LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115619.D
Acq On : 17 Jul 2019 1:04
Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

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-BF071219.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	2.134	4	8	19	rVB	206046	310711	33.22%	2.557%
2	5.504	577	581	593	rVB	437286	457400	48.91%	3.765%
3	6.510	748	752	759	rBV	524276	510489	54.59%	4.202%
4	6.563	759	761	767	rVB	32695	30585	3.27%	0.252%
5	6.657	773	777	786	rBV	604880	555098	59.36%	4.569%
6	6.886	813	816	820	rBV	947539	771891	82.54%	6.353%
7	6.951	824	827	829	rBV3	13632	16987	1.82%	0.140%
8	7.045	839	843	850	rVB	534725	454045	48.55%	3.737%
9	7.263	876	880	882	rBV	18477	20981	2.24%	0.173%
10	7.286	882	884	889	rVB	14270	13702	1.47%	0.113%
11	7.439	907	910	917	rVB	355271	294499	31.49%	2.424%
12	8.139	1025	1029	1031	rBV	43813	47623	5.09%	0.392%
13	8.169	1031	1034	1041	rVV	1019938	813273	86.96%	6.694%
14	8.228	1041	1044	1050	rVB4	12998	23283	2.49%	0.192%
15	8.845	1146	1149	1153	rBV	14860	15251	1.63%	0.126%
16	9.245	1213	1217	1222	rBV	538215	489445	52.34%	4.029%
17	9.516	1260	1263	1266	rBV	25025	20439	2.19%	0.168%
18	9.610	1277	1279	1281	rBV	40152	30195	3.23%	0.249%
19	9.633	1281	1283	1292	rVB	84981	82690	8.84%	0.681%
20	9.769	1303	1306	1311	rBV2	50809	50485	5.40%	0.416%
21	9.927	1329	1333	1337	rBV	1003254	850185	90.91%	6.998%
22	10.333	1398	1402	1404	rBV	16964	17179	1.84%	0.141%
23	10.445	1417	1421	1423	rBV	55566	51653	5.52%	0.425%
24	10.710	1463	1466	1470	rBV	293114	261284	27.94%	2.151%
25	10.827	1484	1486	1489	rBV2	20554	19501	2.09%	0.161%
26	10.857	1489	1491	1494	rVB2	13515	12817	1.37%	0.105%
27	10.916	1497	1501	1504	rBV3	11963	13726	1.47%	0.113%
28	10.957	1505	1508	1511	rBV	36539	32074	3.43%	0.264%
29	11.069	1521	1527	1530	rBV4	22093	28576	3.06%	0.235%
30	11.269	1554	1561	1566	rBV2	308539	282282	30.18%	2.323%
31	11.327	1568	1571	1574	rVV	87449	70943	7.59%	0.584%
32	11.357	1574	1576	1579	rVV3	15079	21466	2.30%	0.177%
33	11.410	1582	1585	1588	rVV	1015185	935208	100.00%	7.698%
34	11.439	1588	1590	1592	rVV2	123723	116913	12.50%	0.962%

LSC Area Percent Report

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Data File : BF115619.D
Acq On : 17 Jul 2019 1:04
Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

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-BF071219.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.469	1592	1595	1601	rVB2	123579	131322	14.04%	1.081%
36	11.627	1619	1622	1627	rBV3	30594	41148	4.40%	0.339%
37	11.810	1649	1653	1658	rVB2	72686	76857	8.22%	0.633%
38	11.863	1658	1662	1666	rBV4	16411	23929	2.56%	0.197%
39	11.933	1671	1674	1678	rVV	254323	245530	26.25%	2.021%
40	11.968	1678	1680	1683	rVV	21526	23551	2.52%	0.194%
41	12.027	1687	1690	1692	rBV2	26458	24983	2.67%	0.206%
42	12.116	1699	1705	1712	rBV8	30292	58408	6.25%	0.481%
43	12.310	1735	1738	1741	rVB2	27708	23784	2.54%	0.196%
44	12.433	1757	1759	1762	rVB3	15727	13758	1.47%	0.113%
45	12.486	1765	1768	1769	rBV3	22710	20863	2.23%	0.172%
46	12.545	1776	1778	1782	rVB4	28208	26560	2.84%	0.219%
47	12.627	1788	1792	1798	rBV	159417	213245	22.80%	1.755%
48	12.715	1804	1807	1815	rBV2	93775	128380	13.73%	1.057%
49	12.833	1824	1827	1829	rBV	90267	99755	10.67%	0.821%
50	12.851	1829	1830	1833	rVB	112232	89631	9.58%	0.738%
51	12.992	1851	1854	1860	rVB	665038	565678	60.49%	4.656%
52	13.227	1891	1894	1899	rBV3	74492	113703	12.16%	0.936%
53	13.439	1928	1930	1933	rBV	64036	64738	6.92%	0.533%
54	13.686	1970	1972	1974	rBV	81500	63879	6.83%	0.526%
55	13.915	2006	2011	2019	rVB4	134966	301187	32.21%	2.479%
56	14.027	2028	2030	2031	rBV	114818	92645	9.91%	0.763%
57	14.051	2031	2034	2037	rVV	805583	696925	74.52%	5.736%
58	14.551	2116	2119	2121	rBV	204390	271224	29.00%	2.232%
59	15.168	2222	2224	2228	rVB	169123	164772	17.62%	1.356%
60	15.527	2282	2285	2299	rVB	523993	850046	90.89%	6.997%

