LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

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-BF120619.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	5.063	502	506	521	rVB	248340	299766	13.45%	0.987%
2	5.475	572	576	588	rVB	1743797	1559439	70.00%	5.134%
3	6.493	745	749	764	rBV	1791513	1734735	77.86%	5.711%
4	6.634	769	773	776	rVV	2215029	1831841	82.22%	6.031%
5	6.693	779	783	788	rVB2	50965	60069	2.70%	0.198%
6	6.863	808	812	816	rBV	614790	507366	22.77%	1.670%
7	7.016	835	838	842	rBV	1643949	1459381	65.50%	4.805%
8	7.181	861	866	868	rBV2	29732	32435	1.46%	0.107%
9	7.257	873	879	881	rBV2	28861	35038	1.57%	0.115%
10	7.398	898	903	904	rBV	33433	30018	1.35%	0.099%
11	7.428	904	908	911	rVV	1163190	1055415	47.37%	3.475%
12	7.457	911	913	917	rVV	100005	90804	4.08%	0.299%
13	7.510	917	922	925	rVB6	25859	37384	1.68%	0.123%
14	7.669	946	949	952	rVB2	34090	37438	1.68%	0.123%
15	7.822	973	975	979	rVB3	25399	34865	1.56%	0.115%
16	7.887	984	986	989	rVV2	37593	36874	1.66%	0.121%
17	8.128	1024	1027	1028	rBV	138200	105482	4.73%	0.347%
18	8.151	1028	1031	1034	rVV	710235	643187	28.87%	2.118%
19	8.204	1036	1040	1043	rVB3	54342	74137	3.33%	0.244%
20	8.345	1062	1064	1067	rVB2	40738	37175	1.67%	0.122%
21	8.439	1075	1080	1084	rBV5	50601	63512	2.85%	0.209%
22	8.534	1092	1096	1098	rBV2	33015	37769	1.70%	0.124%
23	8.569	1098	1102	1104	rVV2	44326	43470	1.95%	0.143%
24	8.651	1113	1116	1119	rBV2	95399	90111	4.04%	0.297%
25	8.739	1128	1131	1135	rBV	189913	158534	7.12%	0.522%
26	8.810	1139	1143	1145	rVV2	41261	31461	1.41%	0.104%
27	8.975	1168	1171	1173	rBV3	85324	77019	3.46%	0.254%
28	9.098	1189	1192	1197	rVB4	42420	67302	3.02%	0.222%
29	9.169	1201	1204	1206	rBV2	57748	44389	1.99%	0.146%
30	9.228	1210	1214	1217	rBV	2810056	2227919	100.00%	7.335%
31	9.304	1224	1227	1230	rBV	218812	175455	7.88%	0.578%
32	9.375	1236	1239	1242	rVB	56230	57791	2.59%	0.190%
33	9.498	1255	1260	1264	rVB8	31344	53341	2.39%	0.176%
34	9.545	1264	1268	1269	rBV3	34780	41544	1.86%	0.137%

LSC Area Percent Report

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Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.586	1273	1275	1278	rVV3	42794	45861	2.06%	0.151%
36	9.622	1278	1281	1284	rVV3	137191	166367	7.47%	0.548%
37	9.651	1284	1286	1289	rVV3	48935	53433	2.40%	0.176%
38	9.686	1289	1292	1295	rVB3	62056	47563	2.13%	0.157%
39	9.834	1314	1317	1322	rVB	208274	178710	8.02%	0.588%
40	9.910	1322	1330	1334	rBV	984965	813196	36.50%	2.677%
41	9.951	1334	1337	1340	rBV	1737223	1270706	57.04%	4.184%
42	10.010	1345	1347	1353	rVB6	28532	30110	1.35%	0.099%
43	10.075	1353	1358	1359	rBV3	28439	38498	1.73%	0.127%
44	10.110	1359	1364	1369	rVB8	58066	101636	4.56%	0.335%
45	10.157	1369	1372	1376	rBV4	57358	72059	3.23%	0.237%
46	10.228	1381	1384	1387	rBV4	34190	49039	2.20%	0.161%
47	10.339	1397	1403	1406	rBV	220678	207816	9.33%	0.684%
48	10.392	1410	1412	1418	rVB4	20877	30807	1.38%	0.101%
49	10.557	1436	1440	1447	rVB	69890	96991	4.35%	0.319%
50	10.704	1461	1465	1476	rVB	1537367	1458643	65.47%	4.802%
51	10.810	1480	1483	1488	rBV	222739	239142	10.73%	0.787%
52	10.916	1498	1501	1505	rBV	694751	566873	25.44%	1.866%
53	11.263	1557	1560	1563	rBV	185656	159480	7.16%	0.525%
54	11.292	1563	1565	1571	rVB	86048	95086	4.27%	0.313%
55	11.404	1580	1584	1591	rBV	898823	806060	36.18%	2.654%
56	11.692	1630	1633	1635	rBV	149613	131820	5.92%	0.434%
57	11.792	1646	1650	1653	rBV	912396	702373	31.53%	2.312%
58	11.928	1669	1673	1681	rBV	245533	261481	11.74%	0.861%
59	12.098	1699	1702	1707	rVB	132824	114516	5.14%	0.377%
60	12.480	1763	1767	1769	rBV	2268118	2039507	91.54%	6.715%
61	12.504	1769	1771	1774	rVB	2797616	2114909	94.93%	6.963%
62	12.586	1782	1785	1788	rBV	331522	258969	11.62%	0.853%
63	12.639	1788	1794	1799	rBV2	125282	227943	10.23%	0.750%
64	12.716	1804	1807	1813	rVB2	71333	87119	3.91%	0.287%
65	12.822	1820	1825	1828	rBV2	69233	77447	3.48%	0.255%
66	12.863	1828	1832	1835	rVB2	74861	74295	3.33%	0.245%
67	12.992	1850	1854	1858	rBV	2521012	2209006	99.15%	7.273%
68	13.151	1878	1881	1883	rBV3	61904	58601	2.63%	0.193%
69	13.222	1890	1893	1894	rBV	48049	38579	1.73%	0.127%
70	13.316	1906	1909	1912	rVB	46725	36467	1.64%	0.120%
71	13.563	1948	1951	1957	rVB	45172	38576	1.73%	0.127%

LSC Area Percent Report

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Sample : K6110-01
Misc :
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Instrument : BNA_F
ClientSampleId : HD-02-121219

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-BF120619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.886	2003	2006	2013	rBV	285760	326458	14.65%	1.075%
73	13.986	2020	2023	2026	rBV2	34501	38009	1.71%	0.125%
74	14.057	2031	2035	2042	rVV	659530	698179	31.34%	2.299%
75	14.210	2058	2061	2065	rBV	76051	64359	2.89%	0.212%
76	14.516	2110	2113	2119	rVB	113262	134121	6.02%	0.442%
77	14.827	2163	2166	2170	rVB	109156	102742	4.61%	0.338%
78	15.168	2221	2224	2229	rBV	108637	122695	5.51%	0.404%
79	15.551	2284	2289	2295	rBV2	557807	832889	37.38%	2.742%
80	16.010	2364	2367	2372	rVB	70552	88116	3.96%	0.290%
81	16.068	2374	2377	2382	rVB6	61772	93592	4.20%	0.308%

Sum of corrected areas: 30373310

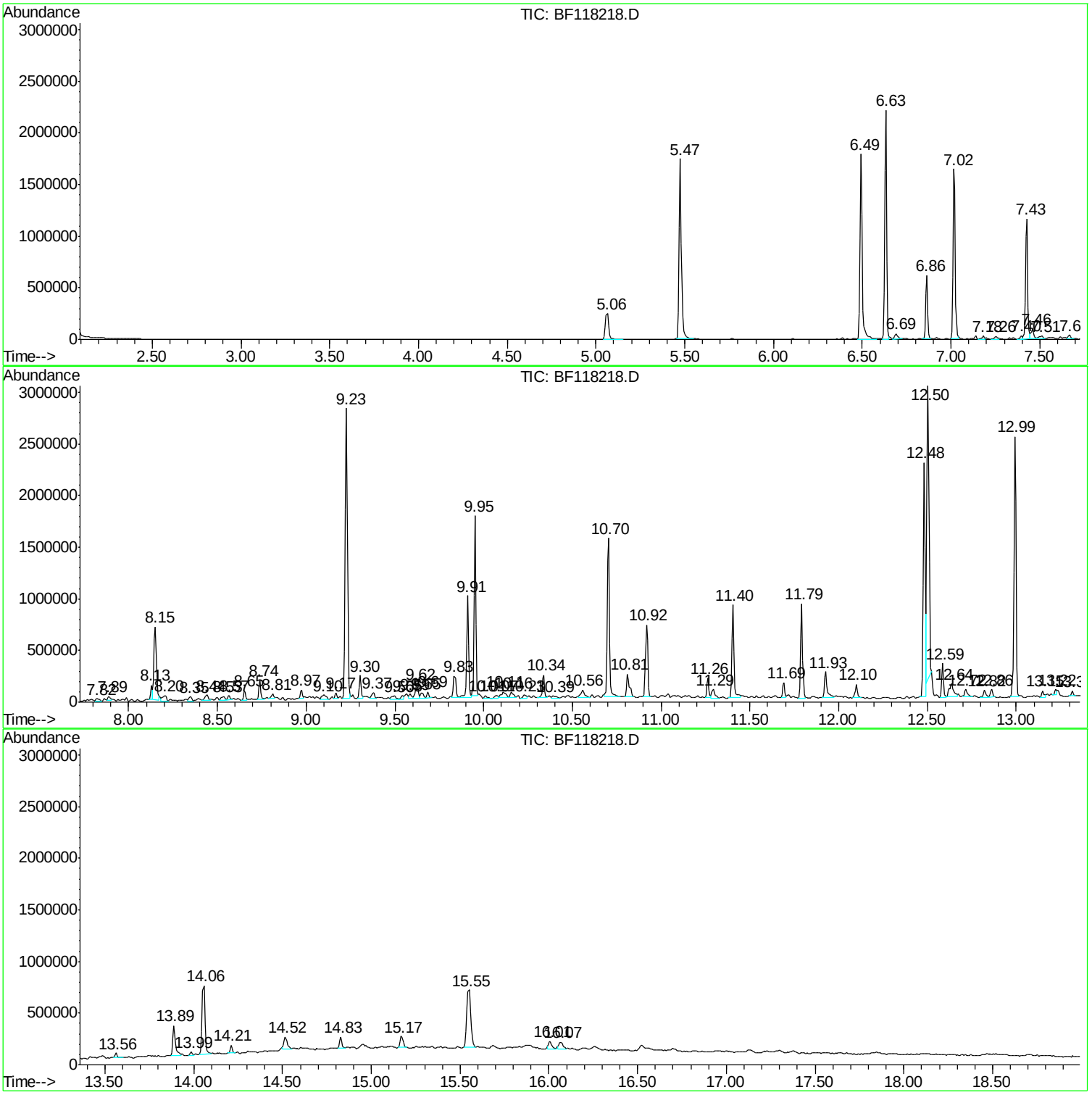
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

