LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

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-BF010719.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	5.528	573	585	588	rBV	3164753	3136298	4.14%	1.162%
2	6.187	692	697	699	rVV	7117820	7133211	9.43%	2.643%
3	6.434	735	739	744	rBV2	1240865	1561022	2.06%	0.578%
4	6.534	751	756	760	rBV	3377194	3742085	4.94%	1.387%
5	6.598	764	767	770	rBV	2755674	2365001	3.13%	0.876%
6	6.669	770	779	782	rBV	3686809	4944726	6.53%	1.832%
7	6.892	814	817	818	rVV	1420523	1568933	2.07%	0.581%
8	6.910	818	820	824	rVV	1508048	1398389	1.85%	0.518%
9	6.957	824	828	830	rVV4	634784	863398	1.14%	0.320%
10	7.010	835	837	840	rVV	1710119	1754920	2.32%	0.650%
11	7.045	840	843	847	rVV	3246713	3737969	4.94%	1.385%
12	7.169	859	864	867	rVV	1522559	1767395	2.34%	0.655%
13	7.234	872	875	878	rBV2	651294	793210	1.05%	0.294%
14	7.281	878	883	887	rVV3	934504	1861623	2.46%	0.690%
15	7.322	887	890	893	rVV3	991493	1756898	2.32%	0.651%
16	7.369	896	898	902	rVV	1085590	1505992	1.99%	0.558%
17	7.422	903	907	908	rVV3	807659	1088944	1.44%	0.404%
18	7.445	908	911	914	rVV	2088685	2488193	3.29%	0.922%
19	7.487	914	918	922	rVV2	1457539	1846135	2.44%	0.684%
20	7.540	922	927	930	rVB4	1011203	1607801	2.12%	0.596%
21	7.598	930	937	939	rBV3	789555	1533251	2.03%	0.568%
22	7.675	947	950	952	rBV	973474	908459	1.20%	0.337%
23	7.922	989	992	995	rBV2	834941	1132570	1.50%	0.420%
24	8.057	1013	1015	1017	rVB	2171849	1691092	2.23%	0.627%
25	8.157	1029	1032	1033	rVV	1064733	950981	1.26%	0.352%
26	8.169	1033	1034	1037	rVV	1004063	918291	1.21%	0.340%
27	8.198	1037	1039	1041	rVV2	941472	848876	1.12%	0.315%
28	8.234	1041	1045	1048	rVB2	934415	1020903	1.35%	0.378%
29	8.563	1095	1101	1102	rBV2	916085	1448468	1.91%	0.537%
30	8.975	1161	1171	1174	rBV	6120034	12860037	16.99%	4.765%
31	9.128	1193	1197	1200	rVB	849338	1098424	1.45%	0.407%
32	9.251	1213	1218	1221	rVB	3720015	3376996	4.46%	1.251%
33	9.463	1246	1254	1261	rBV	1267913	2041101	2.70%	0.756%
34	9.651	1279	1286	1294	rVB3	559298	1096388	1.45%	0.406%

LSC Area Percent Report

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Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.928	1330	1333	1336	rBV	1182709	965883	1.28%	0.358%
36	10.151	1367	1371	1374	rBV2	828414	925730	1.22%	0.343%
37	10.716	1463	1467	1473	rVB	2103299	2093220	2.77%	0.776%
38	11.104	1527	1533	1538	rVB3	1681071	2004651	2.65%	0.743%
39	11.416	1582	1586	1588	rBV	1057886	998488	1.32%	0.370%
40	11.533	1602	1606	1612	rBV	1452733	1308204	1.73%	0.485%
41	11.704	1630	1635	1637	rBV	1708332	1864508	2.46%	0.691%
42	12.069	1672	1697	1700	rBV	14674487	75678991	100.00%	28.044%
43	12.374	1745	1749	1753	rBV	1660669	1909073	2.52%	0.707%
44	12.463	1761	1764	1768	rVB	1236388	1346312	1.78%	0.499%
45	12.580	1778	1784	1787	rBV	2028559	1887934	2.49%	0.700%
46	12.692	1793	1803	1809	rBV2	4830470	13324985	17.61%	4.938%
47	12.822	1810	1825	1831	rVV	12536675	41952762	55.44%	15.546%
48	12.880	1833	1835	1838	rVB	1028661	902333	1.19%	0.334%
49	13.004	1849	1856	1859	rBV	3466412	4030962	5.33%	1.494%
50	13.116	1871	1875	1878	rBV	1362821	1268108	1.68%	0.470%
51	13.233	1892	1895	1902	rVB	1298240	1230535	1.63%	0.456%
52	13.351	1907	1915	1918	rBV	1377041	2502015	3.31%	0.927%
53	13.392	1918	1922	1924	rVV	2167085	2249555	2.97%	0.834%
54	13.421	1924	1927	1931	rVB	1661658	2044689	2.70%	0.758%
55	13.480	1931	1937	1941	rBV2	3203072	4602057	6.08%	1.705%
56	13.574	1950	1953	1958	rBV	1924958	2301523	3.04%	0.853%
57	13.686	1969	1972	1977	rVB	893146	876407	1.16%	0.325%
58	13.904	2003	2009	2011	rBV3	1591784	2448099	3.23%	0.907%
59	13.986	2020	2023	2029	rBV	2651515	2903042	3.84%	1.076%
60	14.068	2030	2037	2041	rVV	2377733	3196969	4.22%	1.185%
61	14.127	2044	2047	2051	rVV	1281602	1347282	1.78%	0.499%
62	14.174	2051	2055	2058	rVB	2568968	2459577	3.25%	0.911%
63	14.216	2059	2062	2065	rBV	1225360	1104560	1.46%	0.409%
64	14.521	2111	2114	2117	rBV	1535944	1311895	1.73%	0.486%
65	14.557	2117	2120	2125	rVB3	588956	869976	1.15%	0.322%
66	14.616	2127	2130	2138	rVB2	911782	1314123	1.74%	0.487%
67	14.833	2163	2167	2170	rVB	1253467	1248994	1.65%	0.463%
68	15.174	2222	2225	2236	rVB	931250	1205033	1.59%	0.447%
69	15.551	2284	2289	2295	rBV2	802711	1477319	1.95%	0.547%
70	16.292	2408	2415	2419	rBV	1333931	2098262	2.77%	0.778%
71	18.368	2762	2768	2778	rVB3	296916	757479	1.00%	0.281%

LSC Area Percent Report

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Sample : K1036-16
Misc :
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Instrument :
BNA_F
ClientSampleId :
13-R

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-BF010719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 269859515

