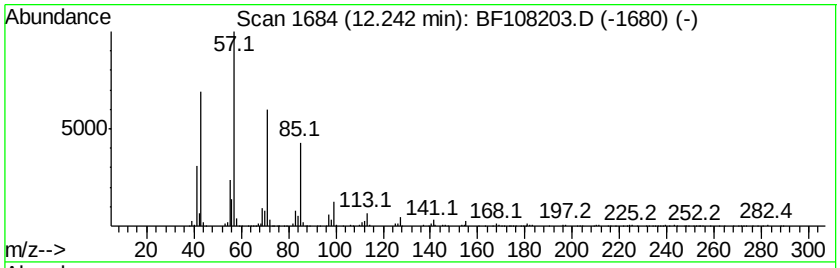
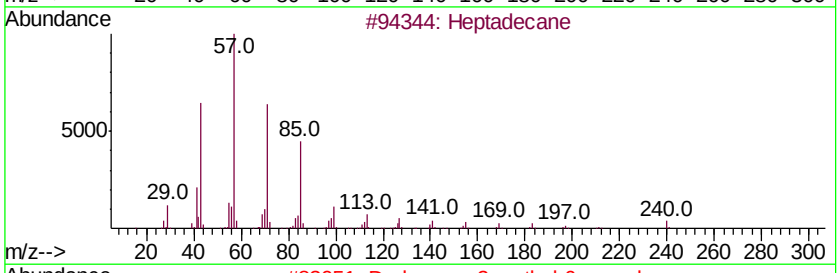
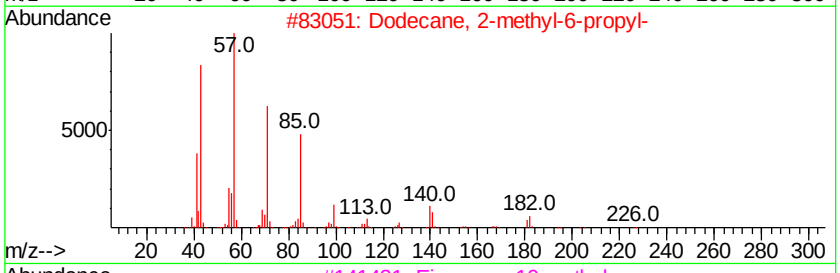
Peak Number 16 Heptadecane Concentration Rank 16

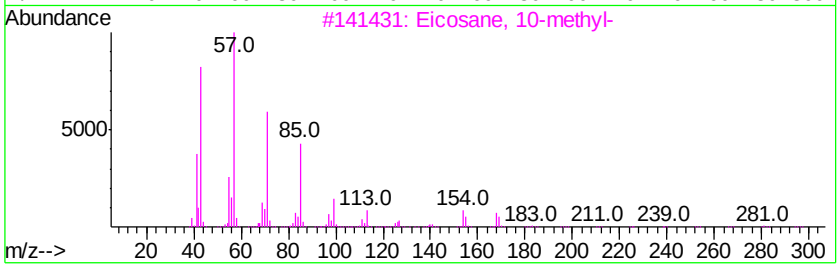
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	18.35 ng	1446930	Phenanthrene-d10	11.56

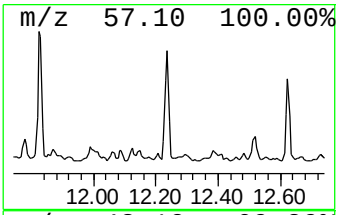
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	90