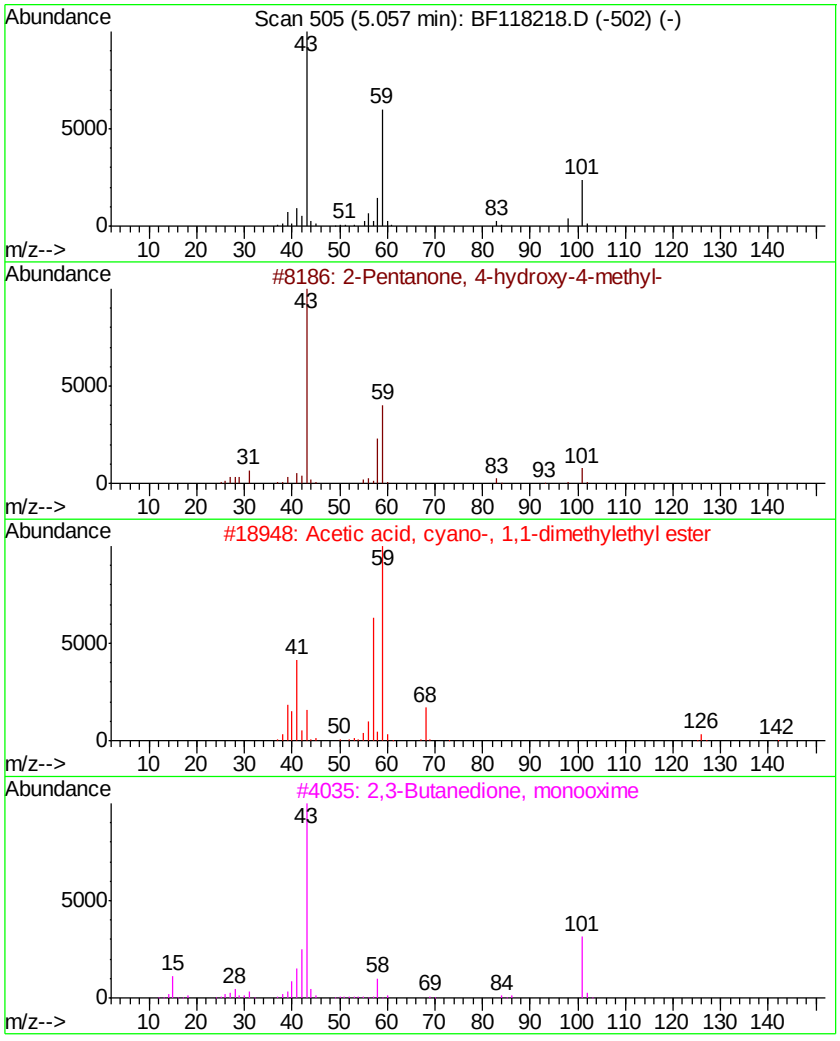
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

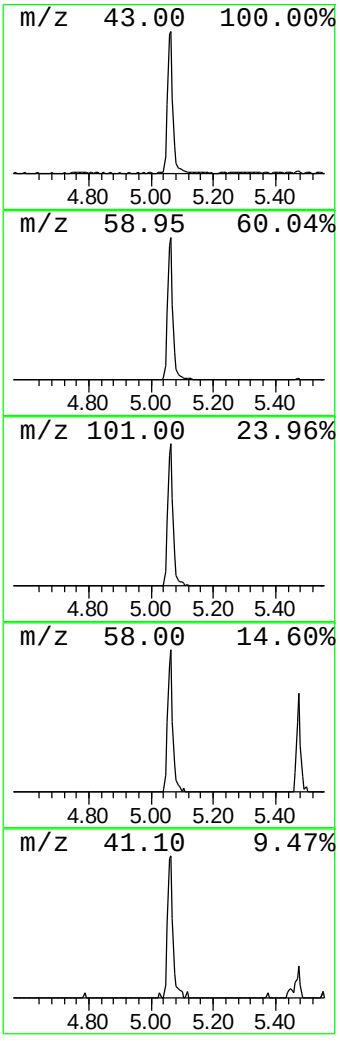
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	11.82 ng	299766	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
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Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

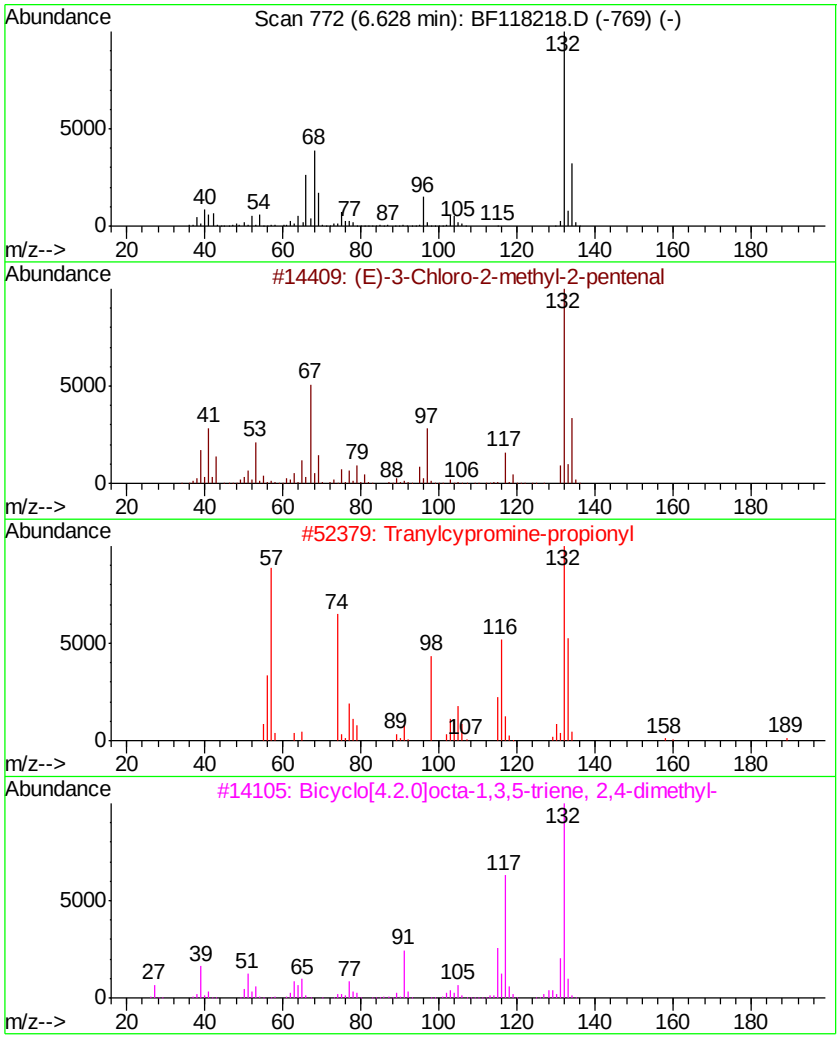
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