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
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Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
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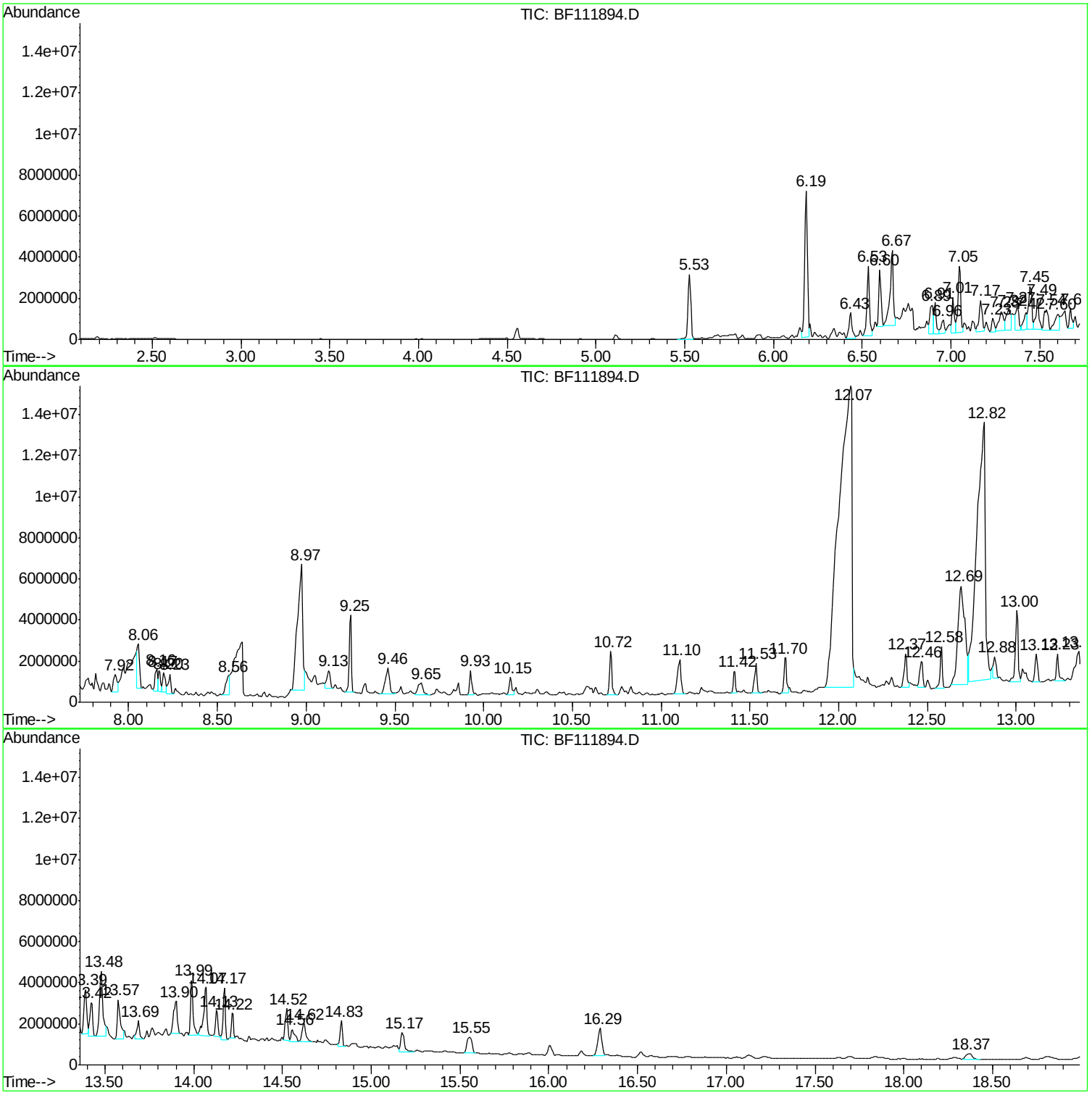
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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\BF010719\
Data File : BF111894.D
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Operator : JU/SJ
Sample : K1036-16
Misc :
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Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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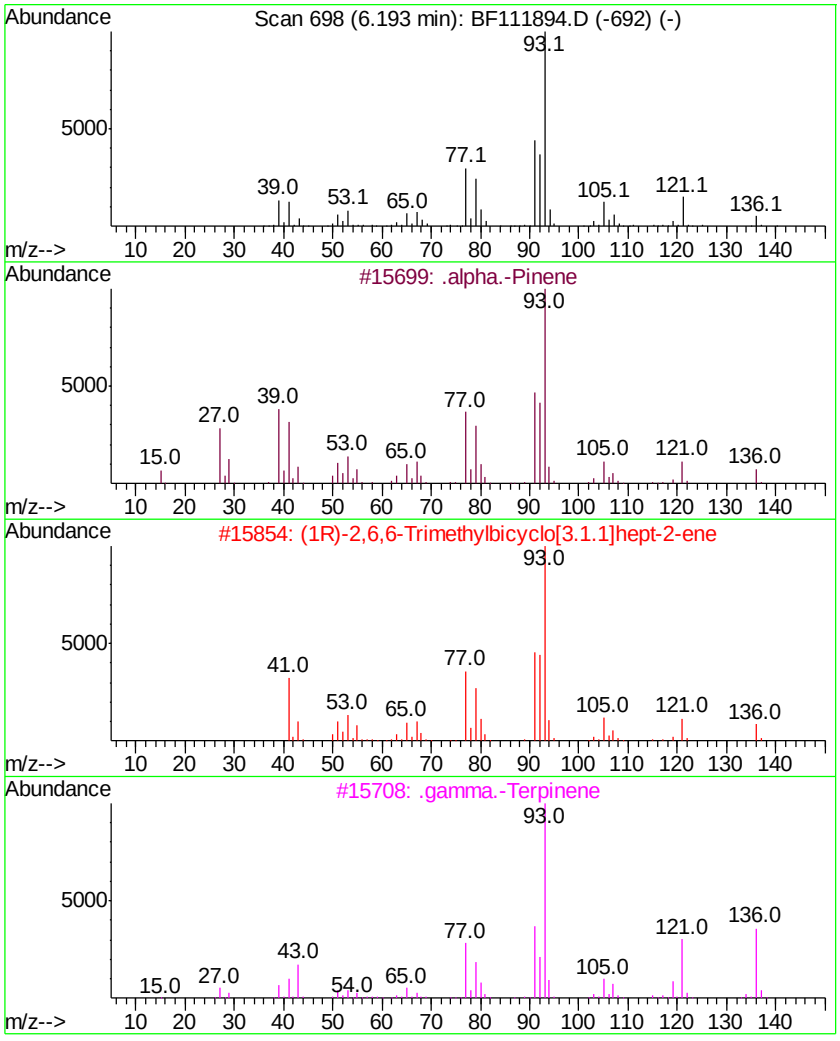
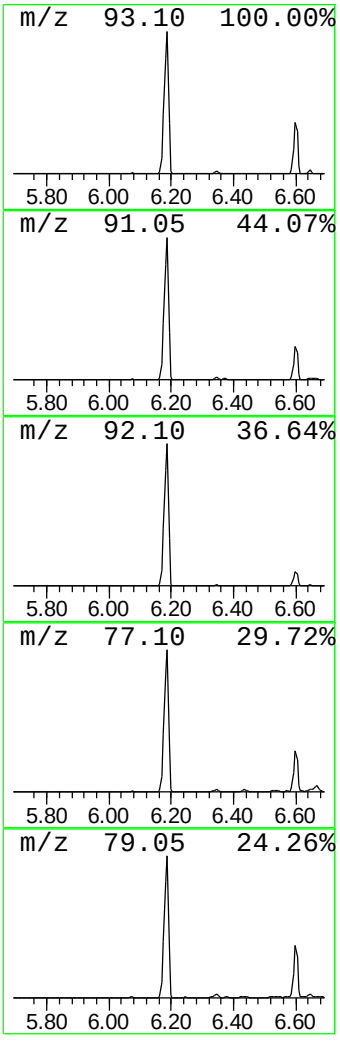
Peak Number 1 .alpha.-Pinene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	90.93 ng	7133210	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.gamma.-Terpinene	136	C10H16	000099-85-4	91
4	(+)-3-Carene	136	C10H16	000498-15-7	91
5	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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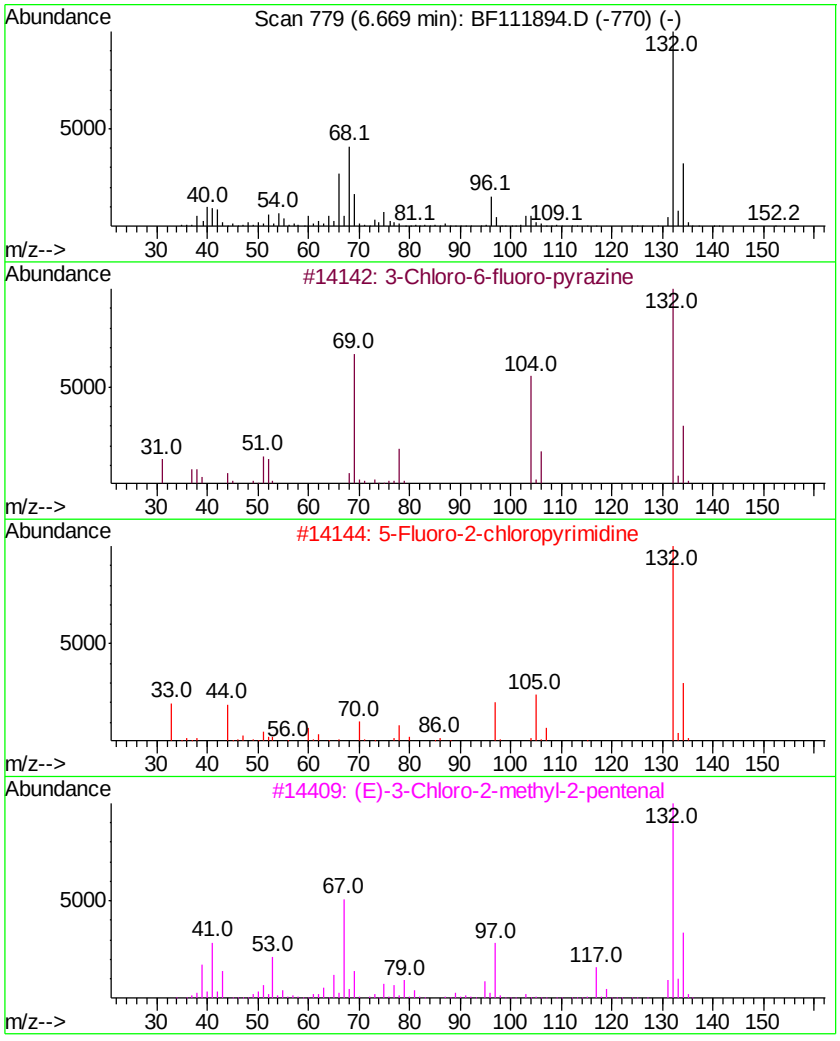
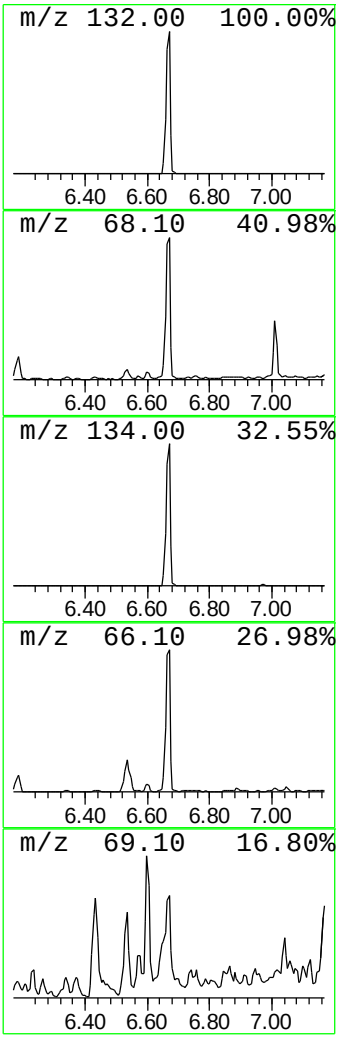
Peak Number 2 unknown6.67 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	63.03 ng	4944730	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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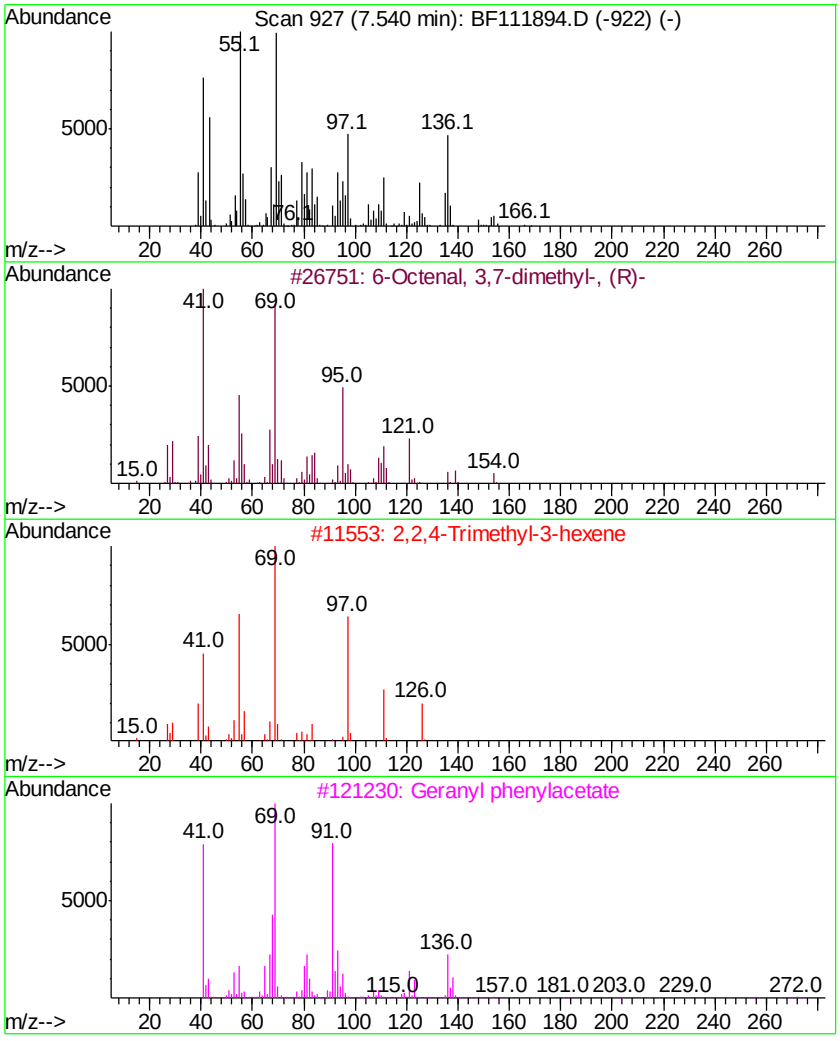
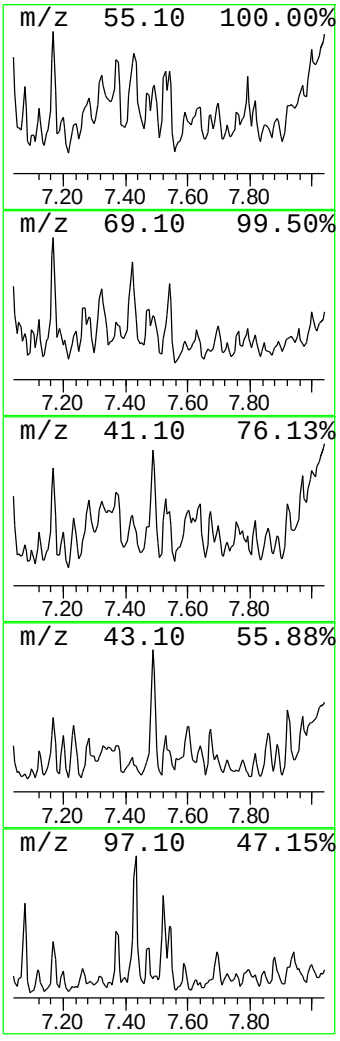
Peak Number 4 unknown7.54 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.54	35.02 ng	1607800	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	38
2	2,2,4-Trimethyl-3-hexene	126	C9H18	059643-72-0	38
3	Geranyl phenylacetate	272	C18H24O2	000102-22-7	38
4	Neryl phenylacetate	272	C18H24O2	1000109-59-4	38
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	35