Sum of corrected areas: 12149380

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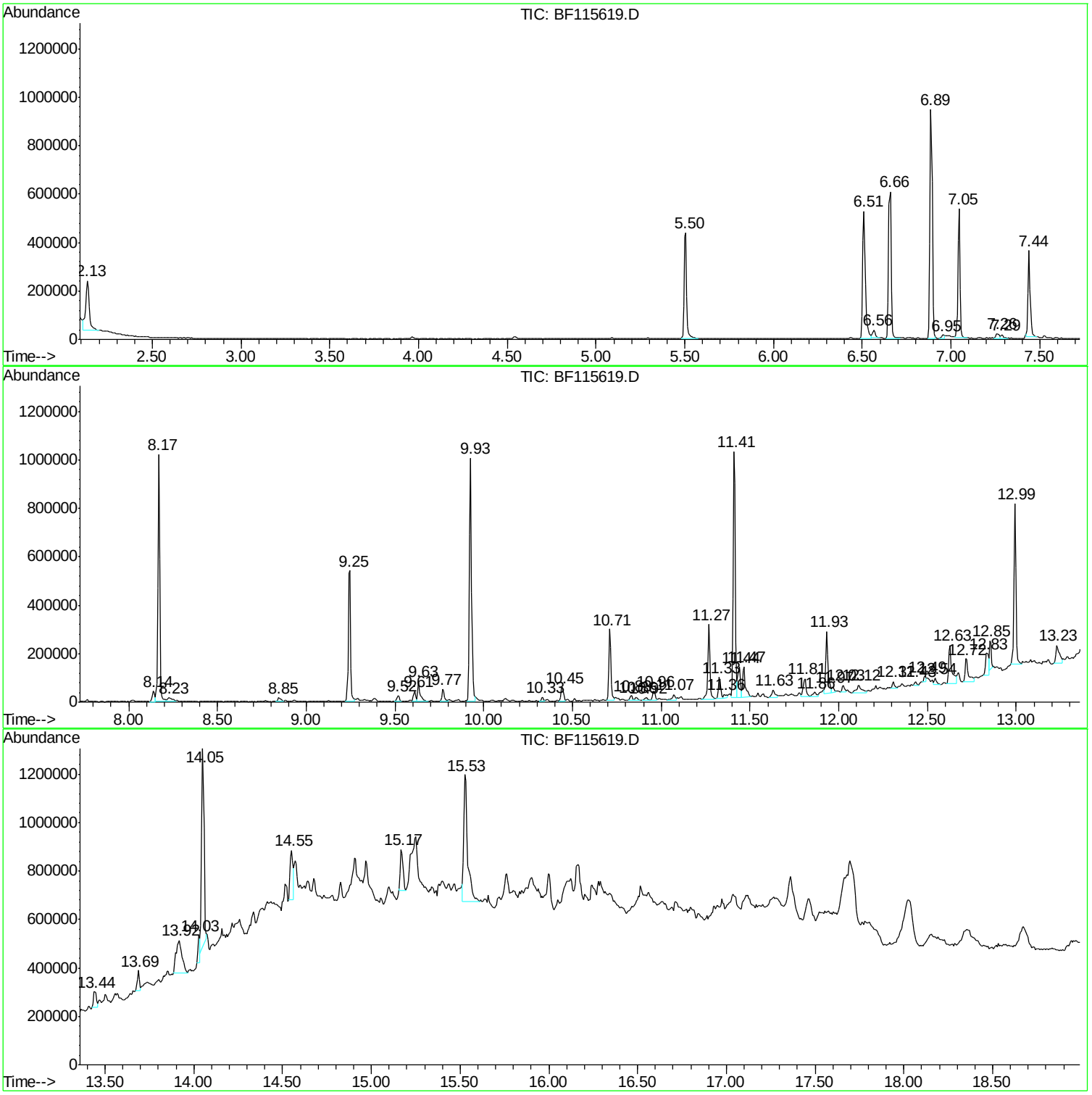
BNA_F
ClientSampleId :
S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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\BF071619\
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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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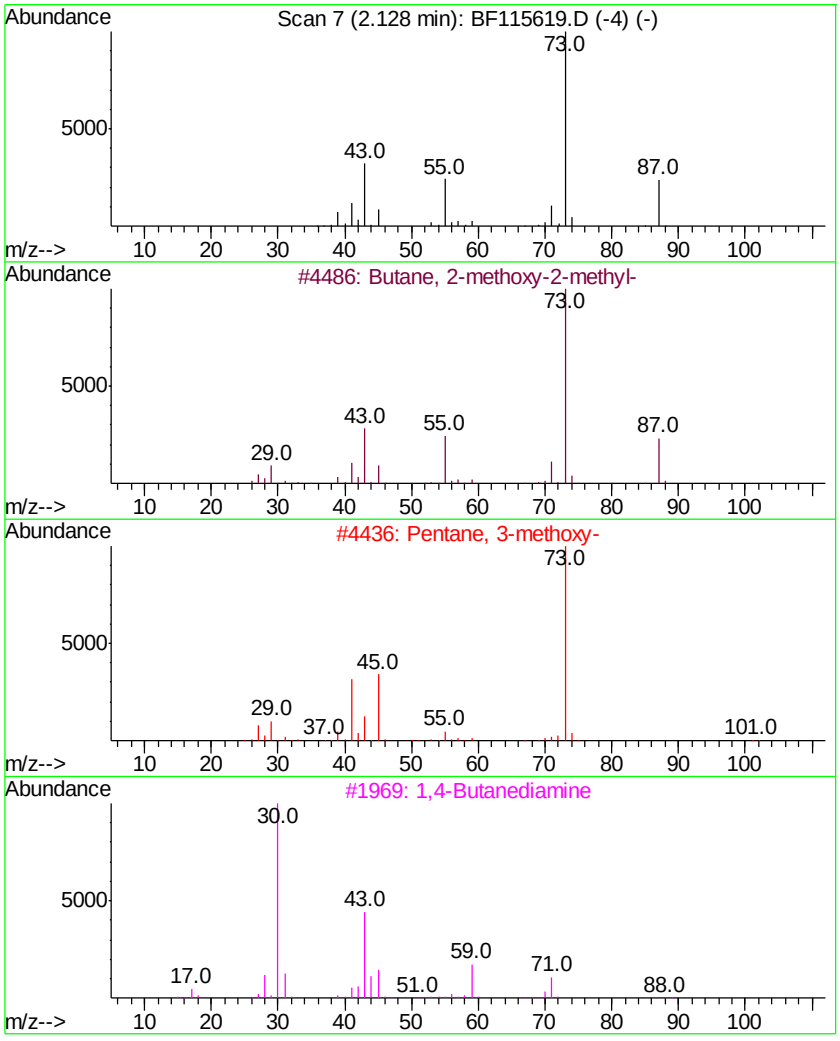
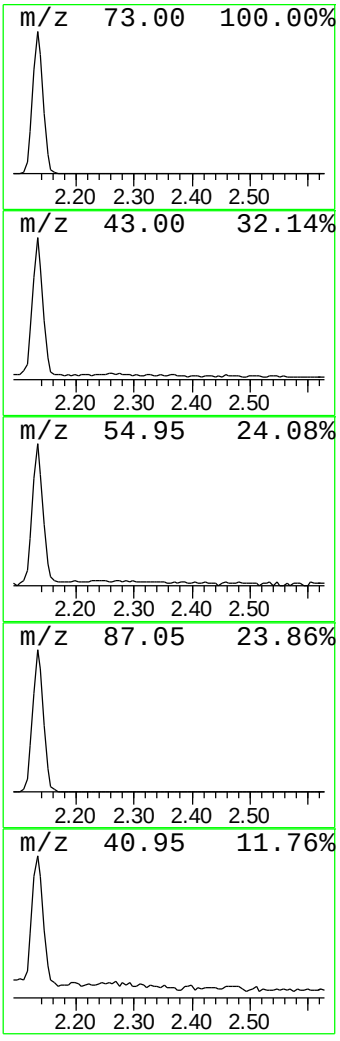
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	8.05 ng	310711	1,4-Dichlorobenzene-d4	6.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115619.D
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Misc :
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Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