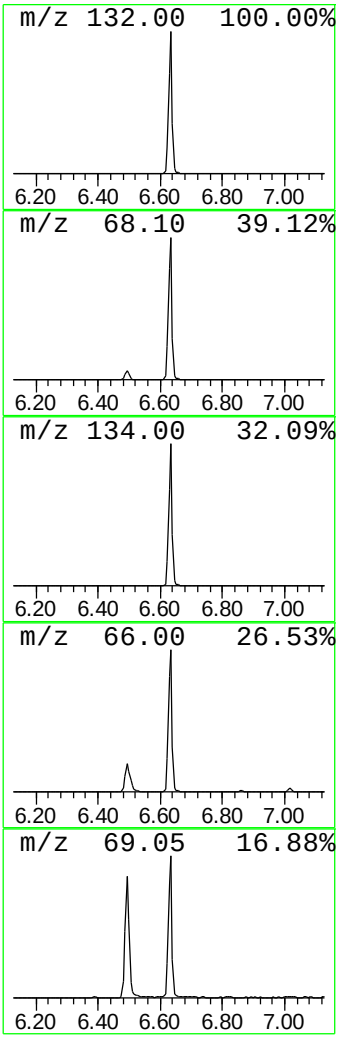
****

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	72.21 ng	1831840	1,4-Dichlorobenzene-d4	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121619\
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ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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TIC Library : C:\DATABASE\NIST11.L
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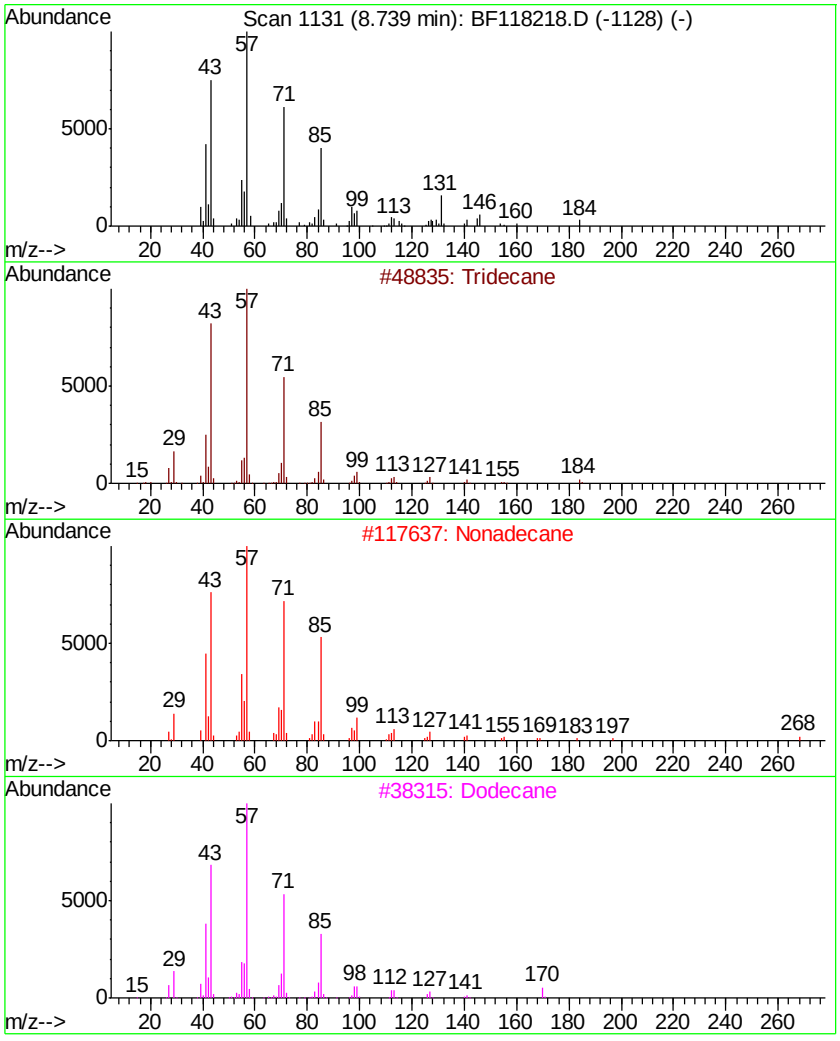
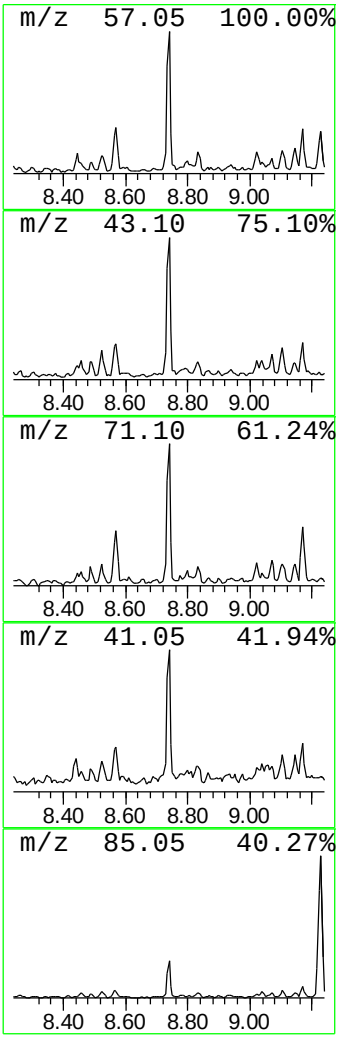
Peak Number 4 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	4.93 ng	158534	Naphthalene-d8	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Nonadecane	268	C19H40	000629-92-5	72
3	Dodecane	170	C12H26	000112-40-3	64
4	Pentadecane	212	C15H32	000629-62-9	64
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
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TIC Library : C:\DATABASE\NIST11.L
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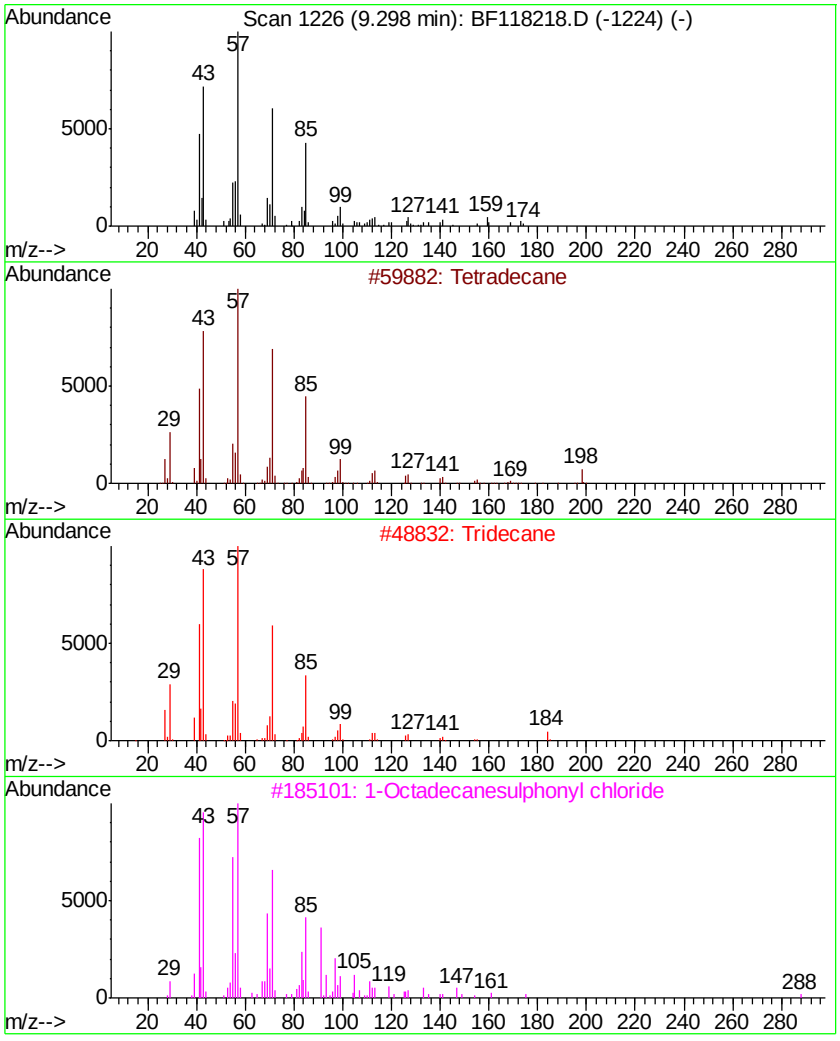
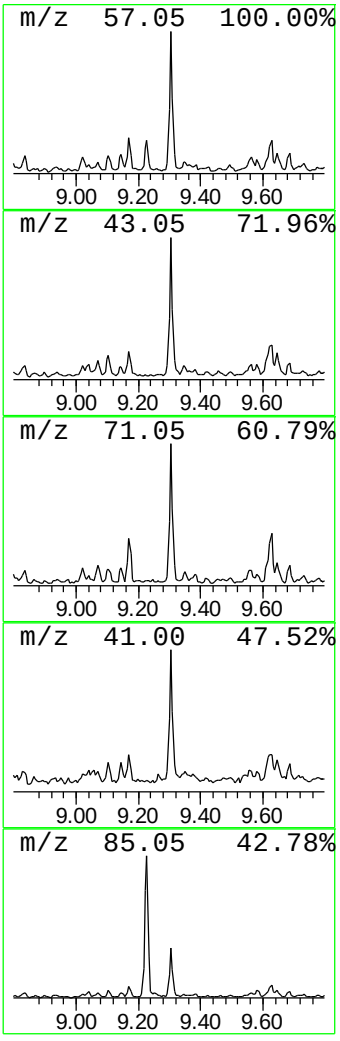
Peak Number 5 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	4.32 ng	175455	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	97
2	Tridecane	184	C13H28	000629-50-5	90
3	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	90
4	Dodecane	170	C12H26	000112-40-3	90
5	Hexadecane	226	C16H34	000544-76-3	83





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Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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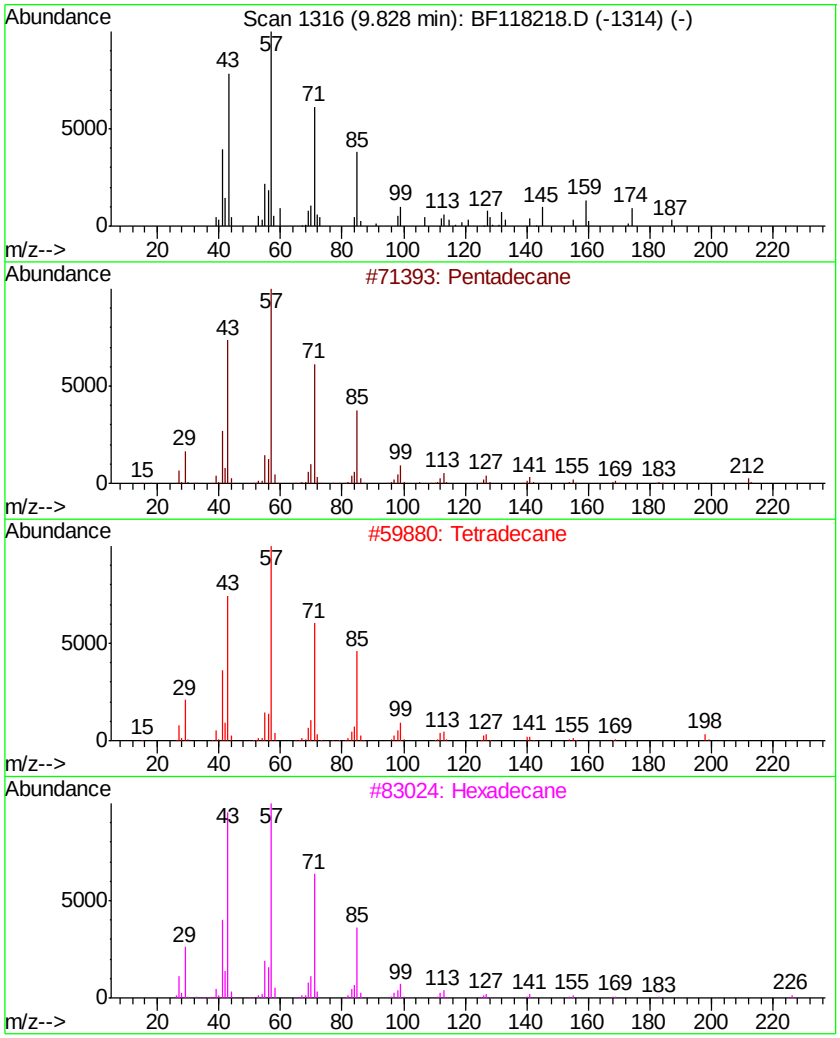
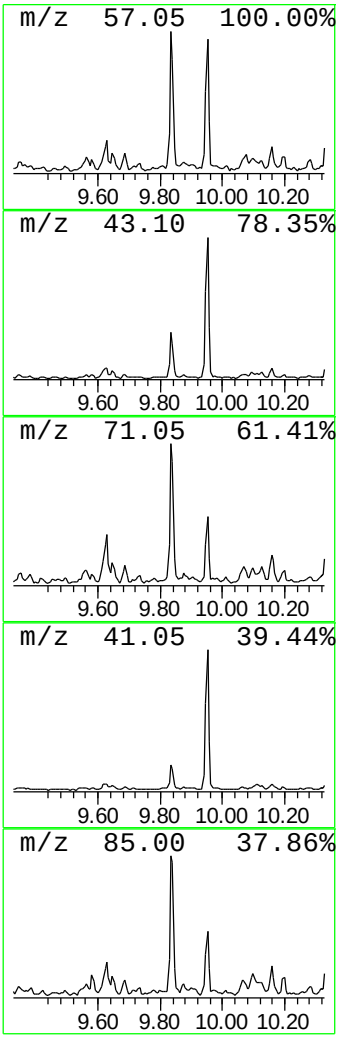
Peak Number 6 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	4.40 ng	178710	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Nonadecane	268	C19H40	000629-92-5	86
5	Tridecane	184	C13H28	000629-50-5	80