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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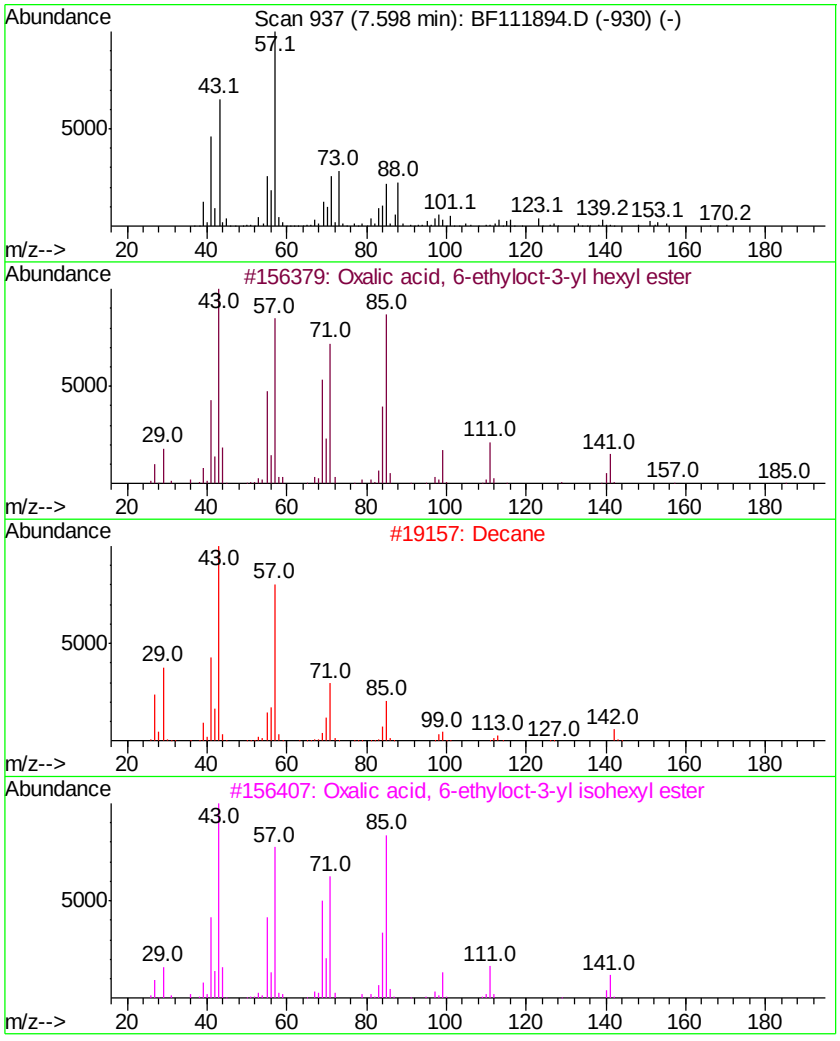
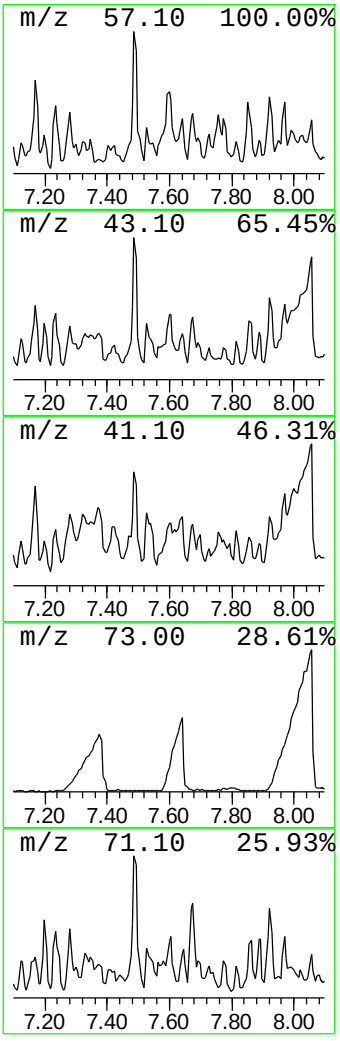
Peak Number 5 unknown7.60 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	33.39 ng	1533250	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	38
2	Decane	142	C10H22	000124-18-5	38
3	Oxalic acid, 6-ethyloct-3-yl iso...	314	C18H34O4	1000309-34-3	35
4	Tetradecane, 2,5-dimethyl-	226	C16H34	056292-69-4	35
5	Undecane	156	C11H24	001120-21-4	35





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Sample : K1036-16
Misc :
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Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

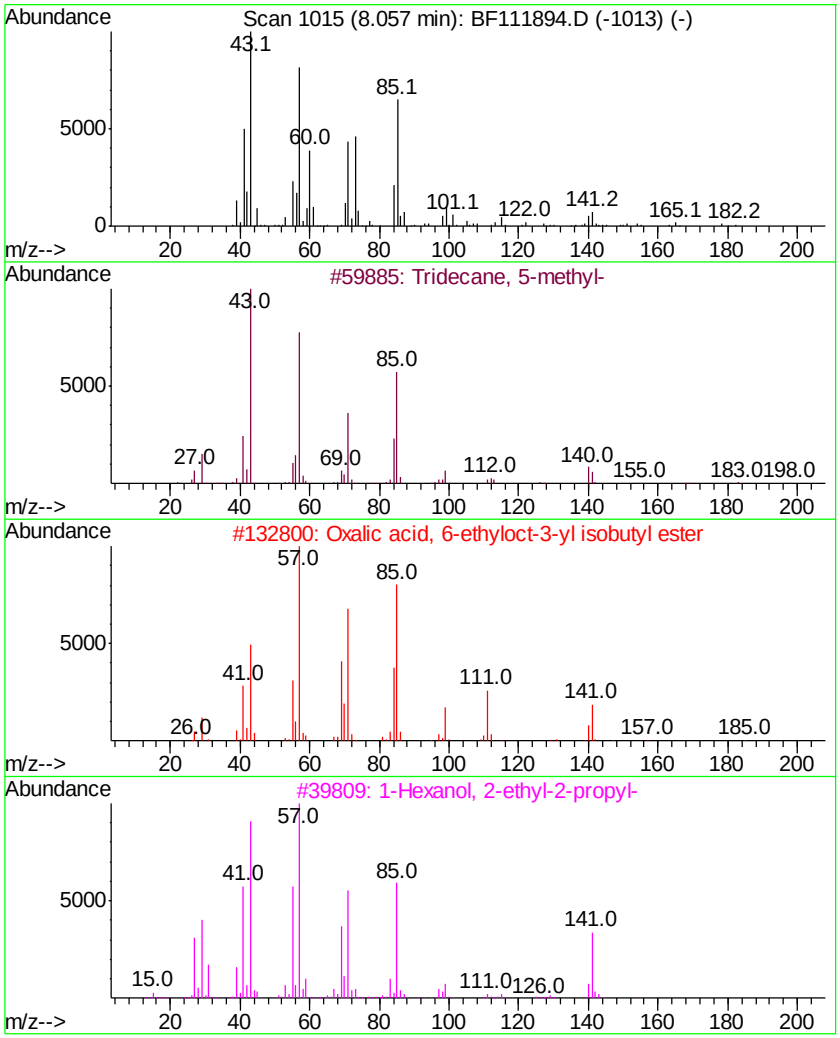
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

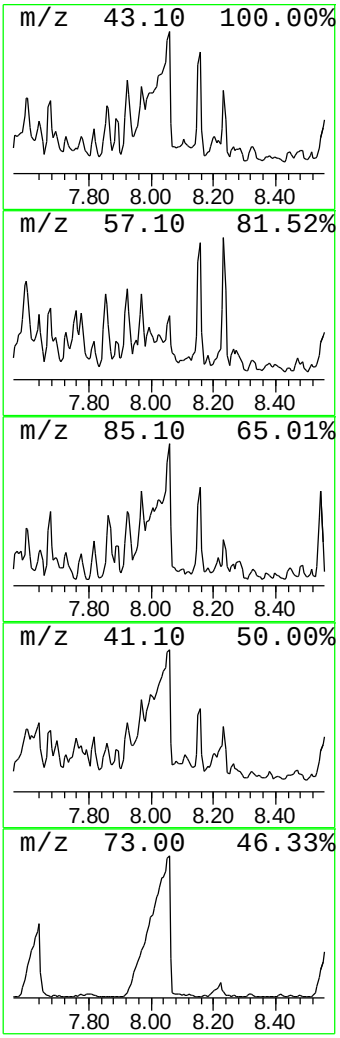
****

Peak Number 6 Tridecane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	36.83 ng	1691090	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-methyl-	198	C14H30	025117-31-1	50
2	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	50
3	1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	47
4	Oxalic acid, 6-ethyloct-3-yl hex...	314	C18H34O4	1000309-34-4	47
5	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	43





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

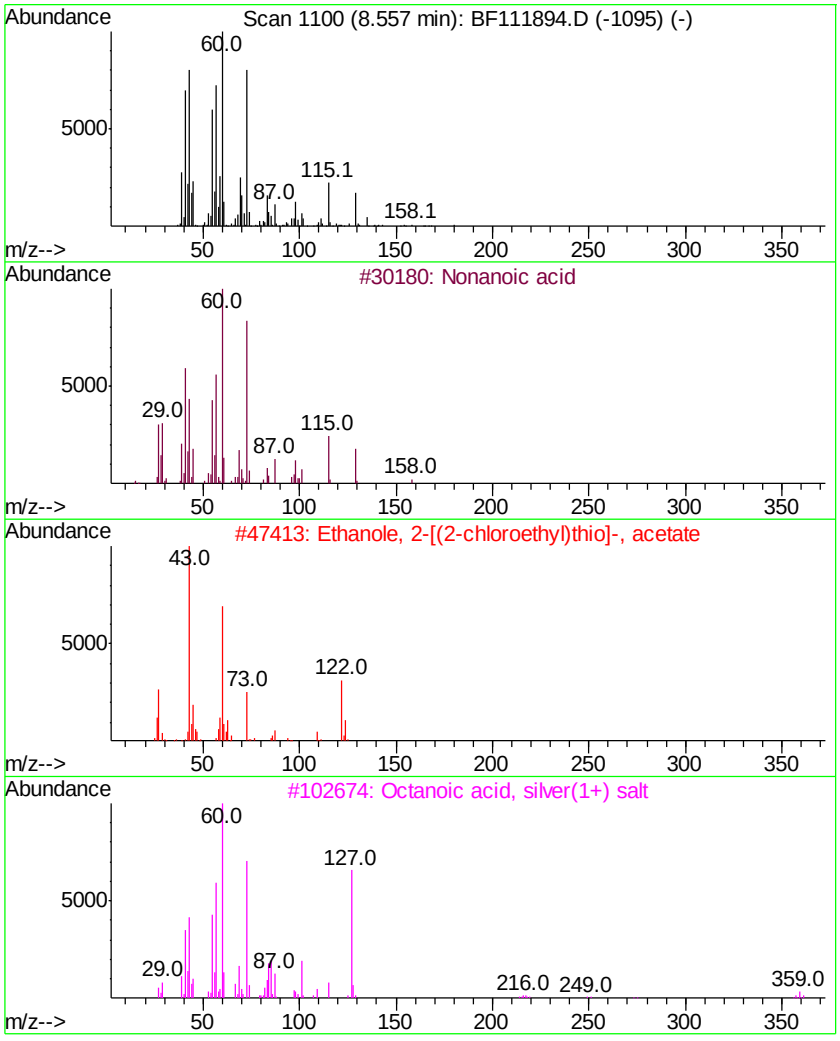
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

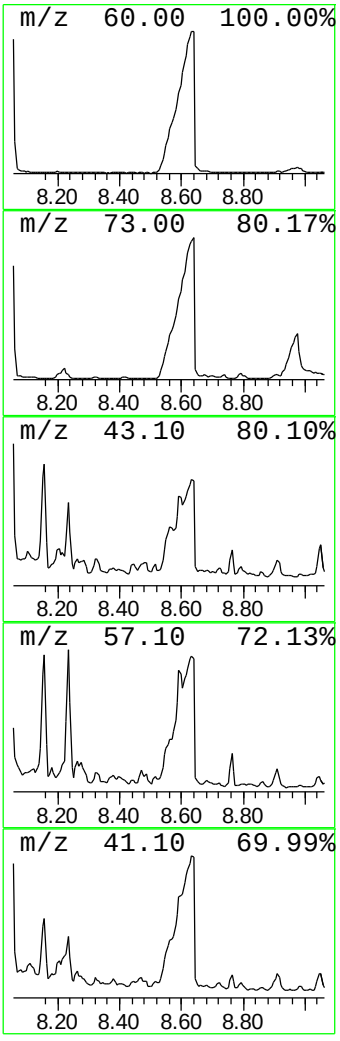
****

Peak Number 7 Nonanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	31.55 ng	1448470	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	64
2	Ethanole, 2-[(2-chloroethyl)thio...	182	C6H11ClO2S	006321-47-7	59
3	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