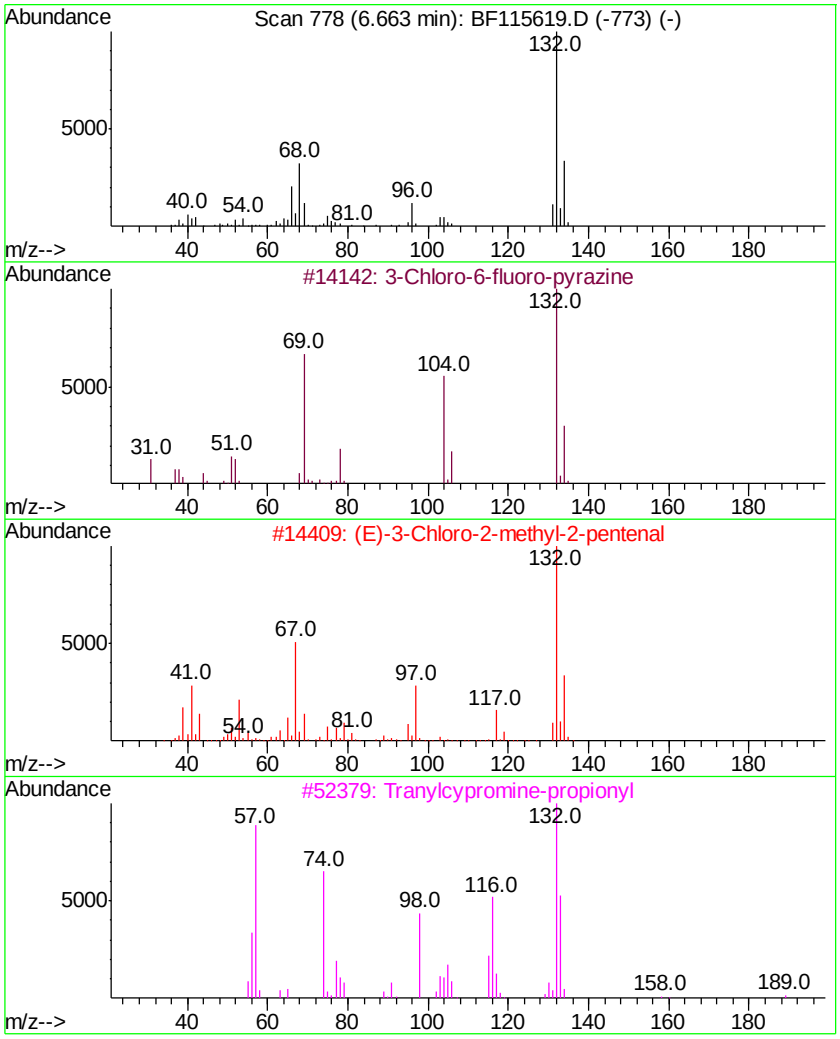
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

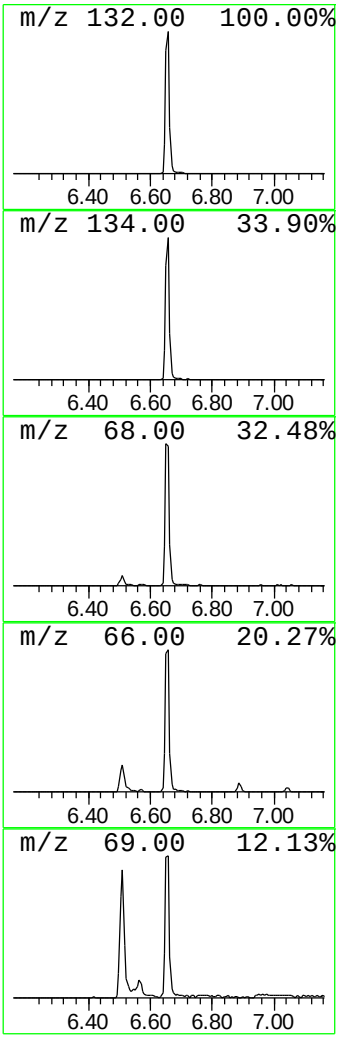
****

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	14.38 ng	555098	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	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	Xenon	132	Xe	007440-63-3	9
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	9