Library Search Compound Report

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Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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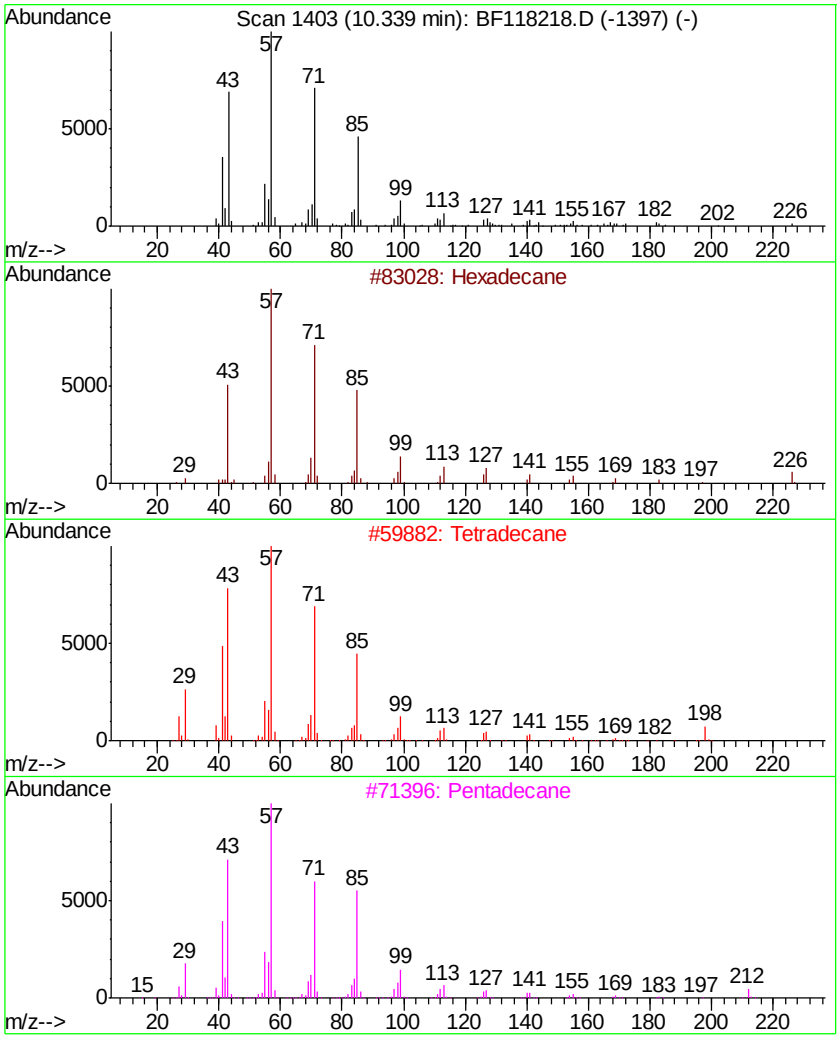
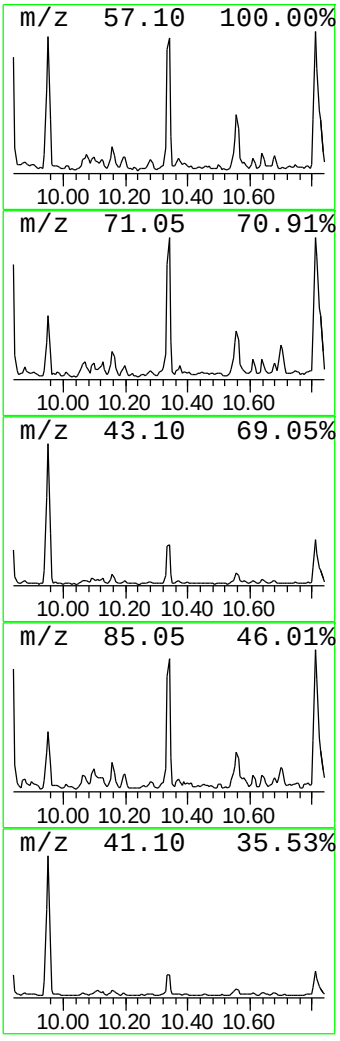
Peak Number 7 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	5.11 ng	207816	Acenaphthene-d10	9.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90
5	Heptadecane	240	C17H36	000629-78-7	87





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Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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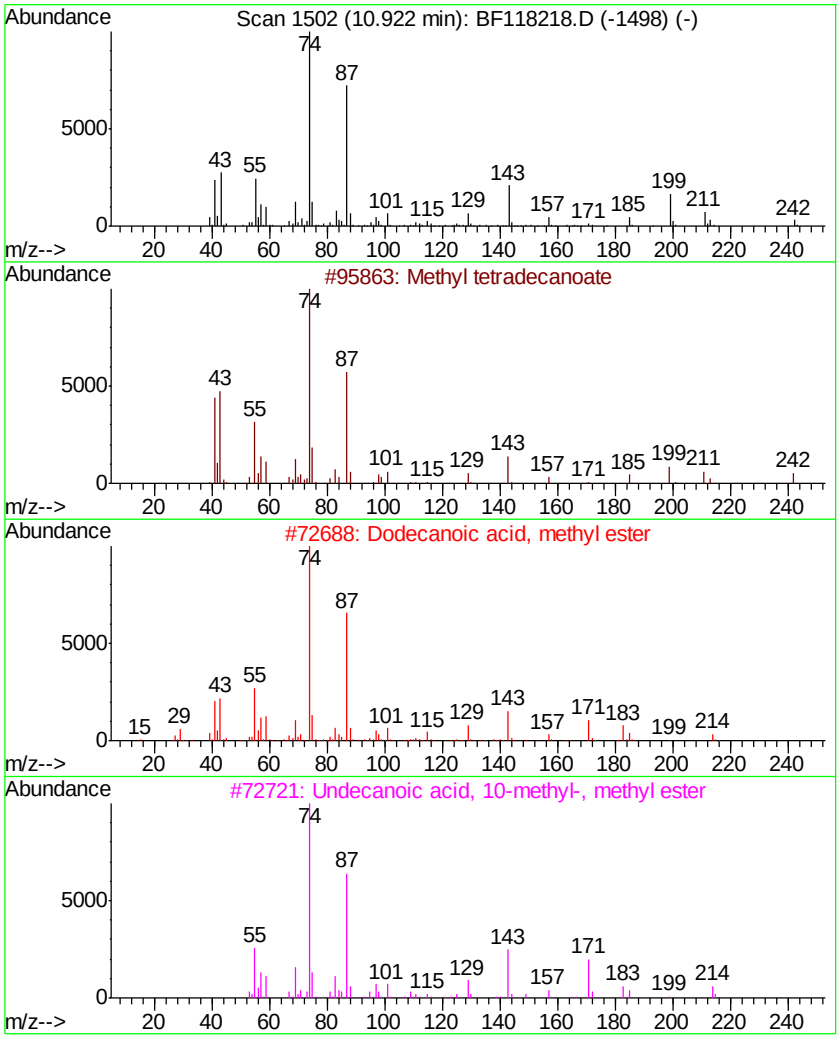
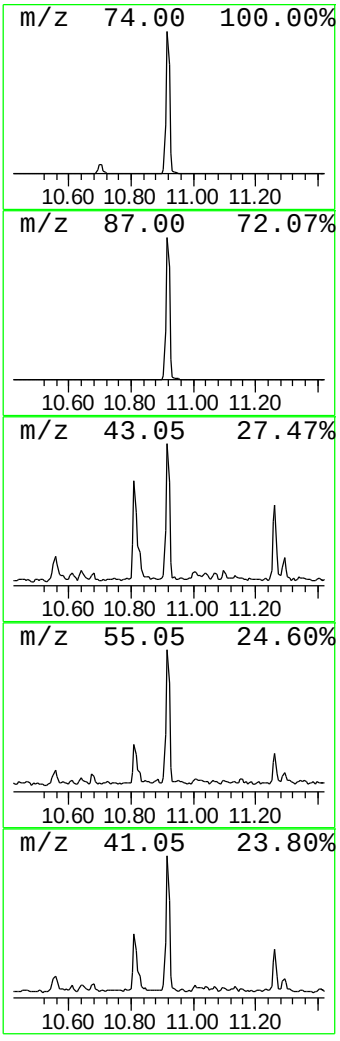
Peak Number 9 Methyl tetradecanoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	14.07 ng	566873	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	86
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	80
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80





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Sample : K6110-01
Misc :
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ClientSampleId : HD-02-121219

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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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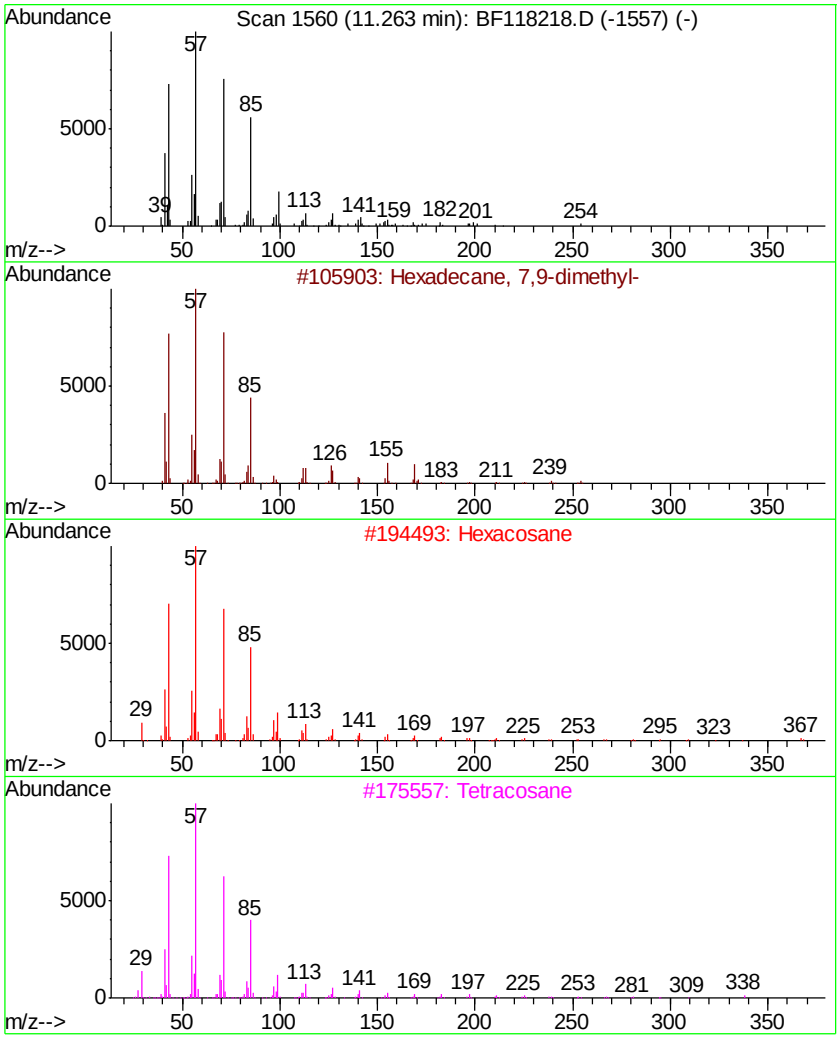
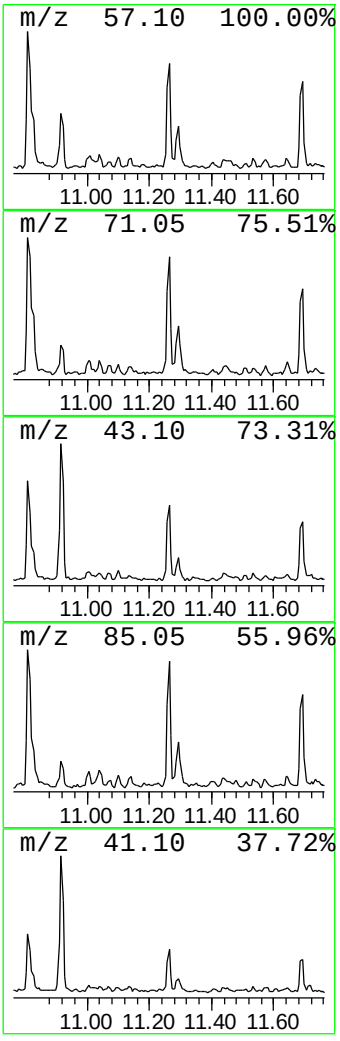
Peak Number 10 Hexadecane, 7,9-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.26	3.96 ng	159480	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane	198	C14H30	000629-59-4	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Operator : JU
Sample : K6110-01
Misc :
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Instrument : BNA_F
ClientSampleId : HD-02-121219