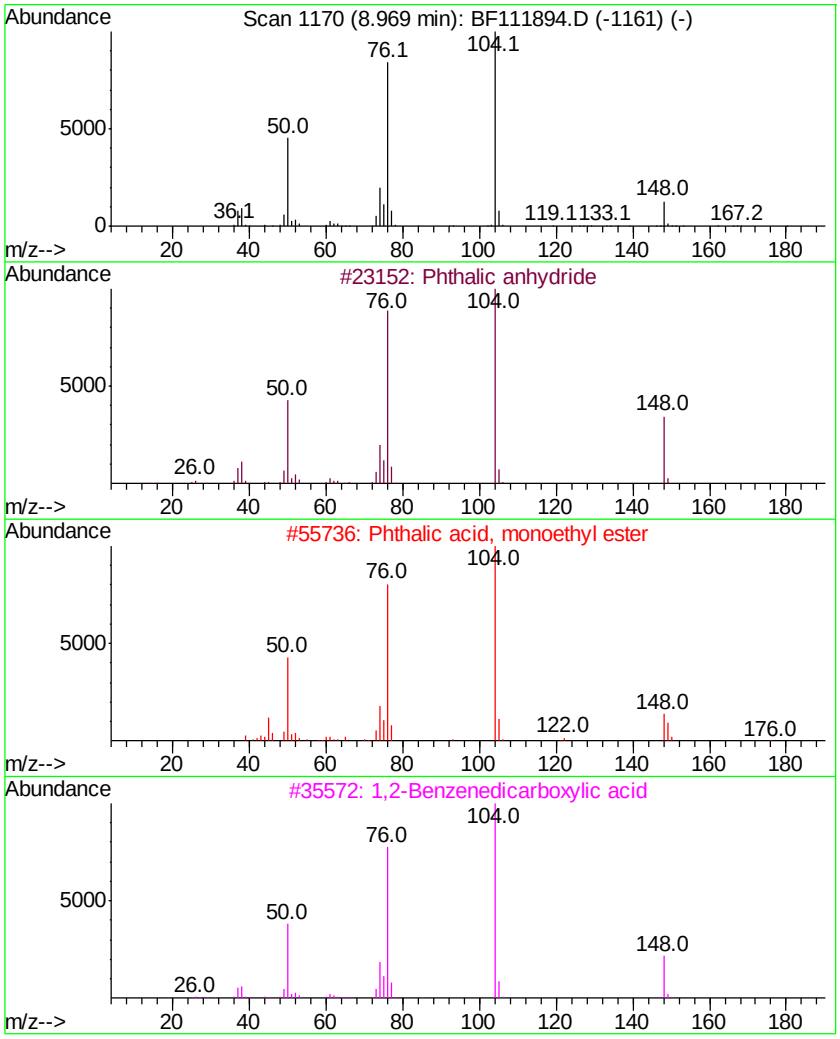
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

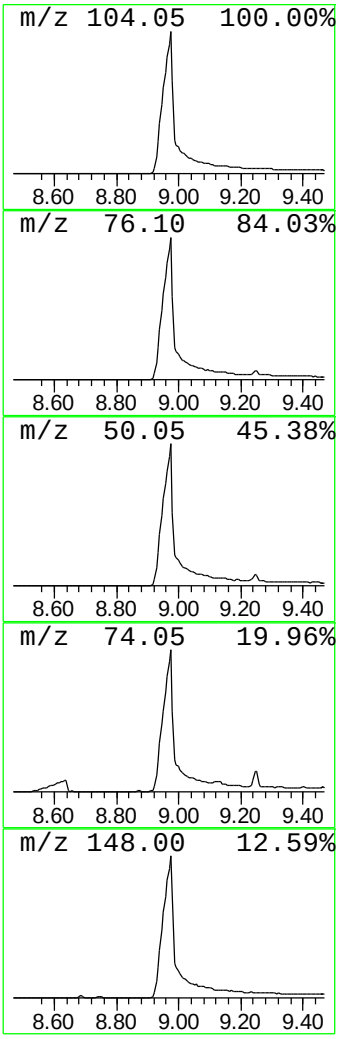
****

Peak Number 8 Phthalic anhydride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	280.09 ng	12860000	Naphthalene-d8	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	96
2	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90
3	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
4	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	86
5	Methyl hydrogen phthalate	180	C9H8O4	004376-18-5	74





Library Search Compound Report

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Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

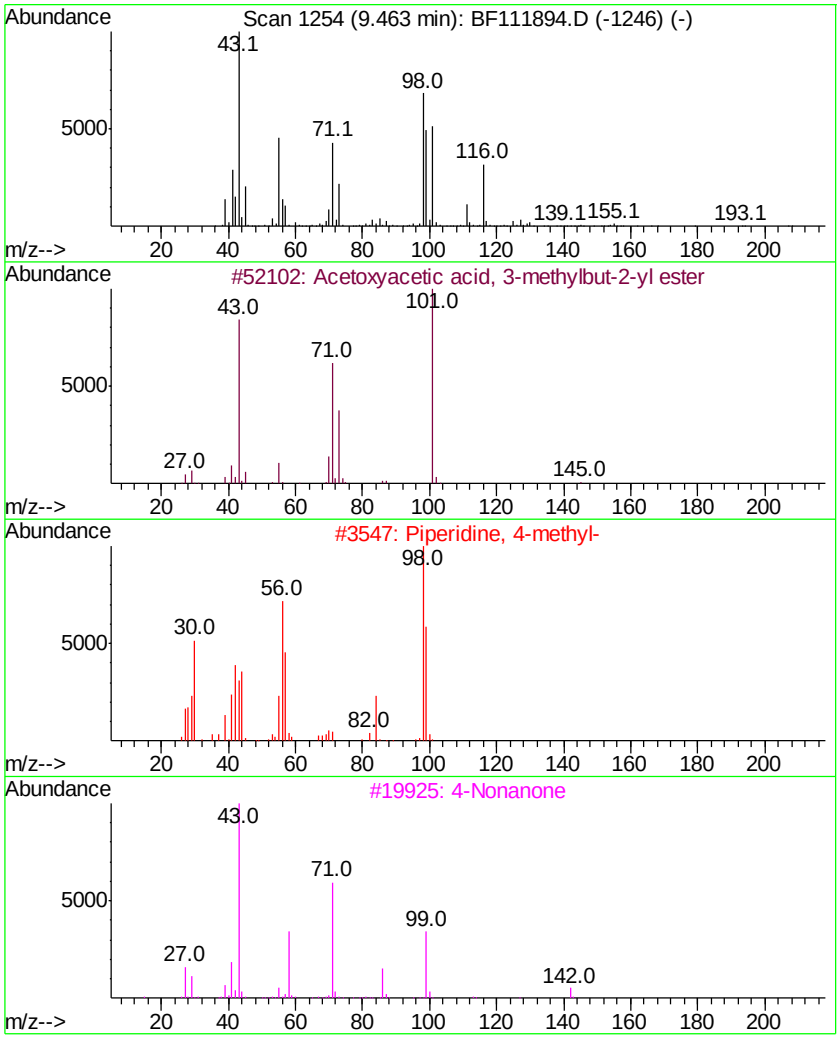
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

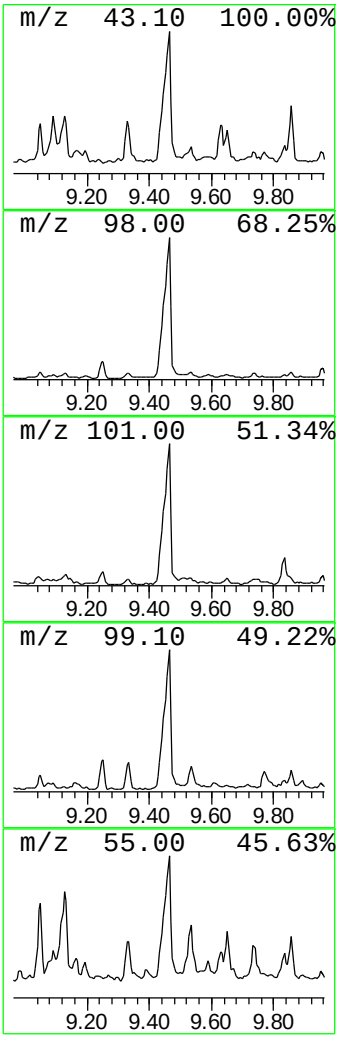
****

Peak Number 9 unknown9.46 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	42.26 ng	2041100	Acenaphthene-d10	9.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoxyacetic acid, 3-methylbut-...	188	C9H16O4	1000355-69-8	27
2	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	22
3	4-Nonanone	142	C9H18O	004485-09-0	22
4	n-Caproic acid vinyl ester	142	C8H14O2	003050-69-9	22
5	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	22





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Sample : K1036-16
Misc :
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Instrument : BNA_F
ClientSampleId : 13-R

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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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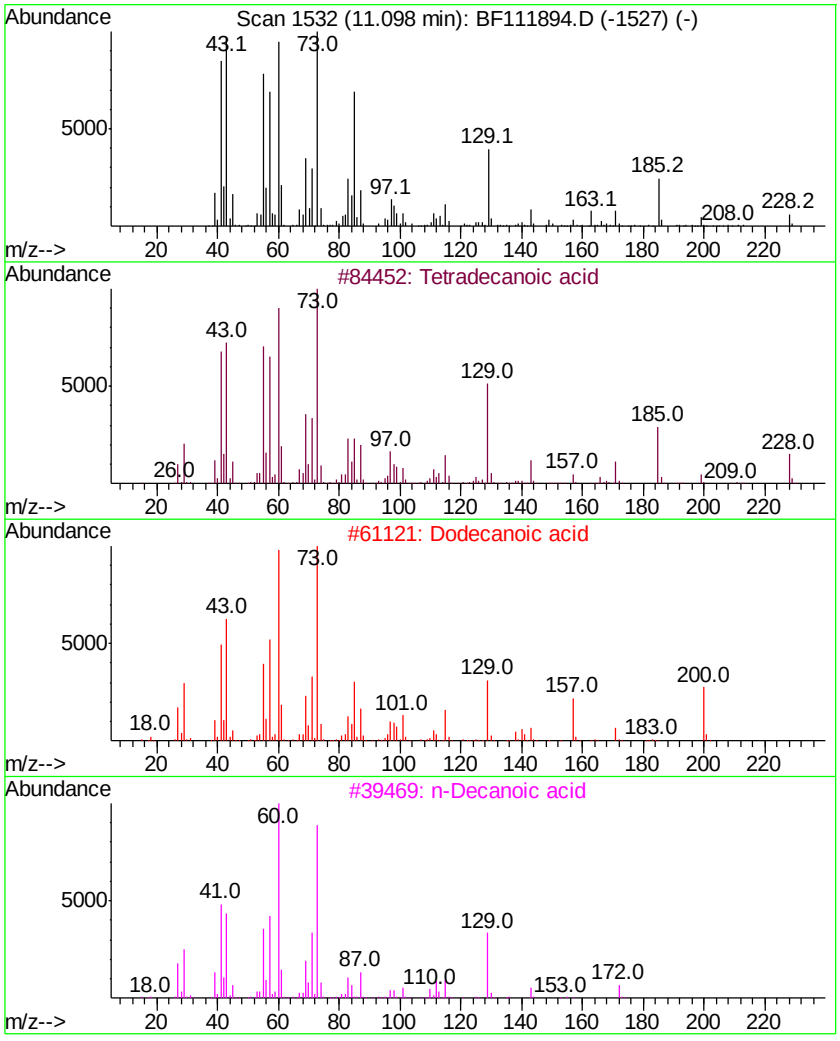
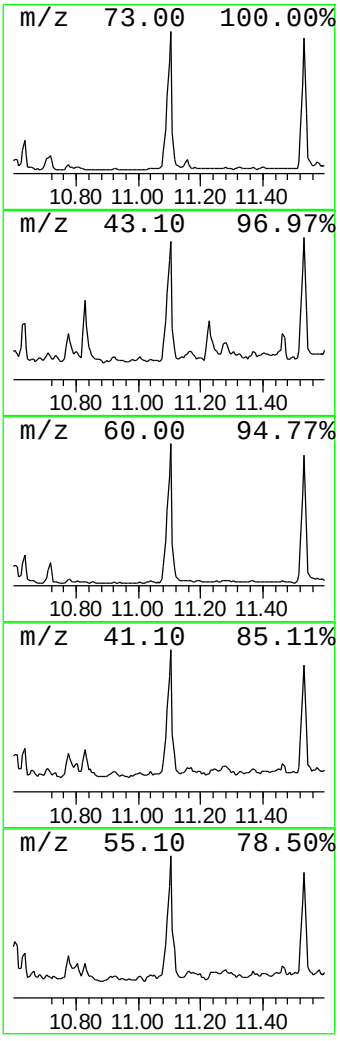
Peak Number 10 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	40.15 ng	2004650	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	n-Decanoic acid	172	C10H20O2	000334-48-5	47
4	Undecanoic acid	186	C11H22O2	000112-37-8	38
5	3-Oxobutan-2-yl 2-methylbutanoate	172	C9H16O3	1000372-70-6	27