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
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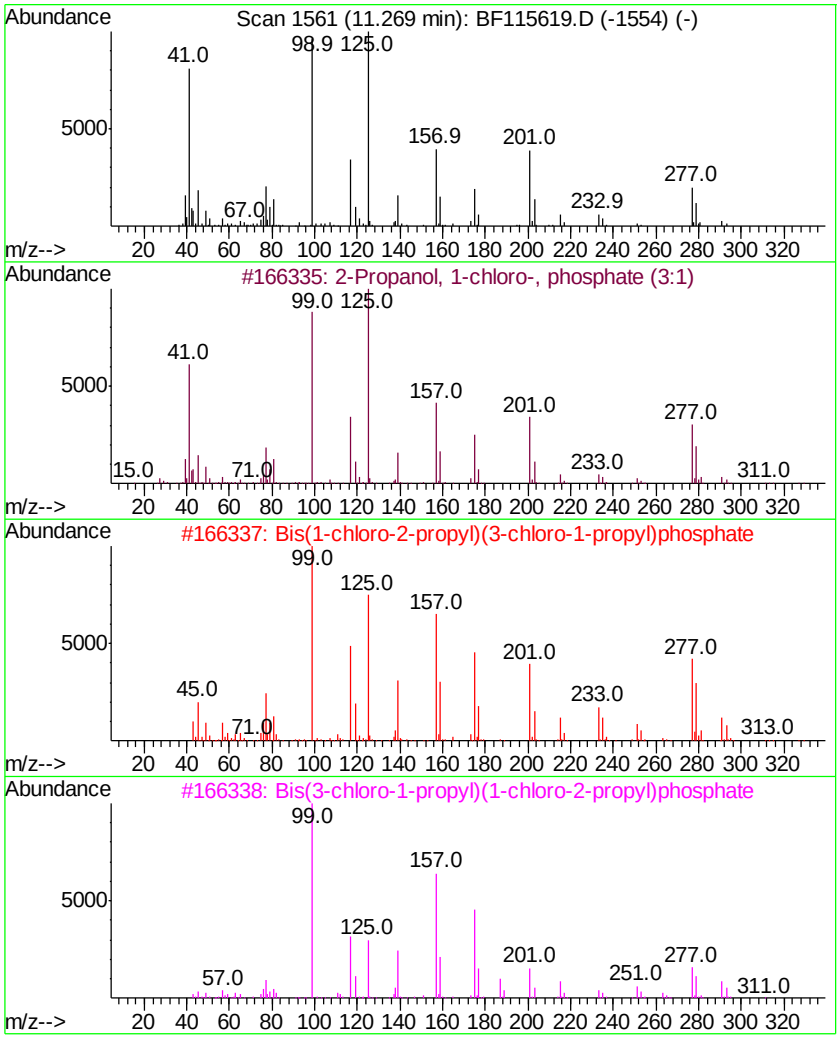
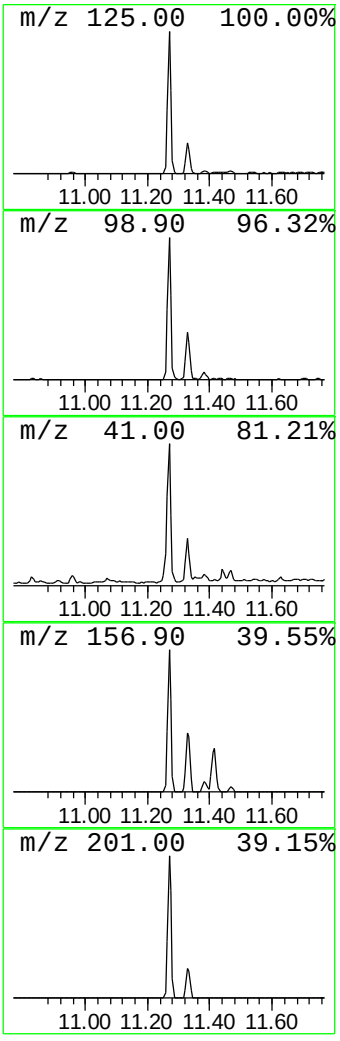
Peak Number 4 2-Propanol, 1-chloro-, phos... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	6.04 ng	282282	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	93
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	38
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	25
4	Sarin	140	C4H10FO2P	000107-44-8	23
5	Benzoic acid, 4-[[2-(1-piperazin...	277	C14H19N3O3	1000350-32-6	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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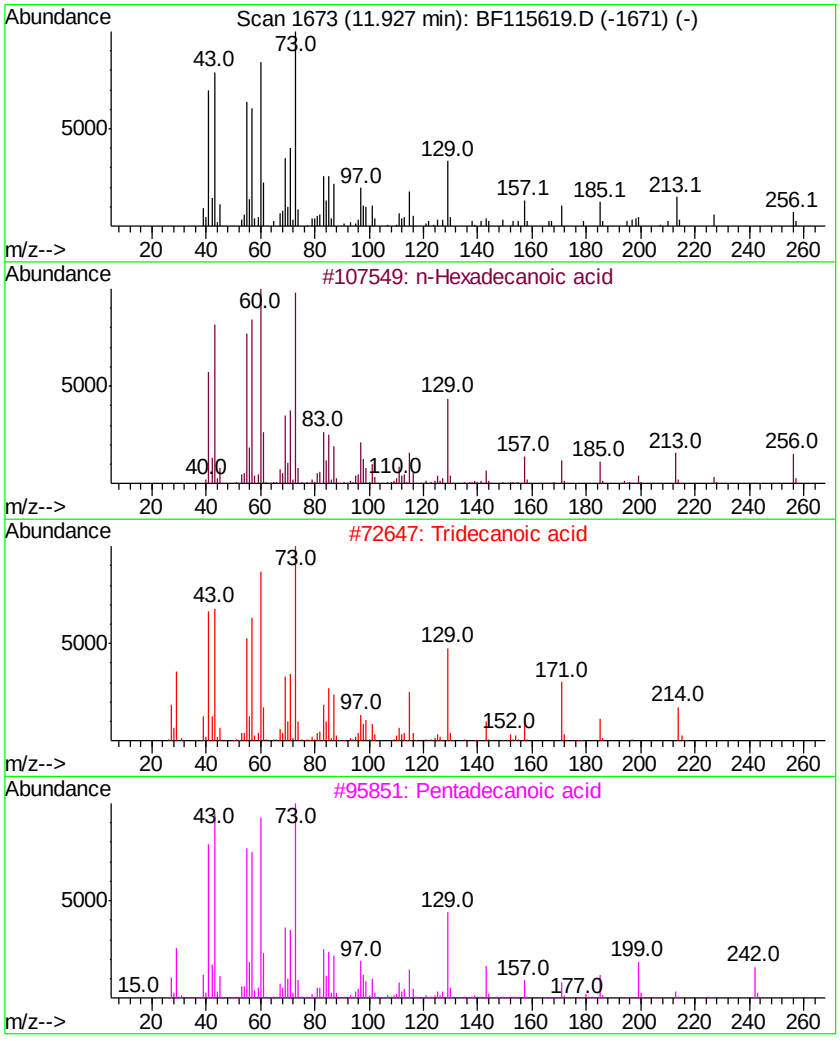
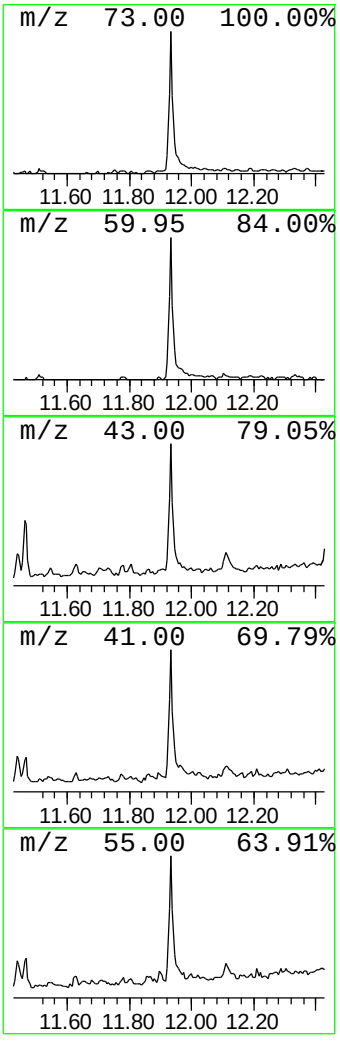
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	5.25 ng	245530	Phenanthrene-d10	11.41