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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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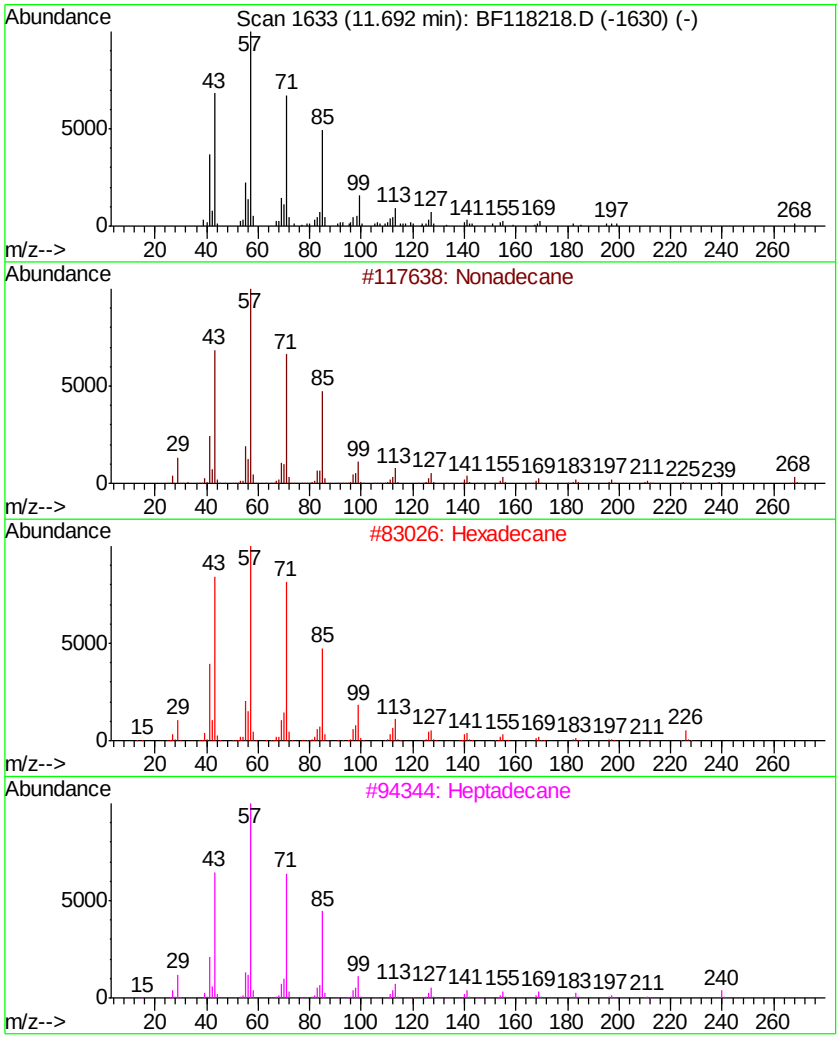
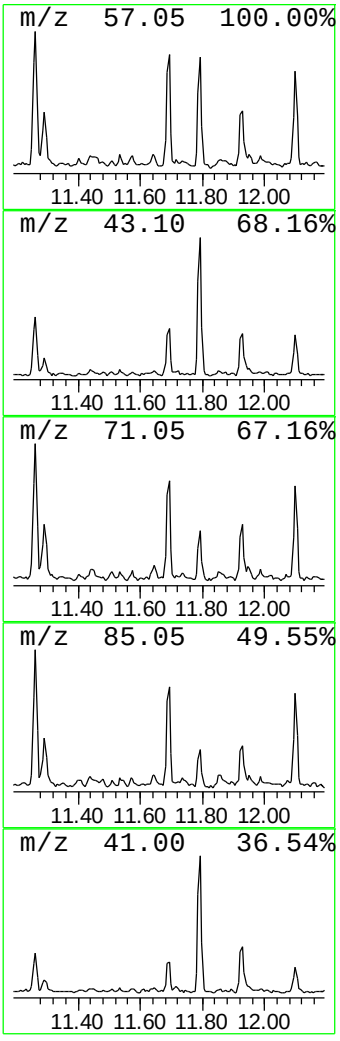
Peak Number 11 Nonadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	3.27 ng	131820	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetradecane	198	C14H30	000629-59-4	91





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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

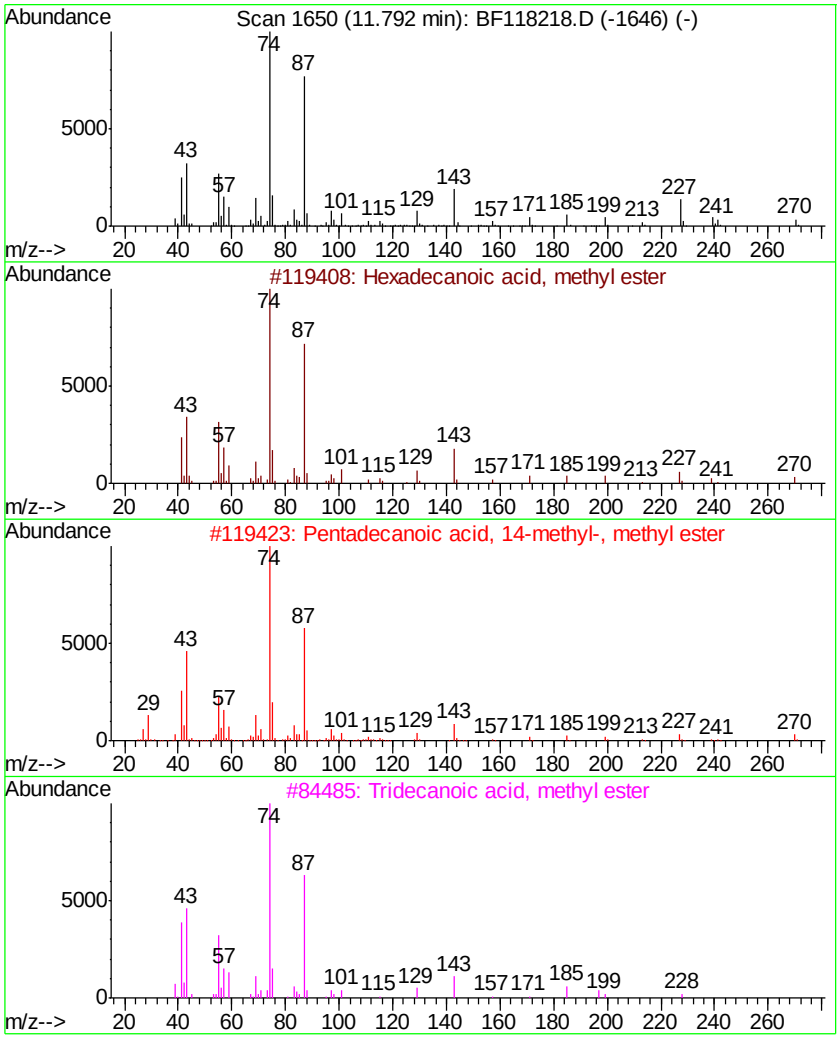
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

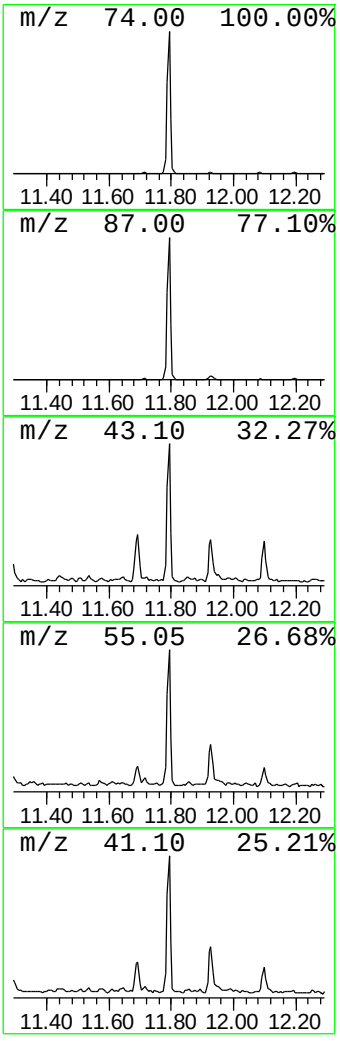
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	17.43 ng	702373	Phenanthrene-d10	11.40

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	91
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	90
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	83





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Acq On : 17 Dec 2019 1:22
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : HD-02-121219