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Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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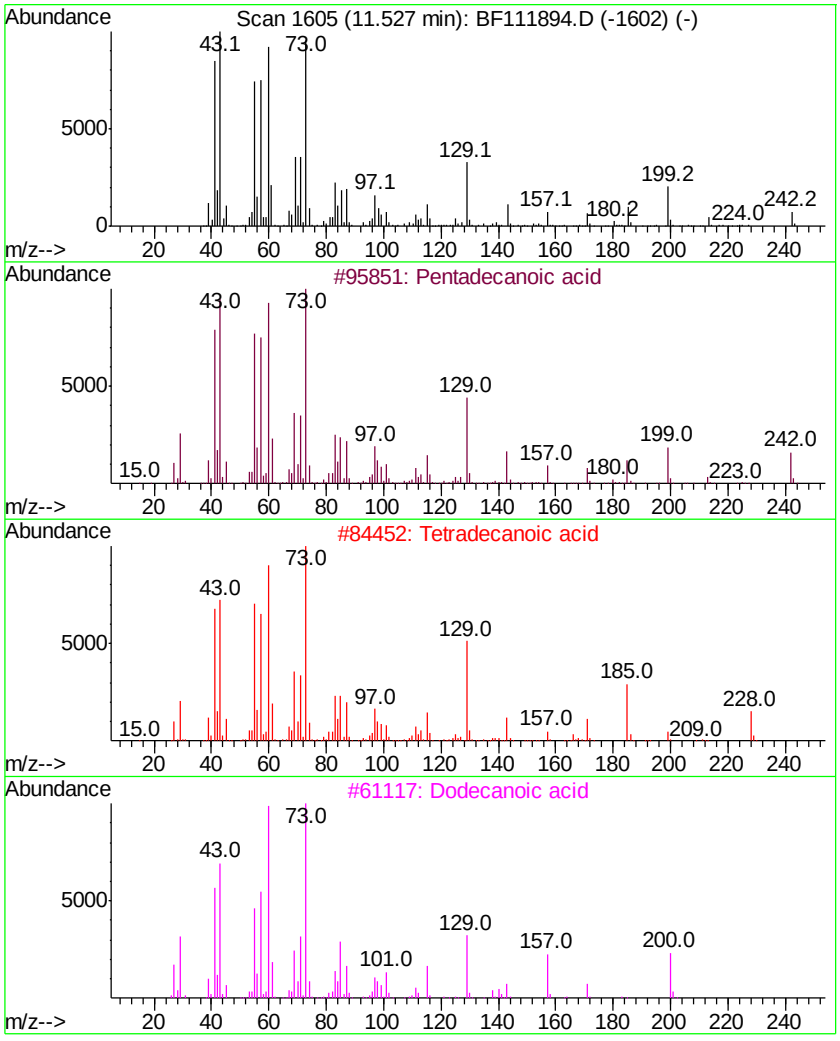
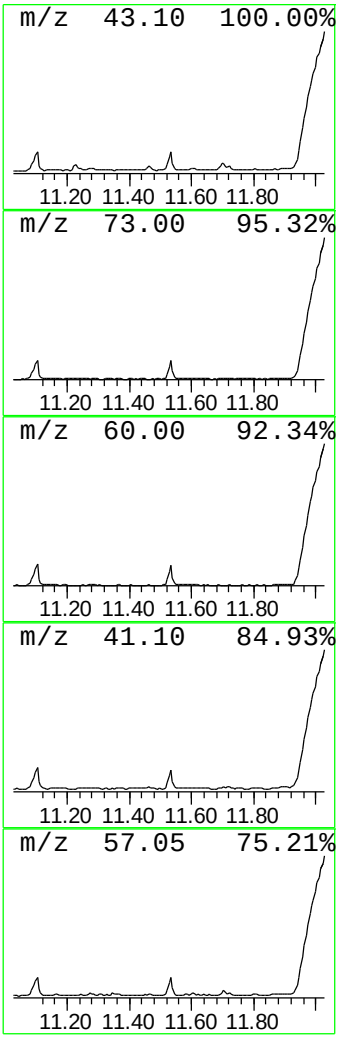
Peak Number 11 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	26.20 ng	1308200	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

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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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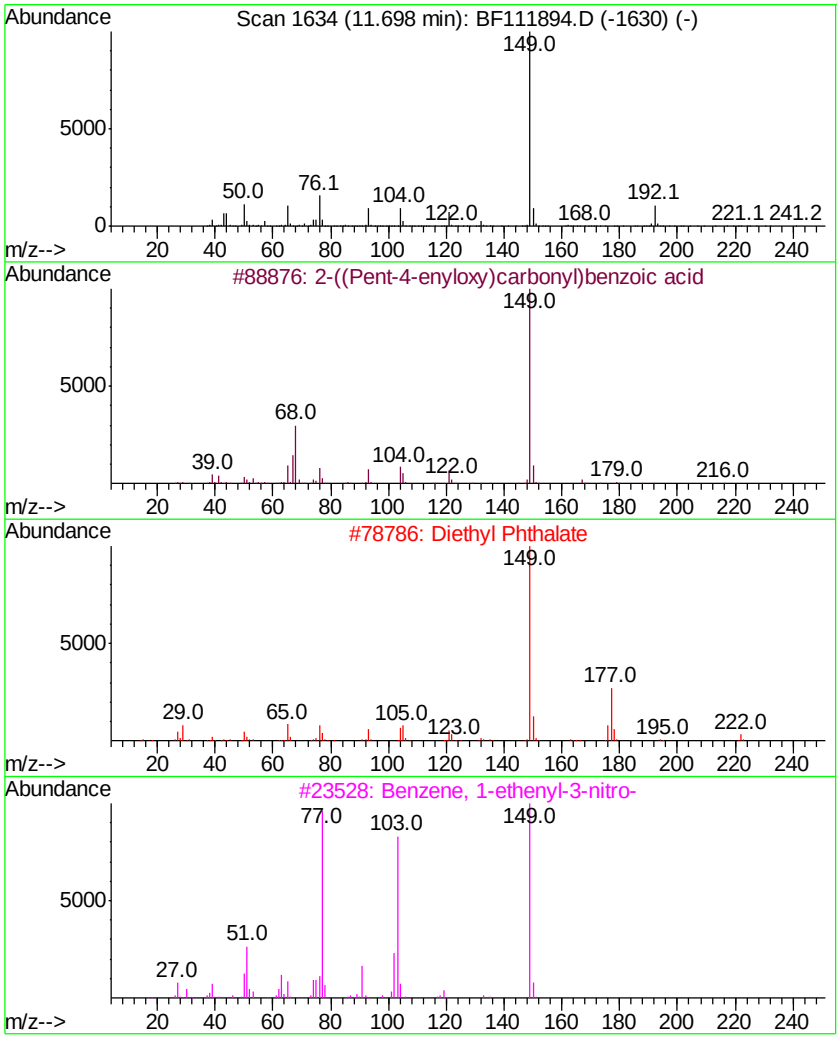
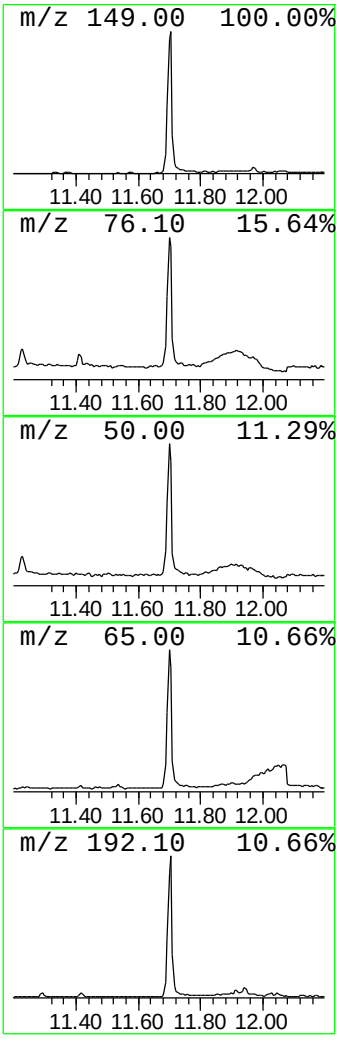
Peak Number 12 2-((Pent-4-enyloxy)carbonyl... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	37.35 ng	1864510	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((Pent-4-enyloxy)carbonyl)benz...	234	C13H14O4	1000373-67-8	64
2	Diethyl Phthalate	222	C12H14O4	000084-66-2	59
3	Benzene, 1-ethenyl-3-nitro-	149	C8H7NO2	000586-39-0	50
4	Phthalic acid, 2-ethoxyethyl eth...	266	C14H18O5	1000322-86-9	50
5	2-((But-3-enyloxy)carbonyl)benzo...	220	C12H12O4	1000373-53-4	50





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Acq On : 7 Jan 2019 23:20
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Sample : K1036-16
Misc :
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Instrument : BNA_F
ClientSampleId : 13-R

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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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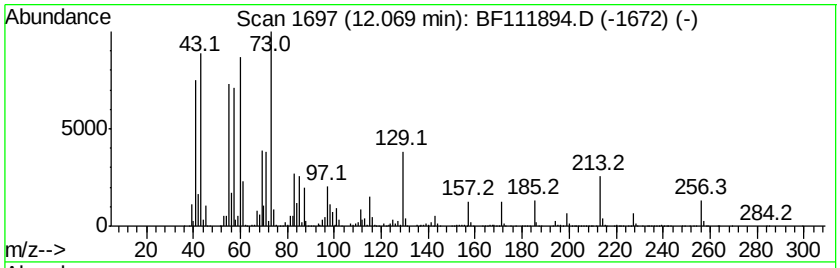
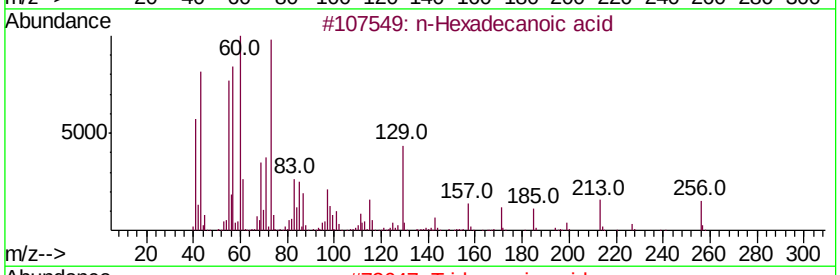
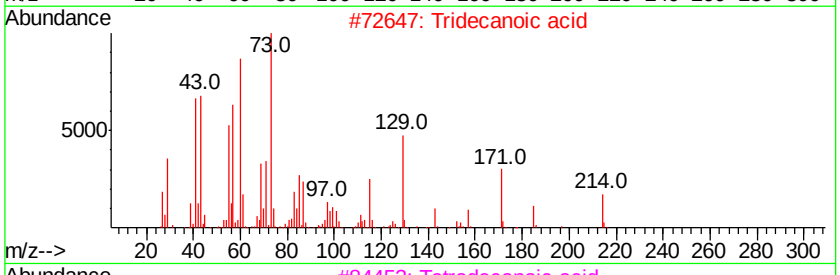
Peak Number 13 n-Hexadecanoic acid Concentration Rank 1