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
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Acq On : 17 Jul 2019 1:04
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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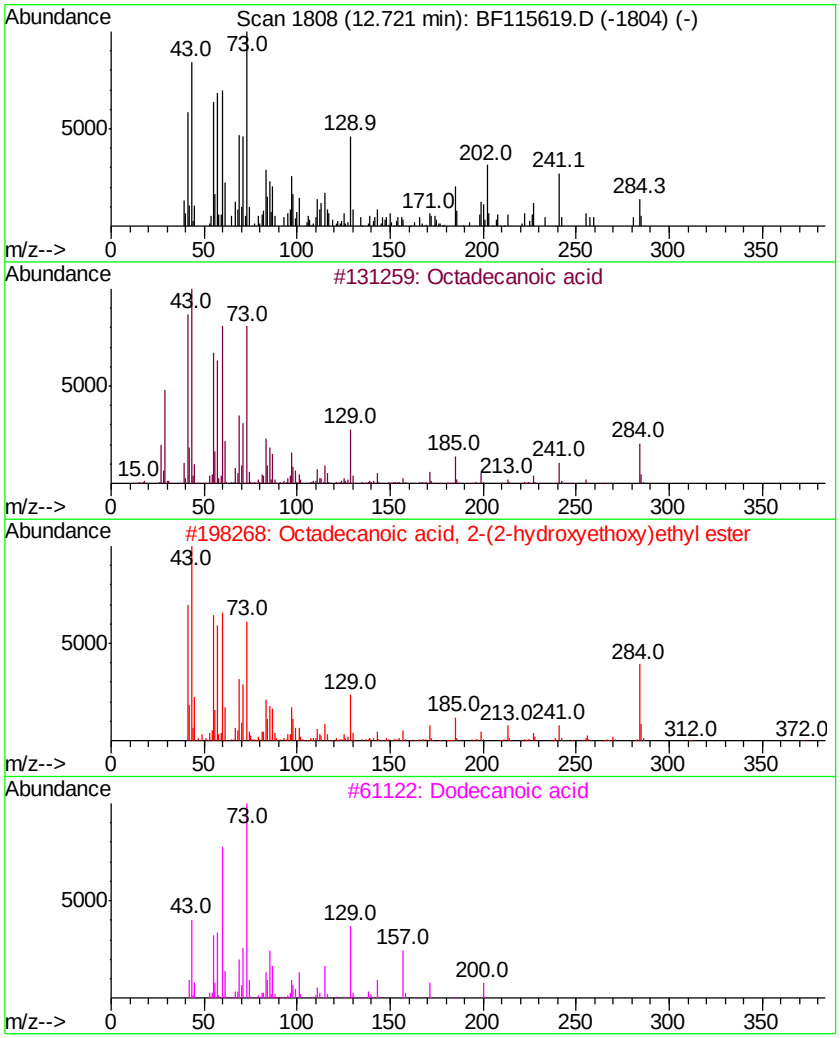
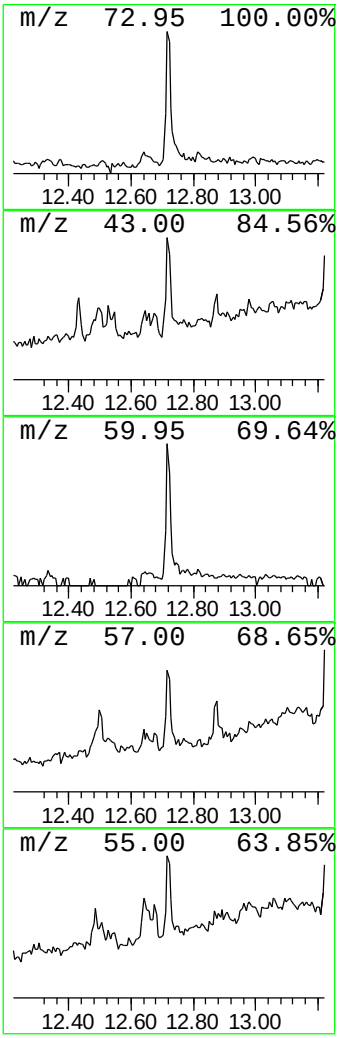
Peak Number 7 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	2.75 ng	128380	Phenanthrene-d10	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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