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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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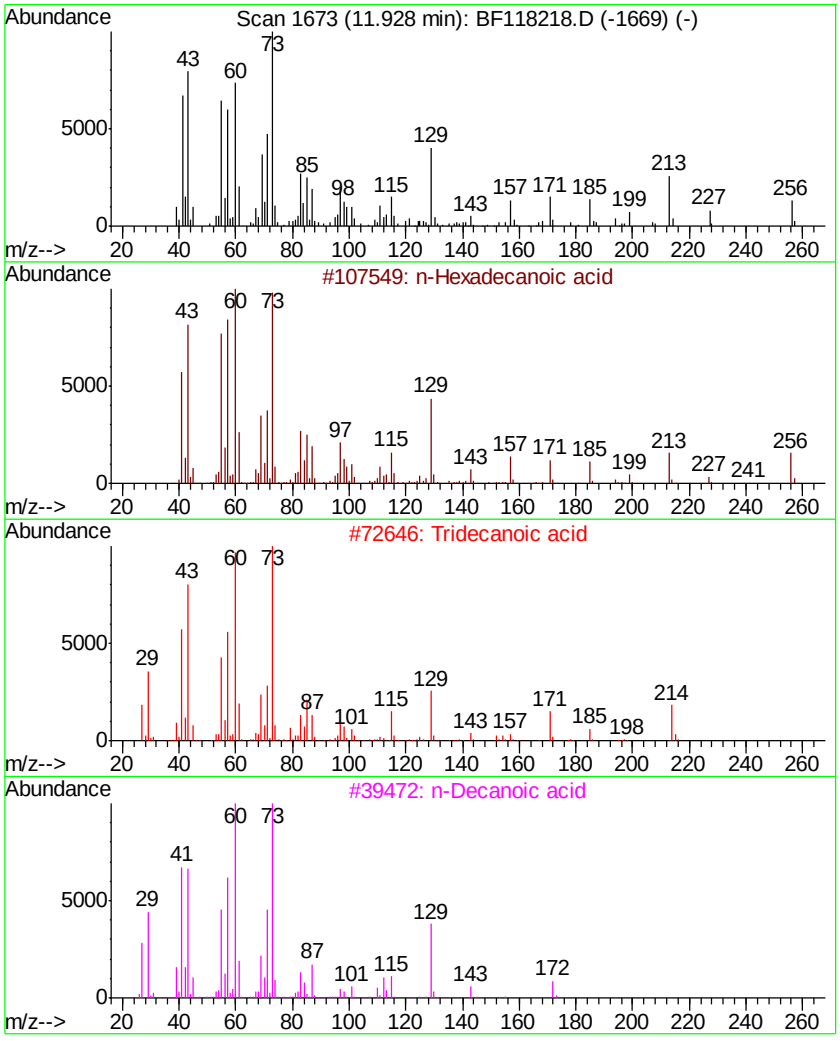
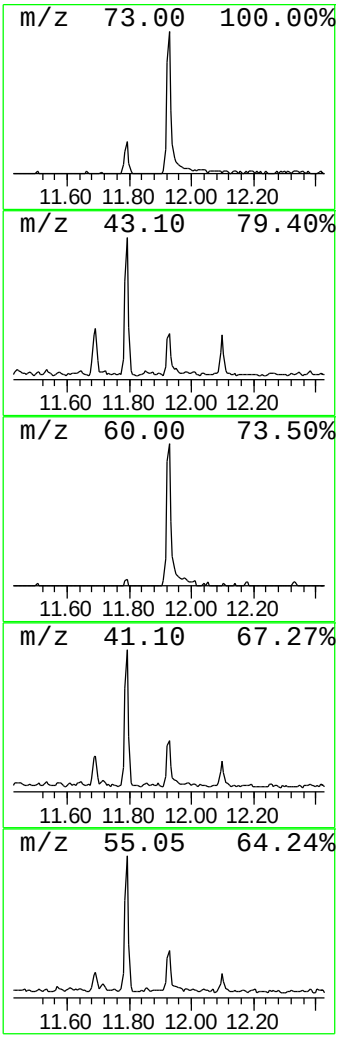
Peak Number 13 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	6.49 ng	261481	Phenanthrene-d10	11.40

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	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	81





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Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

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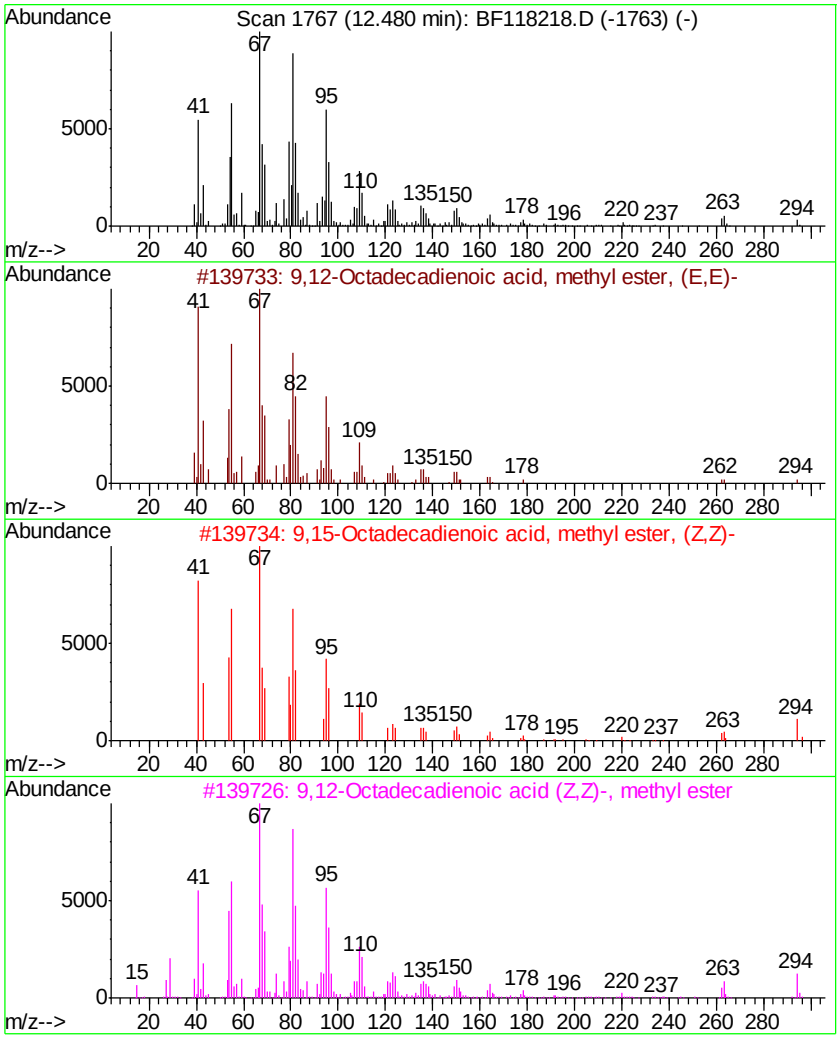
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

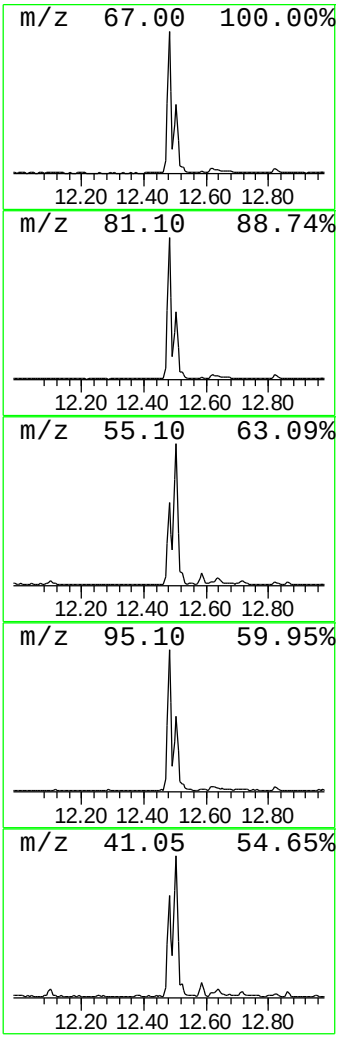
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	50.60 ng	2039510	Phenanthrene-d10	11.40

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	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98





Library Search Compound Report

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Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

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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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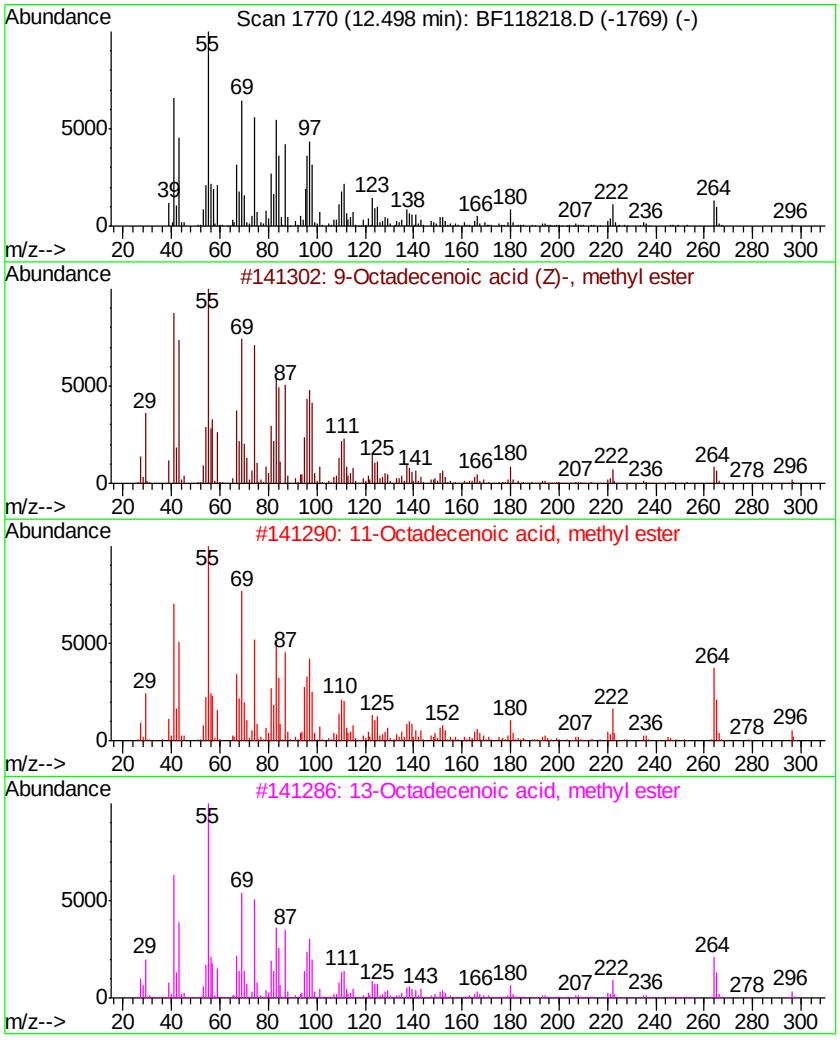
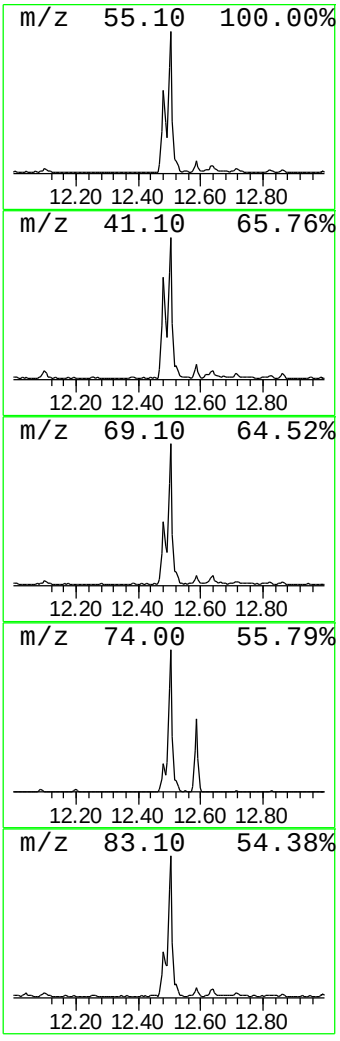
Peak Number 15 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	52.48 ng	2114910	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99
5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99