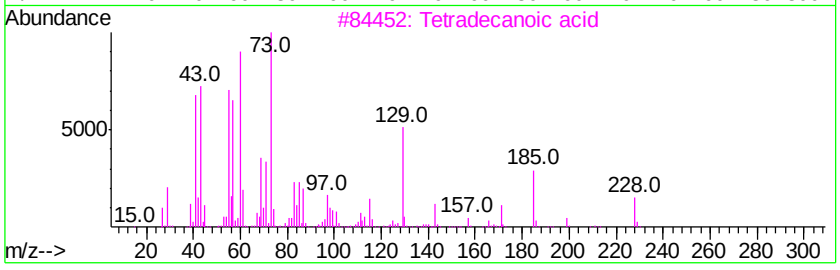
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	1515.87 ng	75679000	Phenanthrene-d10	11.42

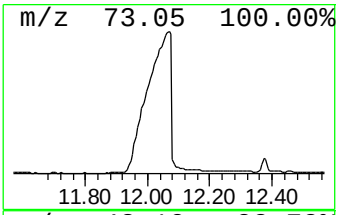
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	n-Decanoic acid	172	C10H20O2	000334-48-5	68

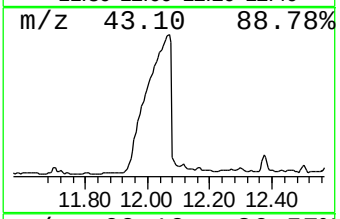


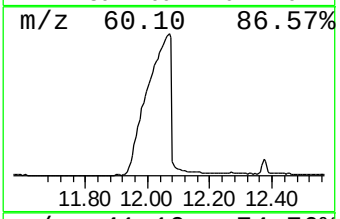


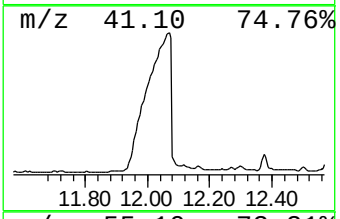


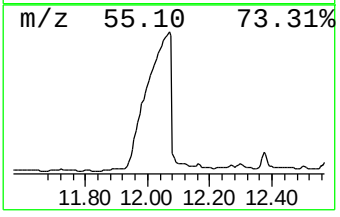












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Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

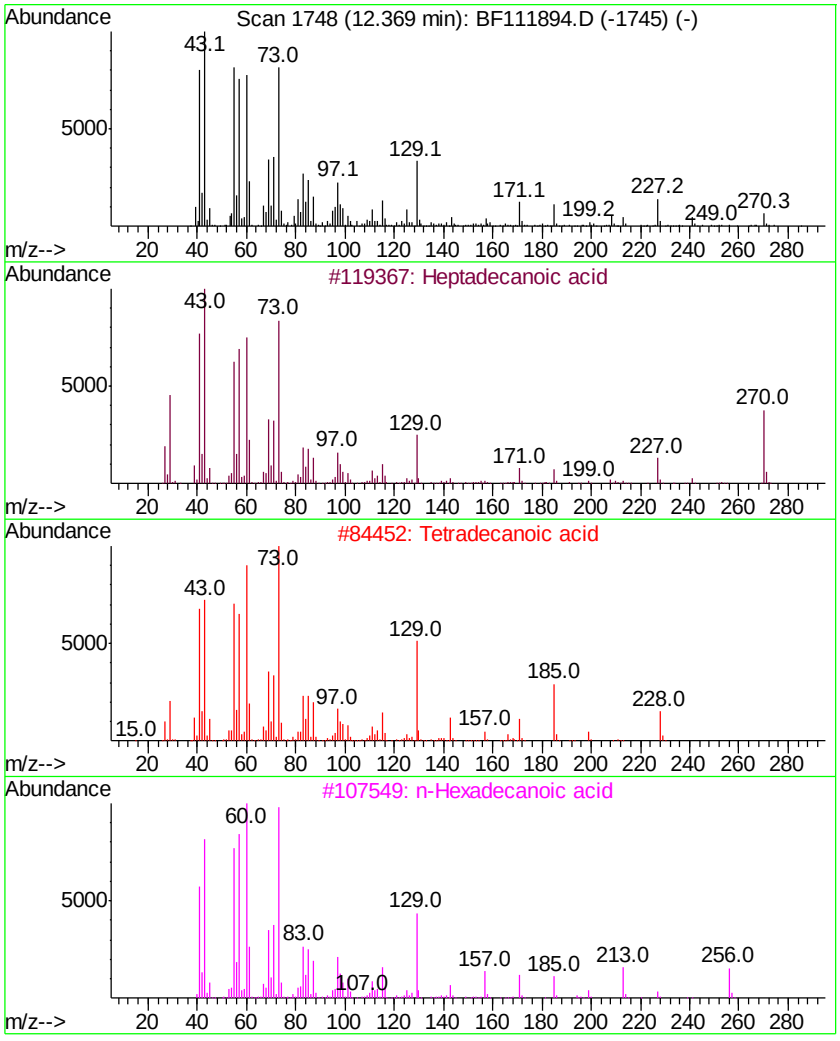
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

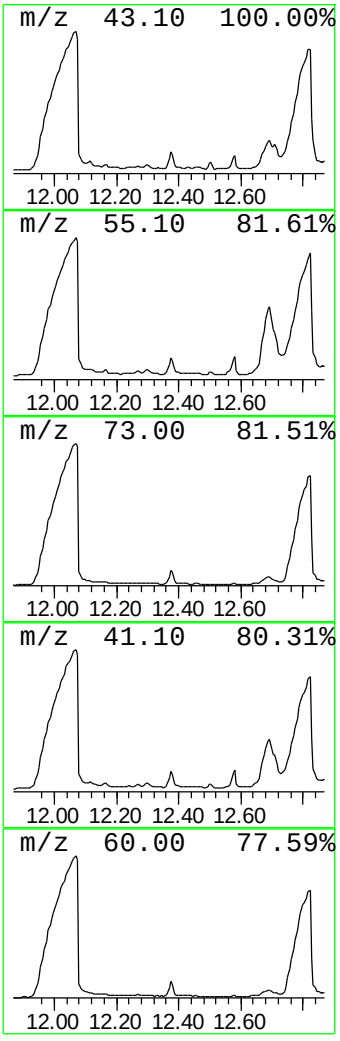
****

Peak Number 14 Heptadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	38.24 ng	1909070	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Isopropyl myristate	270	C17H34O2	000110-27-0	83
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Misc :
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Instrument : BNA_F
ClientSampleId : 13-R

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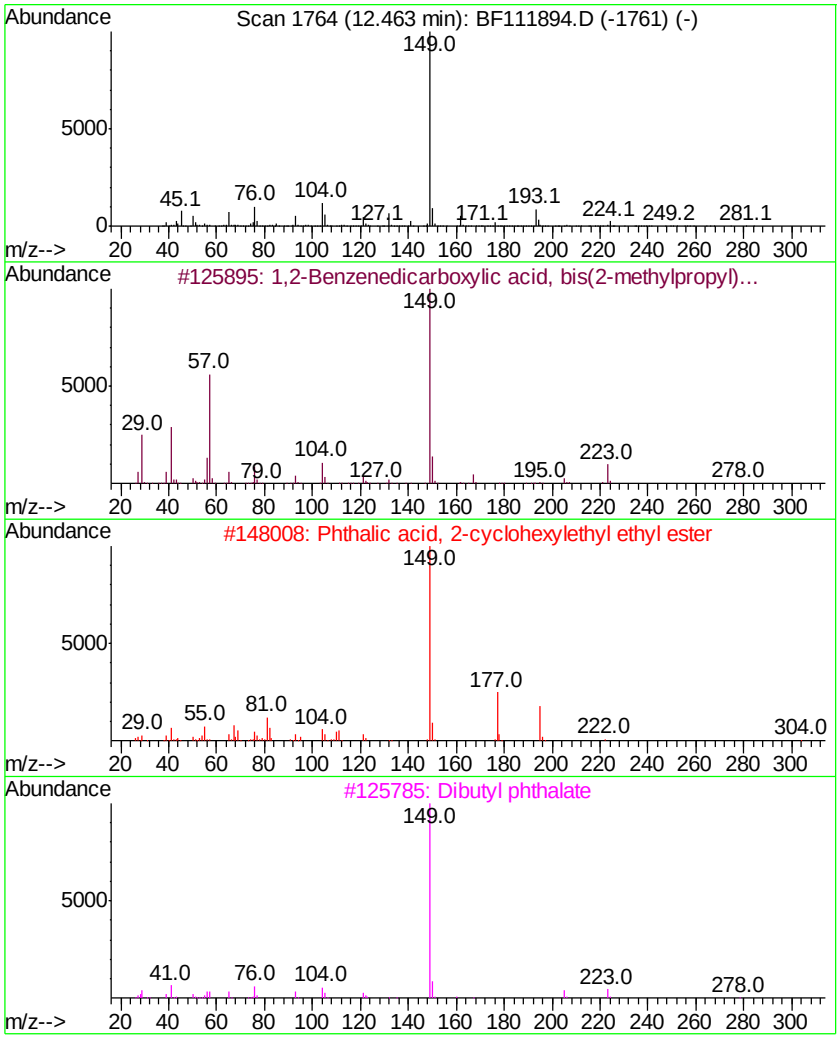
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

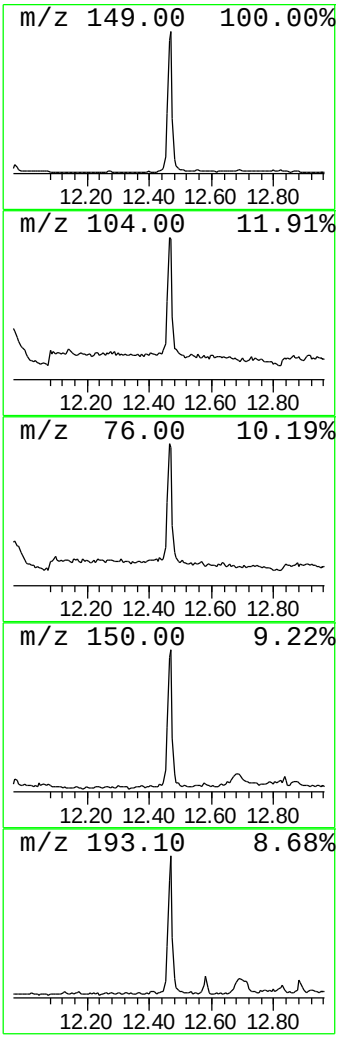
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	26.97 ng	1346310	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	72
2	Phthalic acid, 2-cyclohexylethyl...	304	C18H24O4	1000309-05-4	64
3	Dibutyl phthalate	278	C16H22O4	000084-74-2	64
4	2-((Pentan-2-yloxy)carbonyl)benz...	236	C13H16O4	1000373-62-7	64
5	Phthalic acid, butyl 2-methoxyet...	280	C15H20O5	1000315-80-0	64