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

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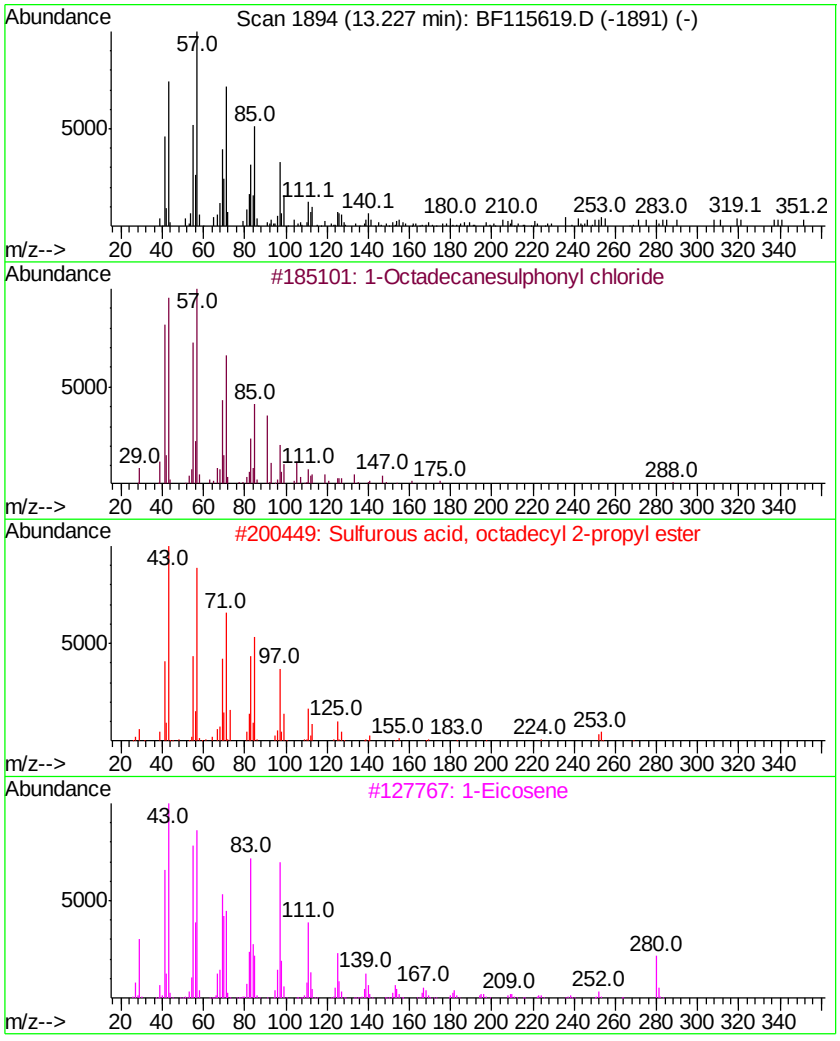
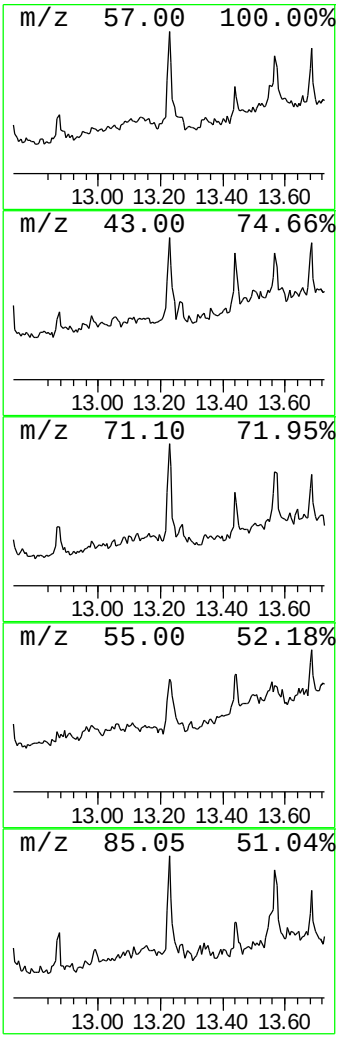
Peak Number 8 1-Octadecanesulphonyl chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.26 ng	113703	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	68
2	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	68
3	1-Eicosene	280	C20H40	003452-07-1	64
4	Hexadecane	226	C16H34	000544-76-3	60
5	Cyclononane, 1,1,4,4,7,7-hexamet...	210	C15H30	149331-19-1	60