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Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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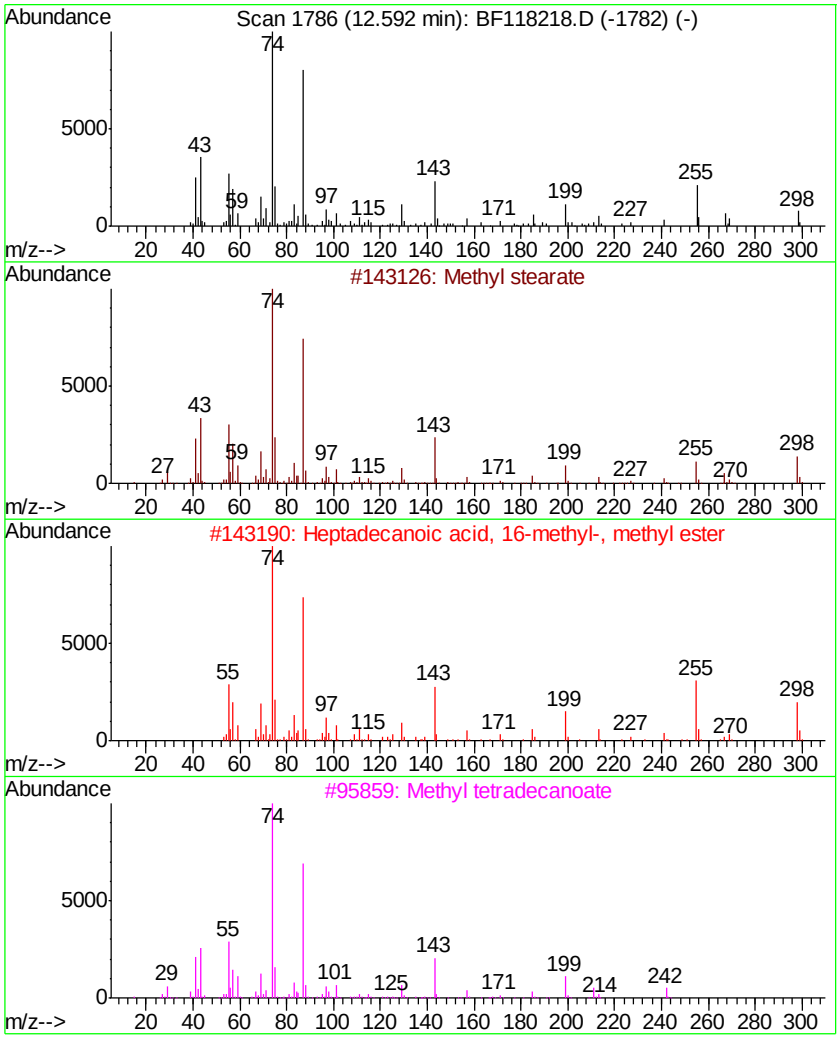
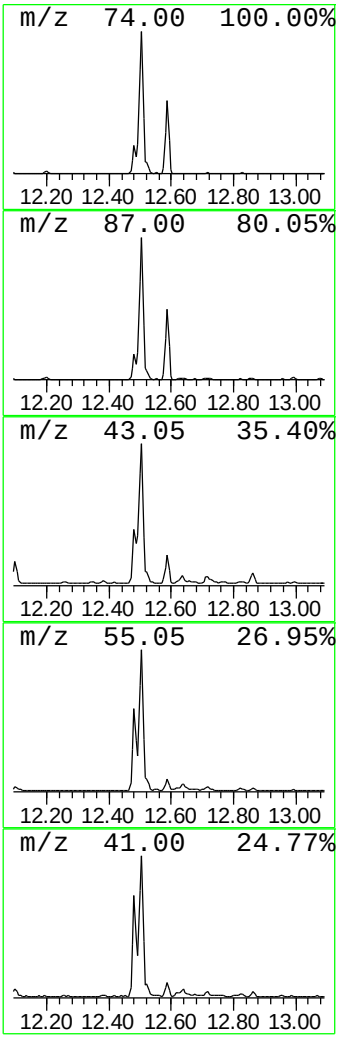
Peak Number 16 Methyl stearate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	6.43 ng	258969	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	99
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	94
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	80





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId : HD-02-121219

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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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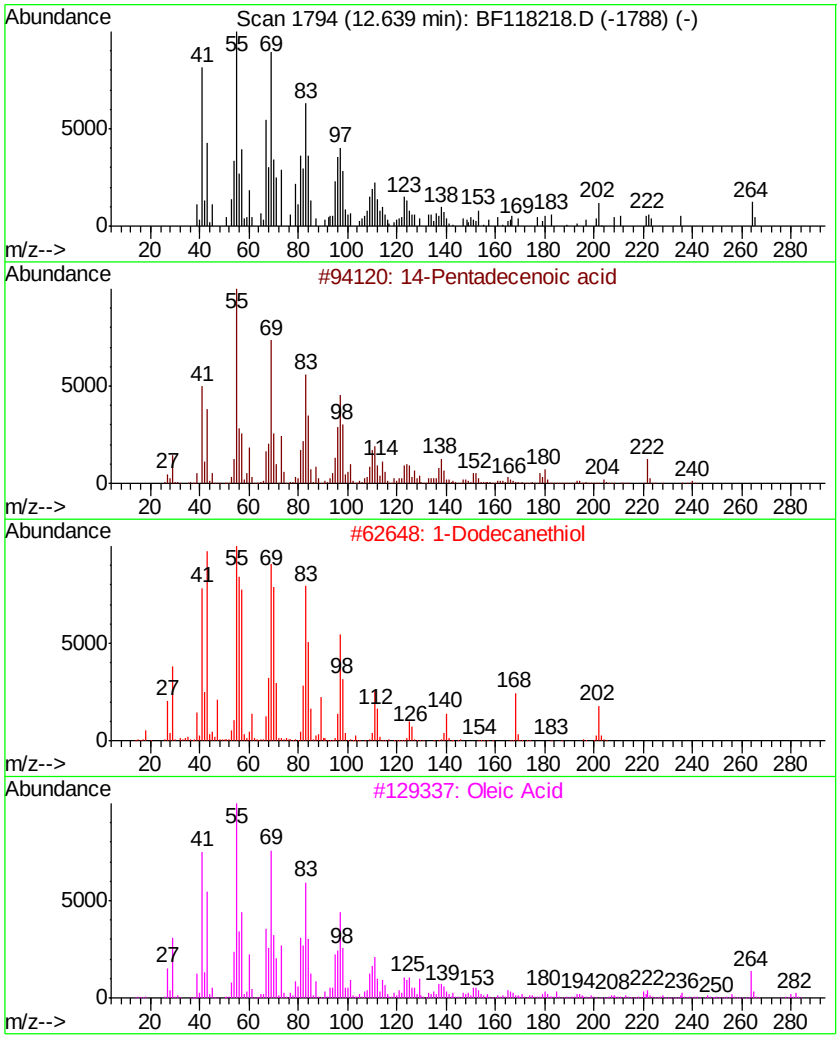
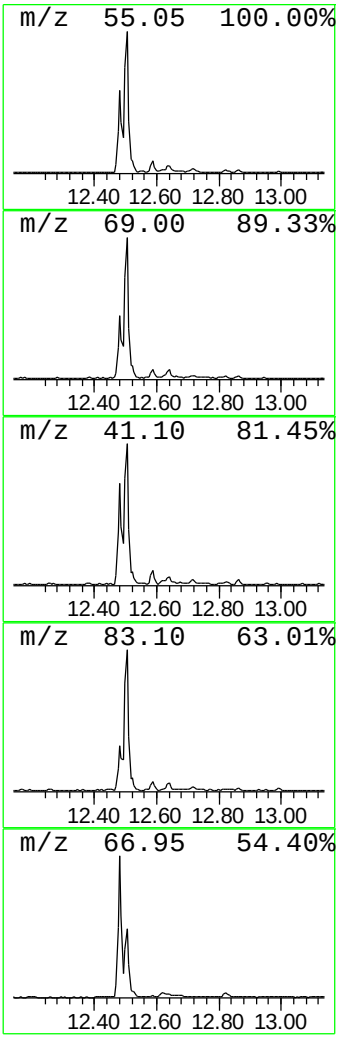
Peak Number 17 14-Pentadecenoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.66 ng	227943	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	87
2	1-Dodecanethiol	202	C12H26S	000112-55-0	74
3	Oleic Acid	282	C18H34O2	000112-80-1	70
4	Z-11-Tetradecenoic acid	226	C14H26O2	1000130-83-3	64
5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	64