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ClientSampleId : 13-R

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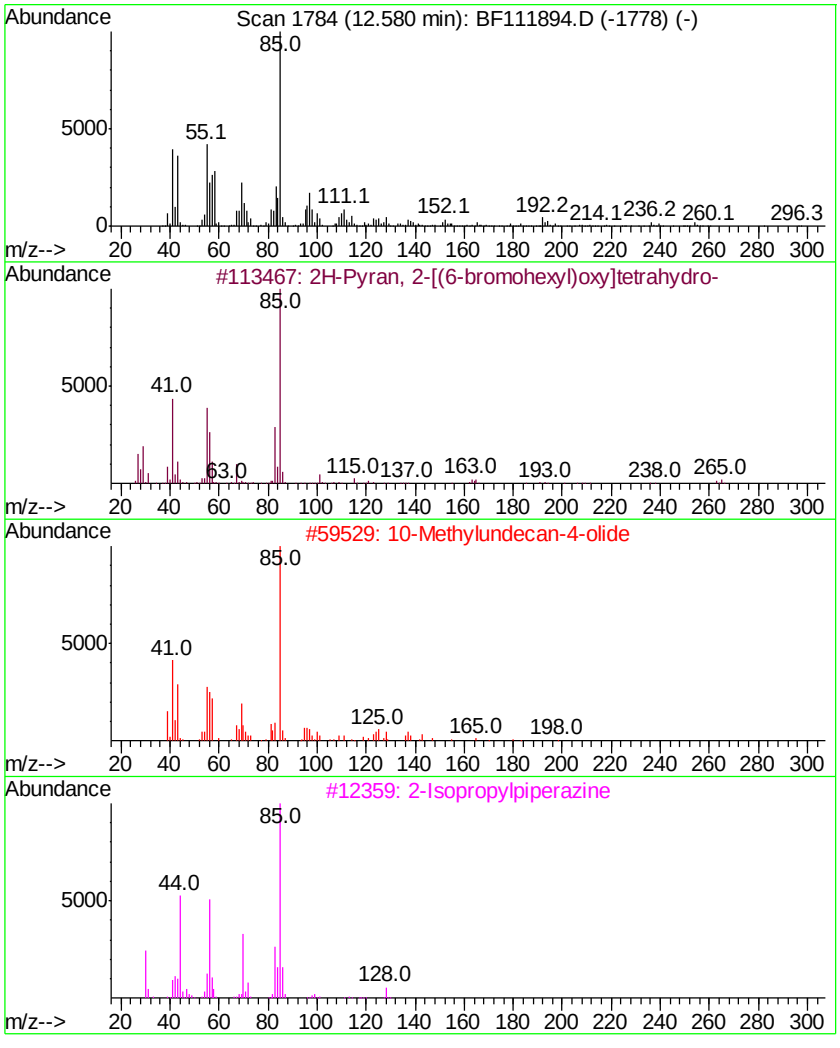
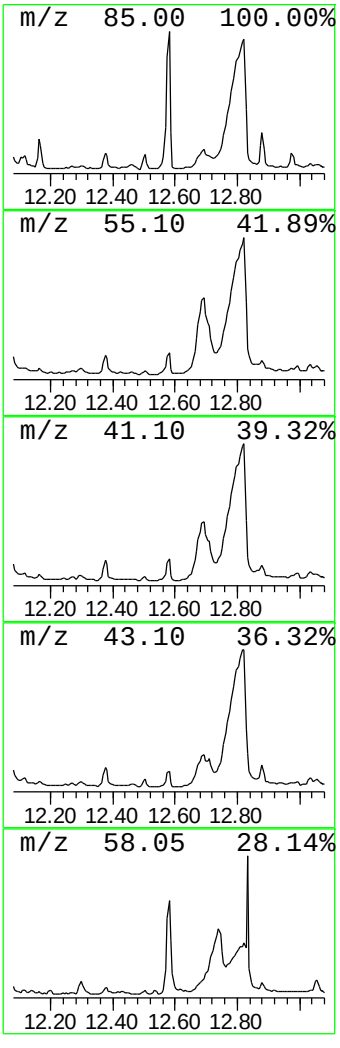
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 2H-Pyran, 2-[(6-bromohexyl)... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	37.82 ng	1887930	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-[(6-bromohexyl)oxy]t...	264	C11H21BrO2	053963-10-3	50
2	10-Methylundecan-4-olide	198	C12H22O2	1000370-40-5	50
3	2-Isopropylpiperazine	128	C7H16N2	084468-53-1	47
4	1-Propoxypropan-2-yl pentanoate	202	C11H22O3	1000367-12-7	43
5	2(3H)-Furanone, 5-heptyldihydro-	184	C11H20O2	000104-67-6	43





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

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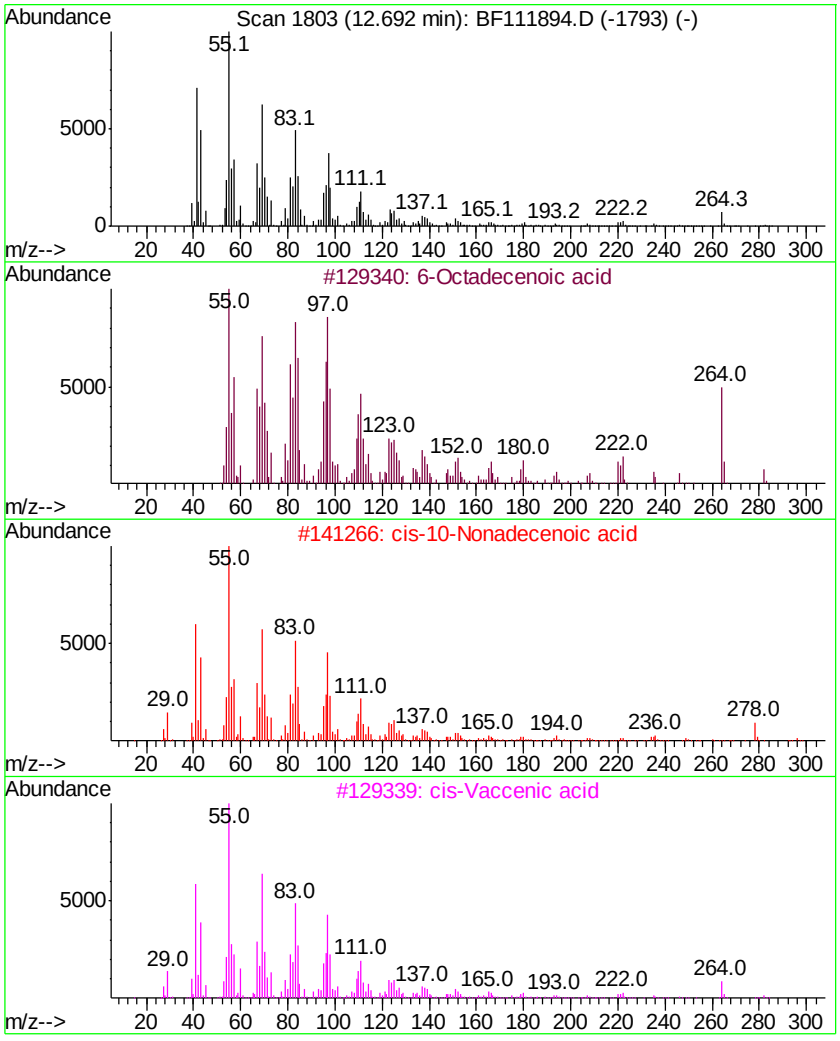
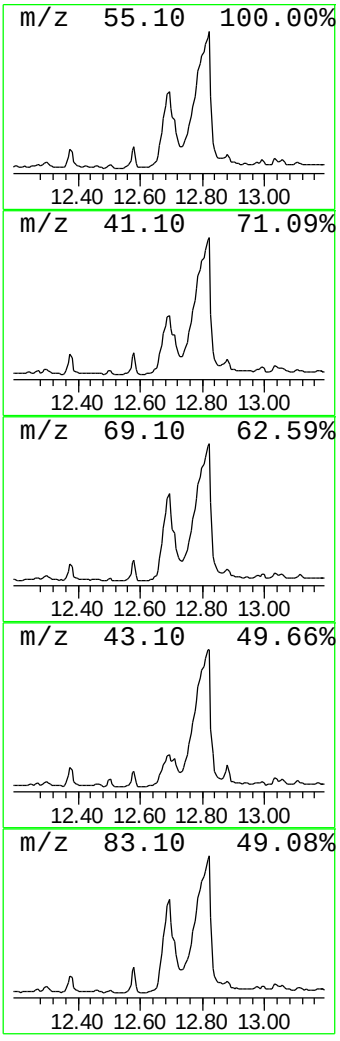
Peak Number 17 6-Octadecenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	266.90 ng	13325000	Phenanthrene-d10	11.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Octadecenoic acid	282	C18H34O2	1000336-66-8	98
2	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	95
3	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94
4	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	91
5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	91





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TIC Integration Parameters: LSCINT.P