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Data File : BF115619.D
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Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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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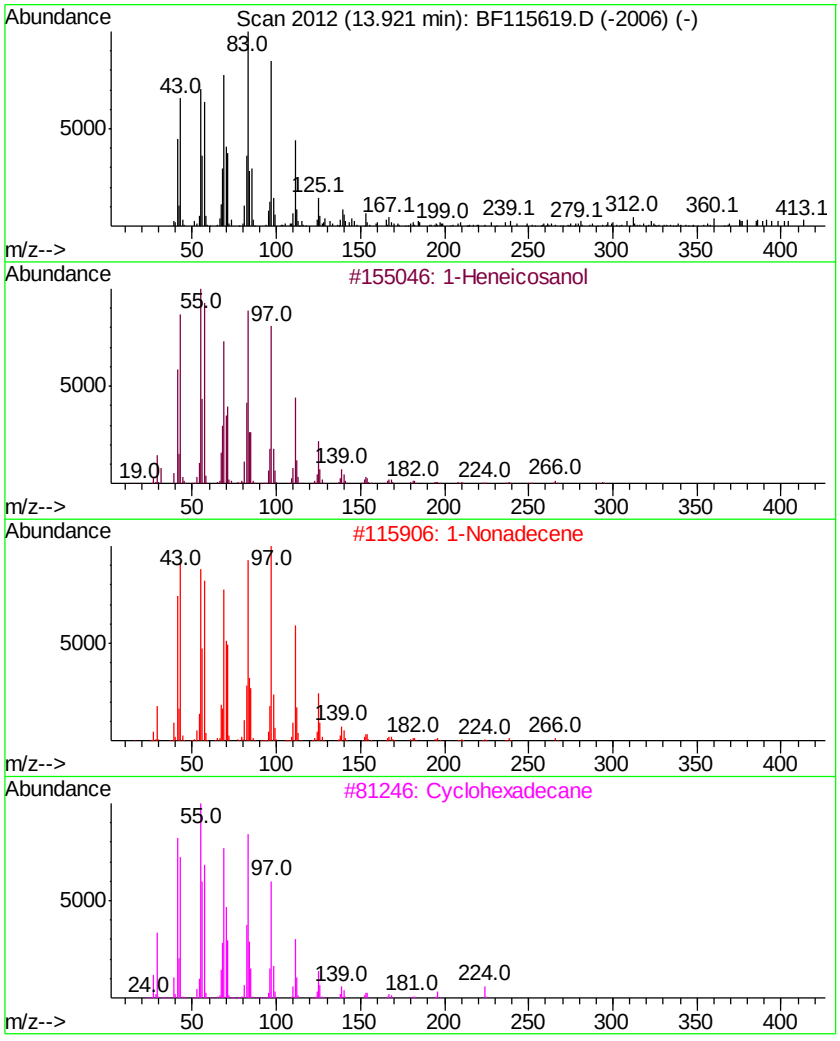
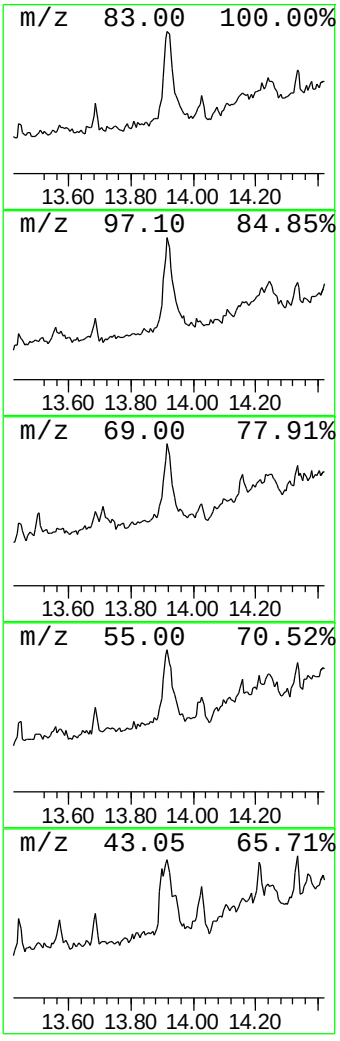
Peak Number 9 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	8.64 ng	301187	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Cyclohexadecane	224	C16H32	000295-65-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





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Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