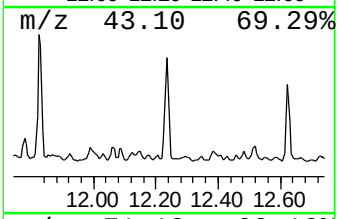


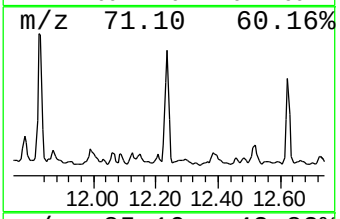


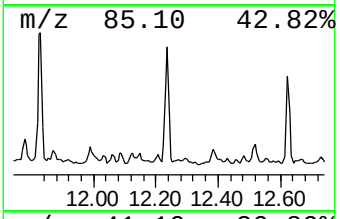


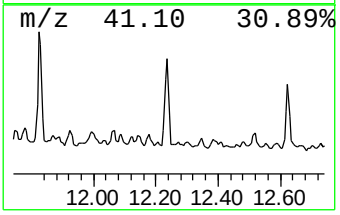












Library Search Compound Report

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Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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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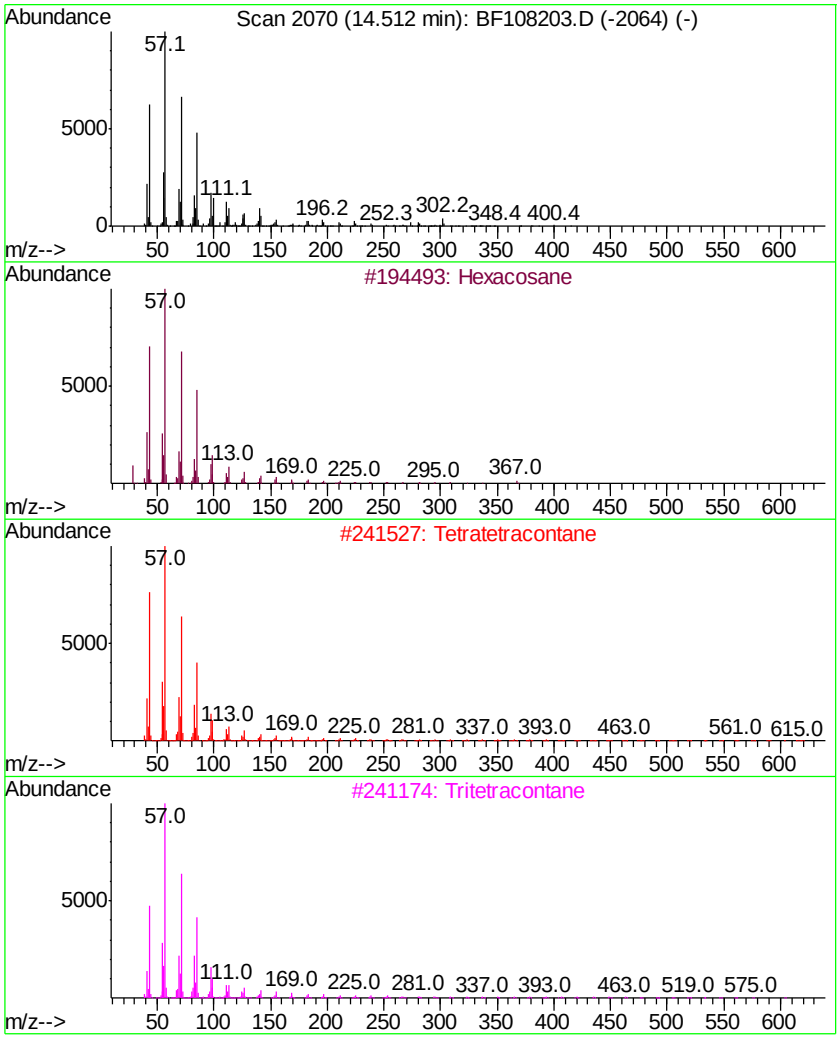
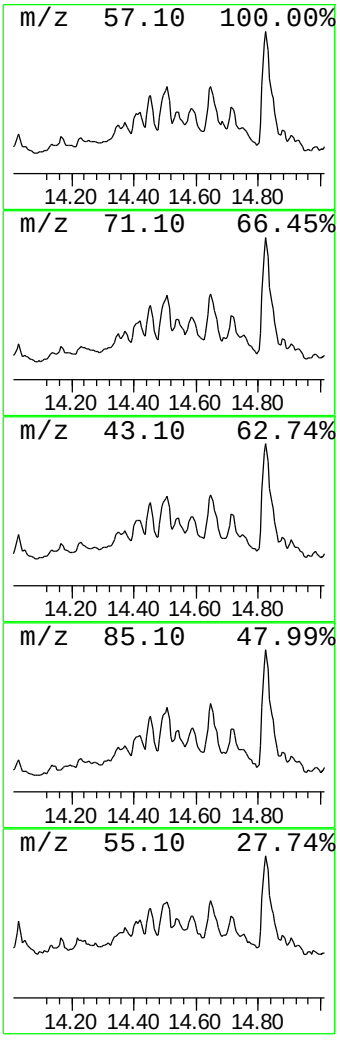
Peak Number 18 Hexacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	23.49 ng	1888190	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Tetracosane	338	C24H50	000646-31-1	81