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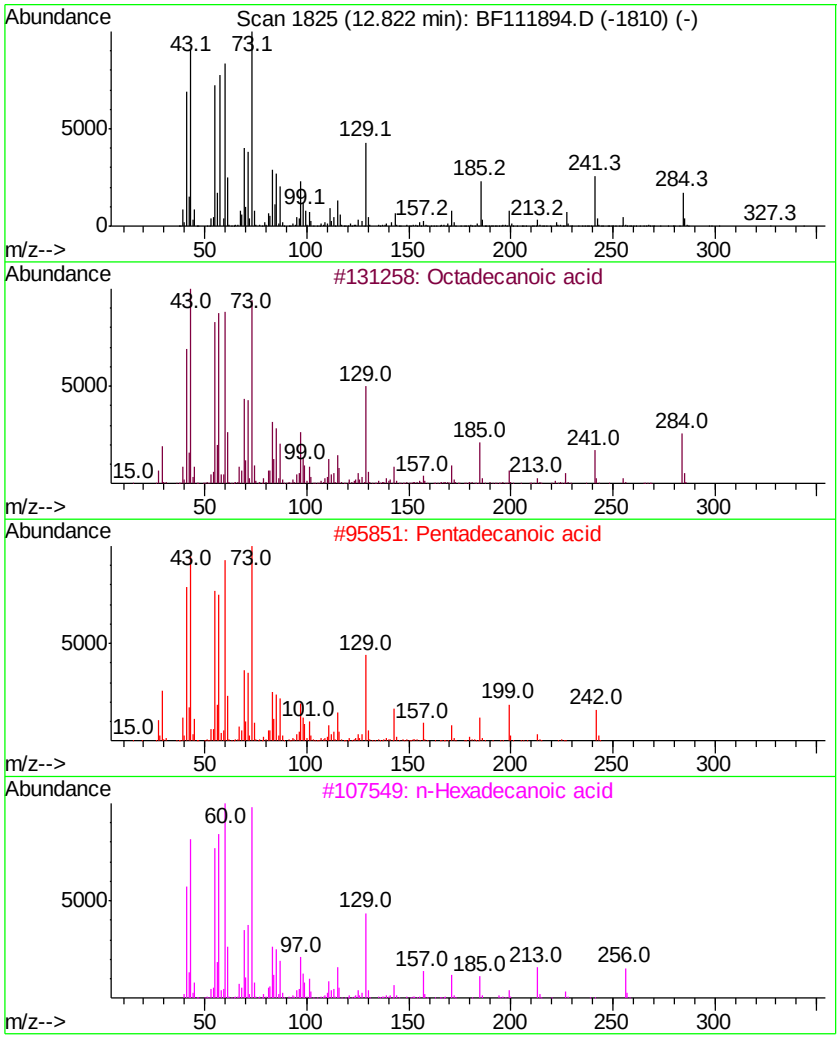
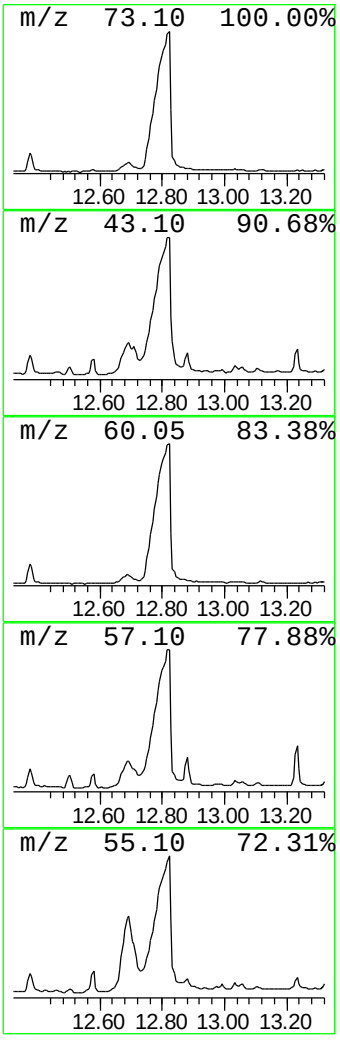
Peak Number 18 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	262.45 ng	41952800	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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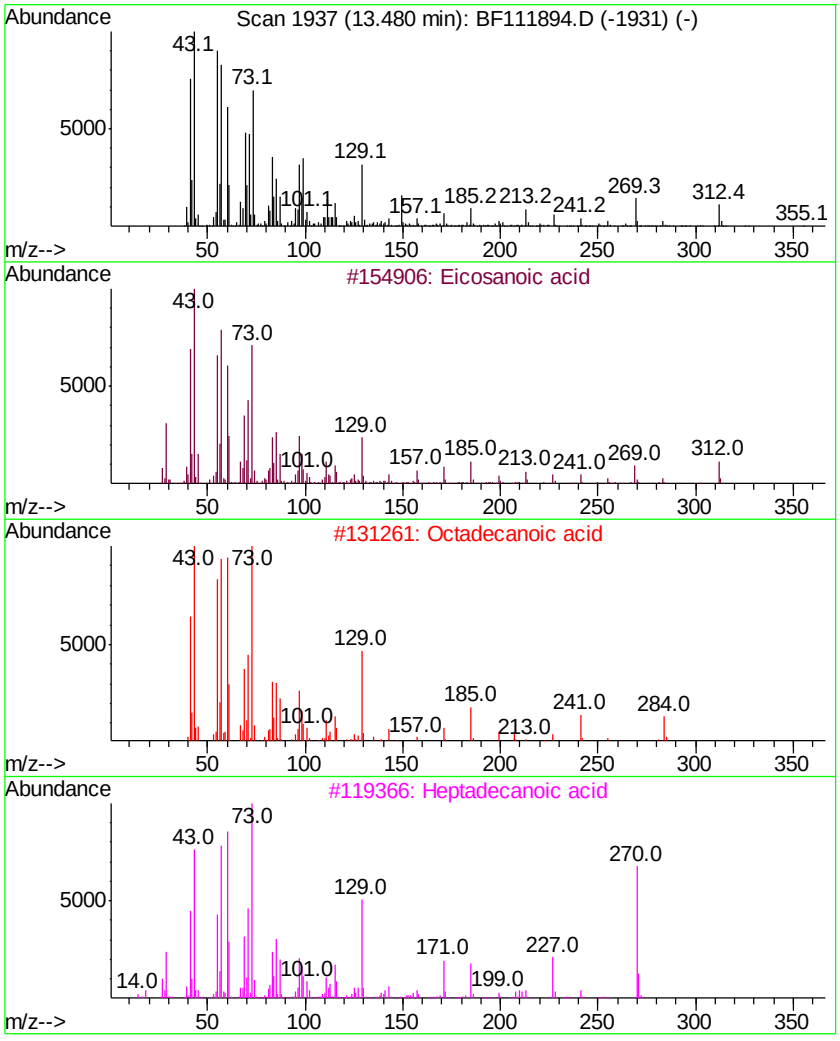
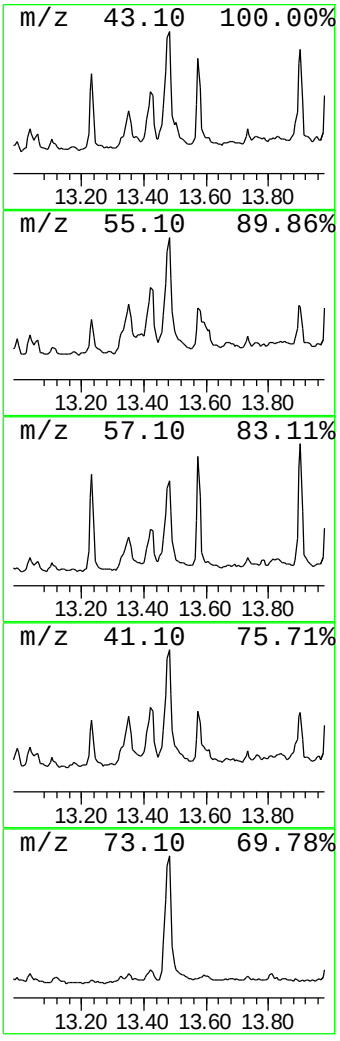
Peak Number 19 Eicosanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	28.79 ng	4602060	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid	312	C20H40O2	000506-30-9	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	89
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49
5	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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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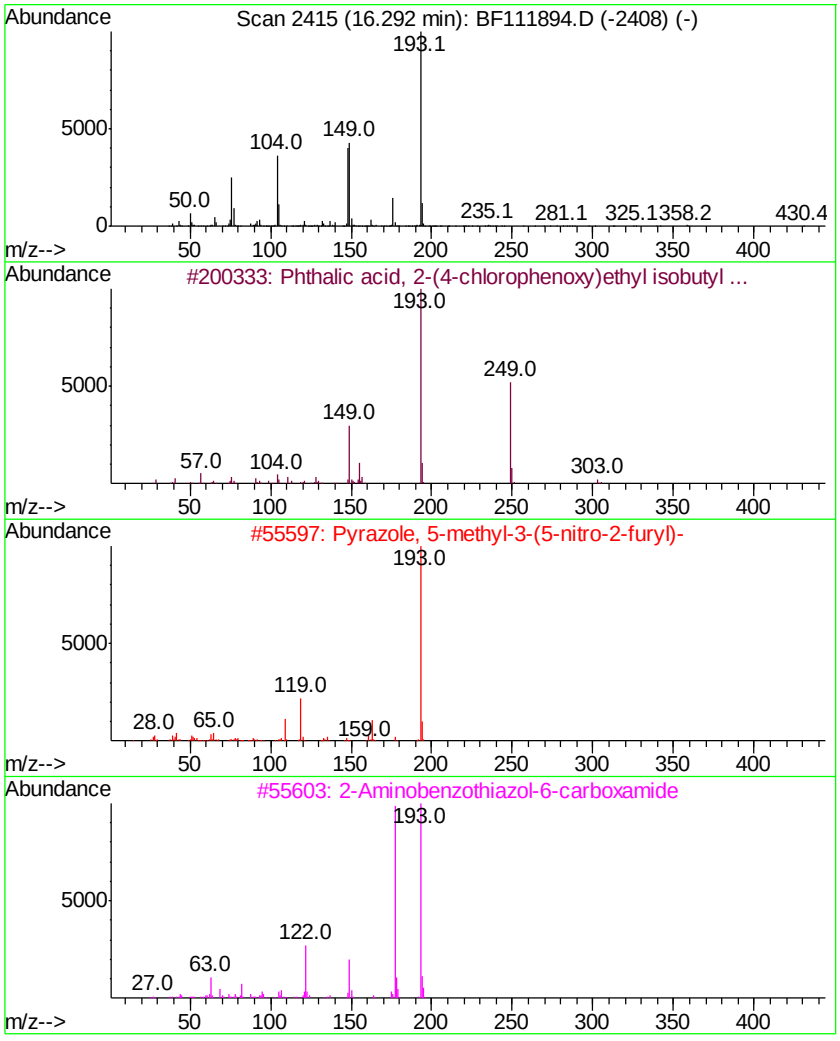
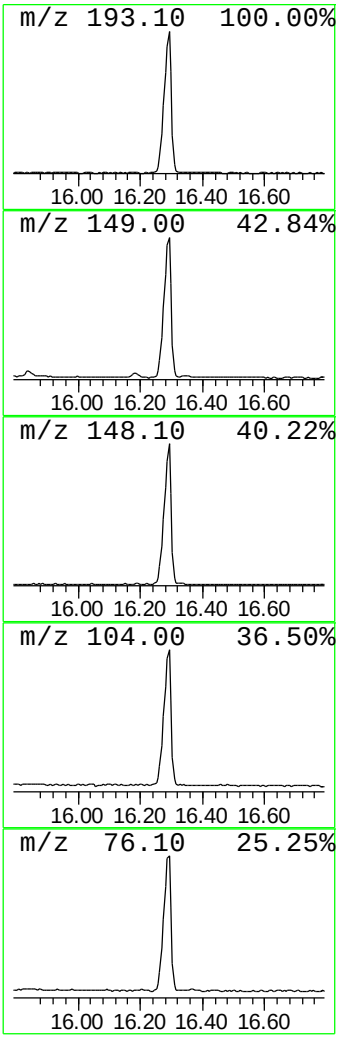
Peak Number 20 unknown16.29 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	28.41 ng	2098260	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-(4-chlorophenox...	376	C20H21ClO5	1000377-90-4	28
2	Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	25
3	2-Aminobenzothiazol-6-carboxamide	193	C8H7N3OS	111962-90-4	17
4	3H-Isobenzofuran-1-one, 6,7-dime...	299	C17H17NO4	1000310-91-3	17
5	Fumaric acid, di(2-fluorophenyl)...	304	C16H10F2O4	1000345-22-9	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF010719\
Data File : BF111894.D
Acq On : 7 Jan 2019 23:20
Operator : JU/SJ
Sample : K1036-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 13-R

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.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
.alpha.-Pinene	6.19	90.9	ng	7133210	1	6.89	1568930	20.0
unknown6.67	6.67	63.0	ng	4944730	1	6.89	1568930	20.0
unknown7.54	7.54	35.0	ng	1607800	2	8.17	918291	20.0
unknown7.60	7.60	33.4	ng	1533250	2	8.17	918291	20.0
Tridecane, 5-methyl-	8.06	36.8	ng	1691090	2	8.17	918291	20.0
Nonanoic acid	8.56	31.6	ng	1448470	2	8.17	918291	20.0
Phthalic anhydride	8.97	280.1	ng	12860000	2	8.17	918291	20.0
unknown9.46	9.46	42.3	ng	2041100	3	9.93	965883	20.0
Tetradecanoic acid	11.10	40.1	ng	2004650	4	11.42	998488	20.0
Pentadecanoic acid	11.53	26.2	ng	1308200	4	11.42	998488	20.0
2-((Pent-4-enylox...	11.70	37.4	ng	1864510	4	11.42	998488	20.0
n-Hexadecanoic acid	12.07	1515.9	ng	75679000	4	11.42	998488	20.0
Heptadecanoic acid	12.37	38.2	ng	1909070	4	11.42	998488	20.0
1,2-Benzenedicarb...	12.46	27.0	ng	1346310	4	11.42	998488	20.0
2H-Pyran, 2-[(6-b...	12.58	37.8	ng	1887930	4	11.42	998488	20.0
6-Octadecenoic acid	12.69	266.9	ng	13325000	4	11.42	998488	20.0
Octadecanoic acid	12.82	262.4	ng	41952800	5	14.06	3196970	20.0
Eicosanoic acid	13.48	28.8	ng	4602060	5	14.06	3196970	20.0
unknown16.29	16.29	28.4	ng	2098260	6	15.54	1477320	20.0