Library Search Compound Report

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Sample : K6110-01
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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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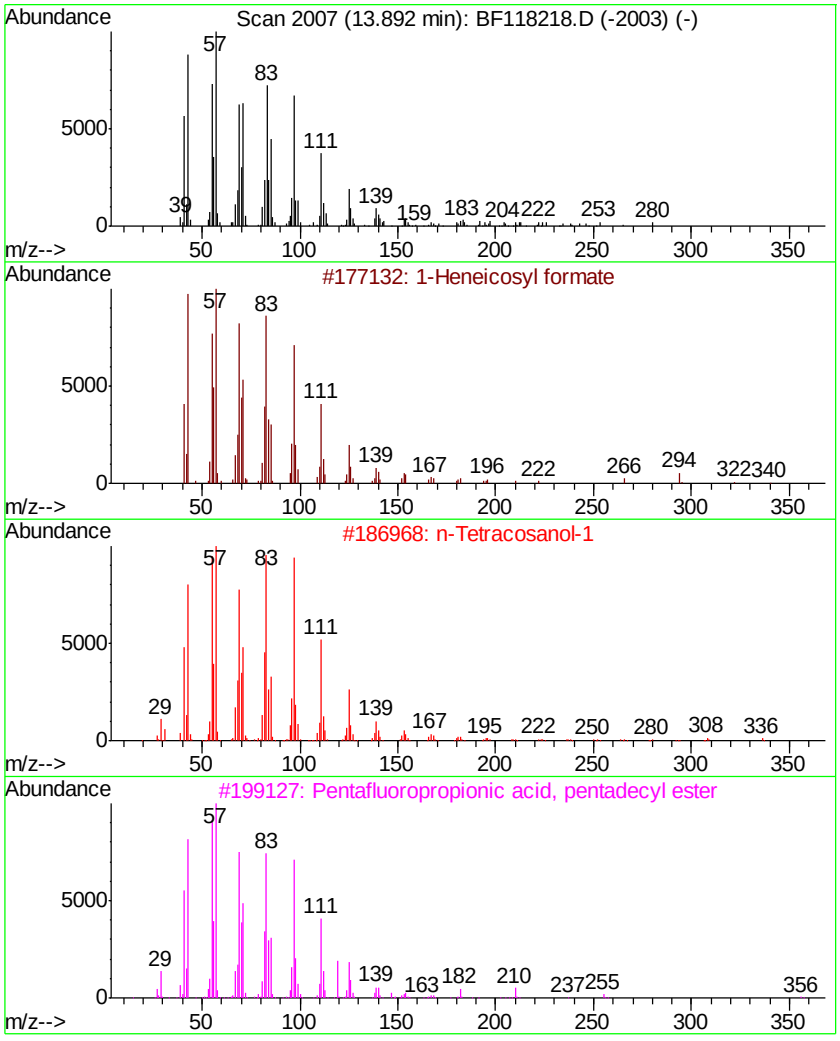
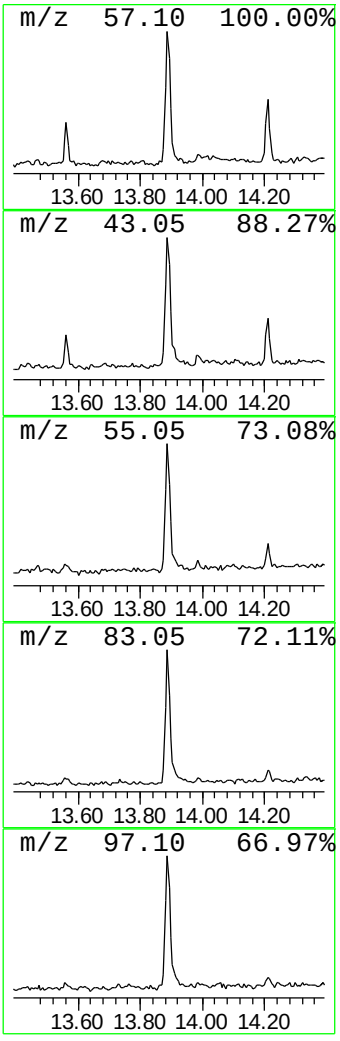
Peak Number 18 1-Heneicosyl formate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	9.35 ng	326458	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





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Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

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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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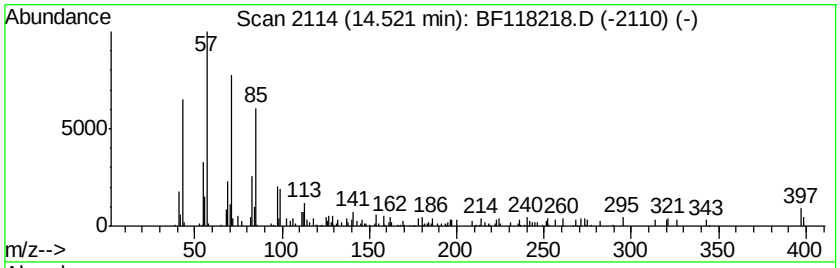
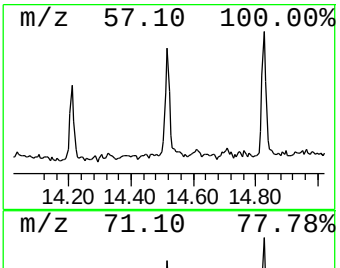
Peak Number 19 Heptadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	3.84 ng	134121	Chrysene-d12	14.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





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Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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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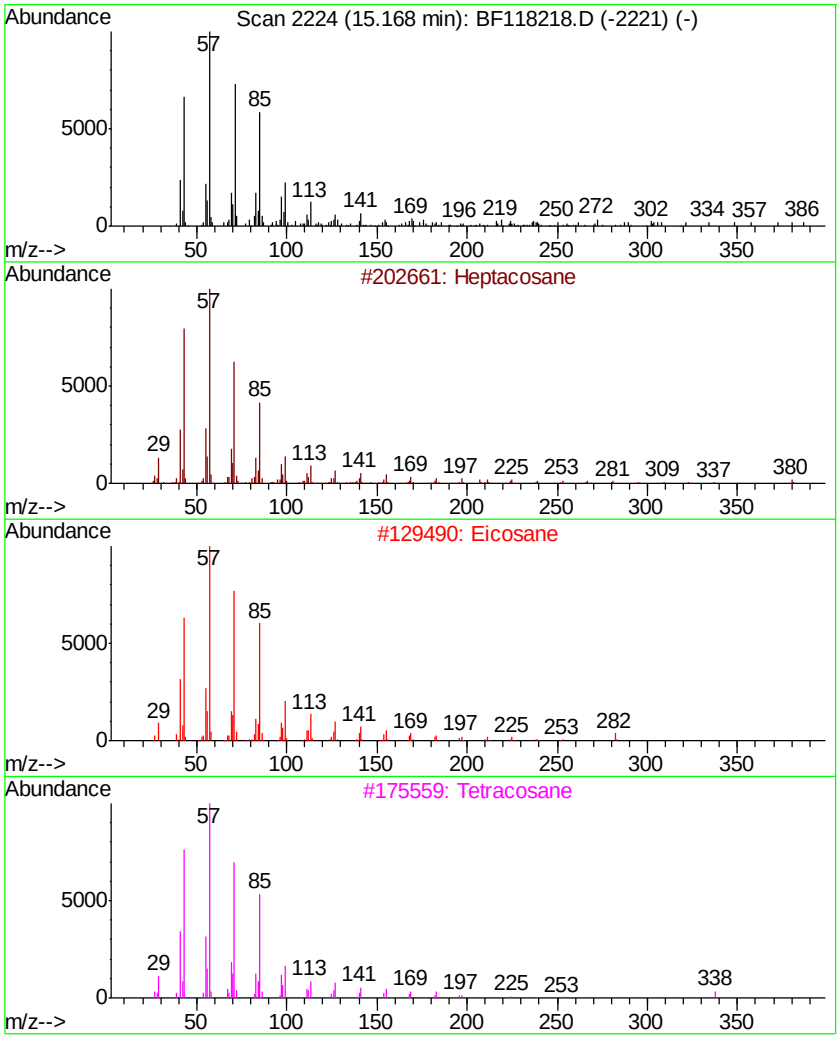
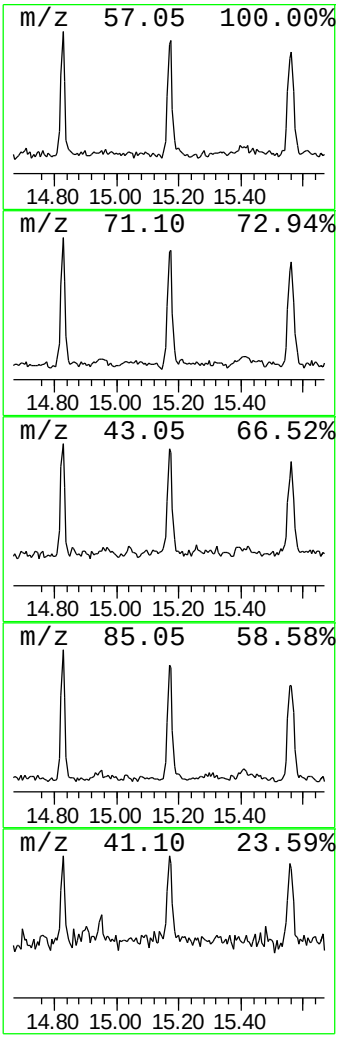
Peak Number 20 Heptacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.95 ng	122695	Perylene-d12	15.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	93
2	Eicosane	282	C20H42	000112-95-8	93
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane	240	C17H36	000629-78-7	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121619\
Data File : BF118218.D
Acq On : 17 Dec 2019 1:22
Operator : JU
Sample : K6110-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-02-121219

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120619.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
2-Pentanone, 4-hy...	5.06	11.8	ng	299766	1	6.86	507366	20.0
unknown6.63	6.63	72.2	ng	1831840	1	6.86	507366	20.0
Tridecane	8.74	4.9	ng	158534	2	8.15	643187	20.0
Tetradecane	9.30	4.3	ng	175455	3	9.91	813196	20.0
Pentadecane	9.83	4.4	ng	178710	3	9.91	813196	20.0
Hexadecane	10.34	5.1	ng	207816	3	9.91	813196	20.0
Methyl tetradecan...	10.92	14.1	ng	566873	4	11.40	806060	20.0
Hexadecane, 7,9-d...	11.26	4.0	ng	159480	4	11.40	806060	20.0
Nonadecane	11.69	3.3	ng	131820	4	11.40	806060	20.0
Hexadecanoic acid...	11.79	17.4	ng	702373	4	11.40	806060	20.0
n-Hexadecanoic acid	11.93	6.5	ng	261481	4	11.40	806060	20.0
9,12-Octadecadien...	12.48	50.6	ng	2039510	4	11.40	806060	20.0
9-Octadecenoic ac...	12.50	52.5	ng	2114910	4	11.40	806060	20.0
Methyl stearate	12.59	6.4	ng	258969	4	11.40	806060	20.0
14-Pentadecenoic ...	12.64	5.7	ng	227943	4	11.40	806060	20.0
1-Heneicosyl formate	13.89	9.3	ng	326458	5	14.06	698179	20.0
Heptadecane	14.52	3.8	ng	134121	5	14.06	698179	20.0
Heptacosane	15.17	3.0	ng	122695	6	15.54	832889	20.0