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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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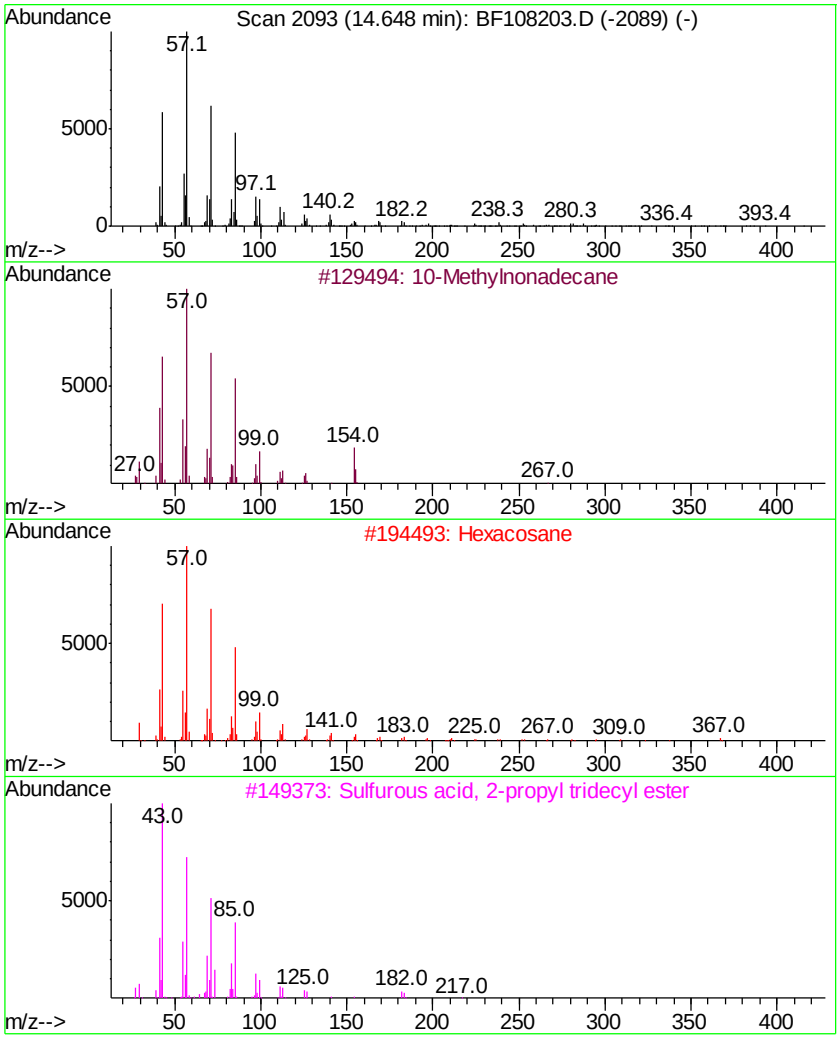
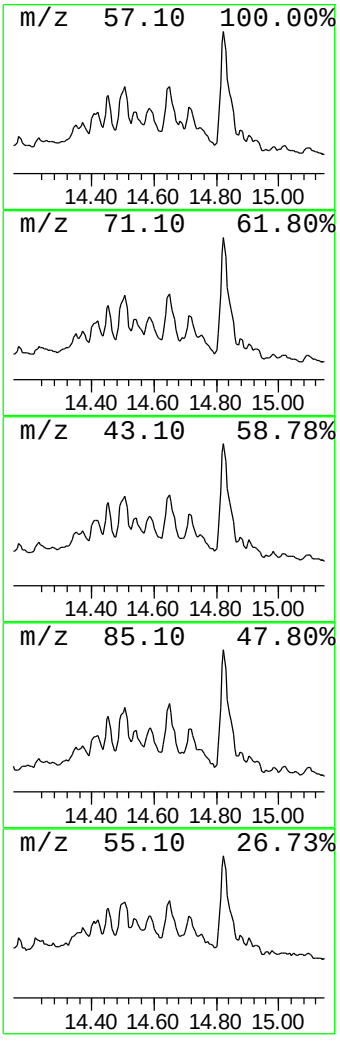
Peak Number 19 10-Methylnonadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	23.15 ng	1860430	Chrysene-d12	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	87
2	Hexacosane	366	C26H54	000630-01-3	87
3	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	86
4	Octacosane	394	C28H58	000630-02-4	83
5	Nonadecane	268	C19H40	000629-92-5	81





Tentatively Identified Compound (LSC) summary

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Data File : BF108203.D
Acq On : 16 Aug 2018 18:59
Operator : JU/SJ
Sample : J4474-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FRAC-TANK-SV28570L

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
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
Butane, 2-methoxy...	2.37	33.9	ng	2177340	1	7.01	1285350	20.0
unknown6.78	6.78	62.0	ng	3985940	1	7.01	1285350	20.0
unknown7.74	7.74	16.3	ng	1256520	2	8.30	1544320	20.0
Tridecane	8.87	25.0	ng	1929440	2	8.30	1544320	20.0
Tetradecane	9.44	43.6	ng	2643580	3	10.06	1211650	20.0
Hexadecane	9.97	49.4	ng	2991400	3	10.06	1211650	20.0
Dodecane	10.30	17.3	ng	1045540	3	10.06	1211650	20.0
Undecane, 3,5-dim...	10.70	31.7	ng	1920500	3	10.06	1211650	20.0
Octadecane	11.40	28.9	ng	2278330	4	11.56	1577210	20.0
Bacchotricuneatin c	11.43	15.0	ng	1180840	4	11.56	1577210	20.0
Heneicosane	11.82	25.3	ng	1997330	4	11.56	1577210	20.0
Heptadecane	12.24	18.4	ng	1446930	4	11.56	1577210	20.0
Hexacosane	14.51	23.5	ng	1888190	5	14.21	1607360	20.0
10-Methylnonadecane	14.65	23.1	ng	1860430	5	14.21	1607360	20.0