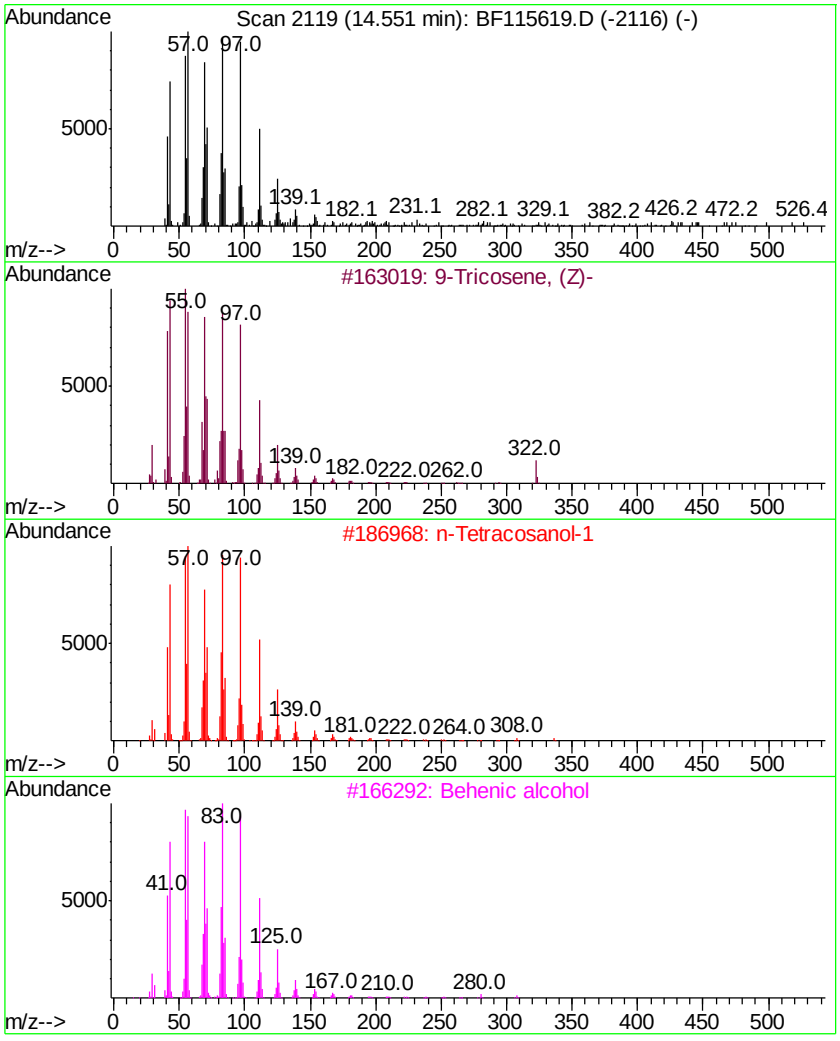
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

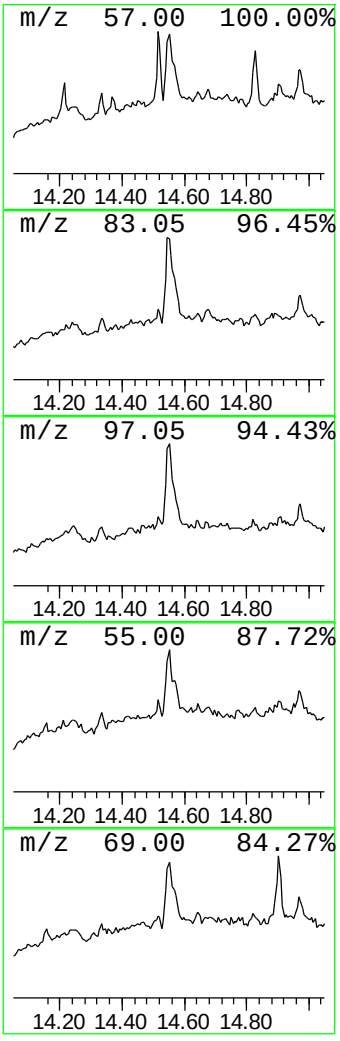
****

Peak Number 10 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	7.78 ng	271224	Chrysene-d12	14.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115619.D
Acq On : 17 Jul 2019 1:04
Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

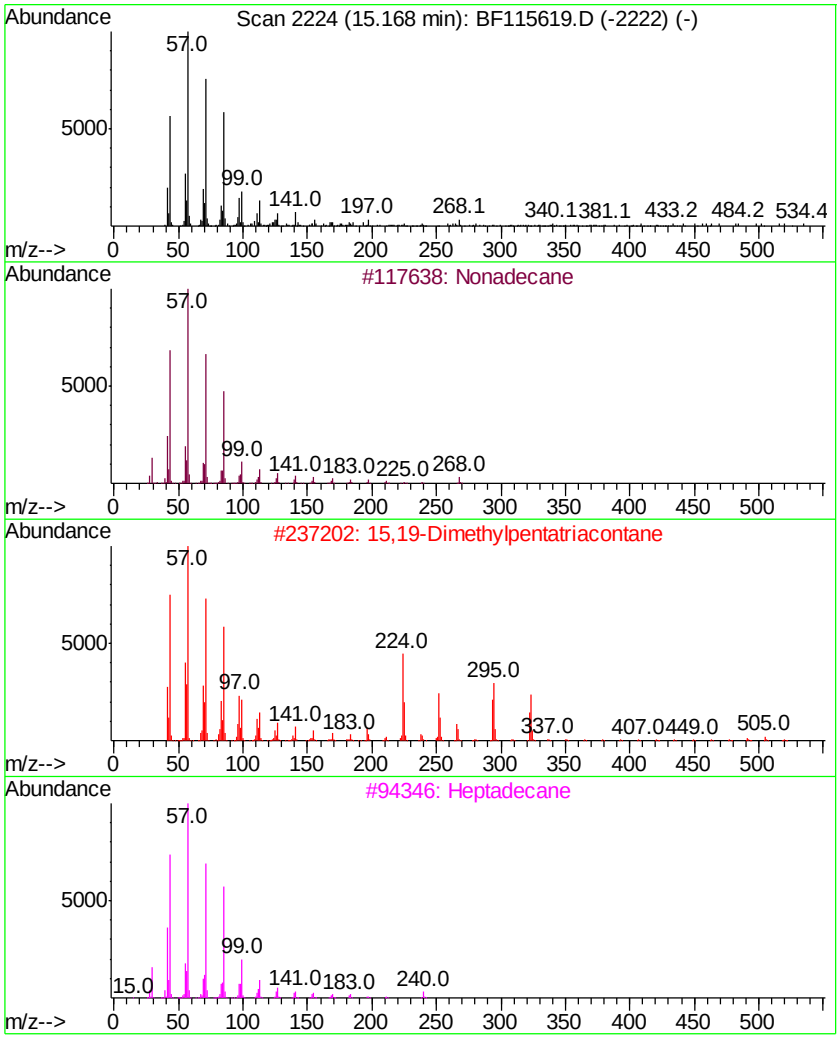
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

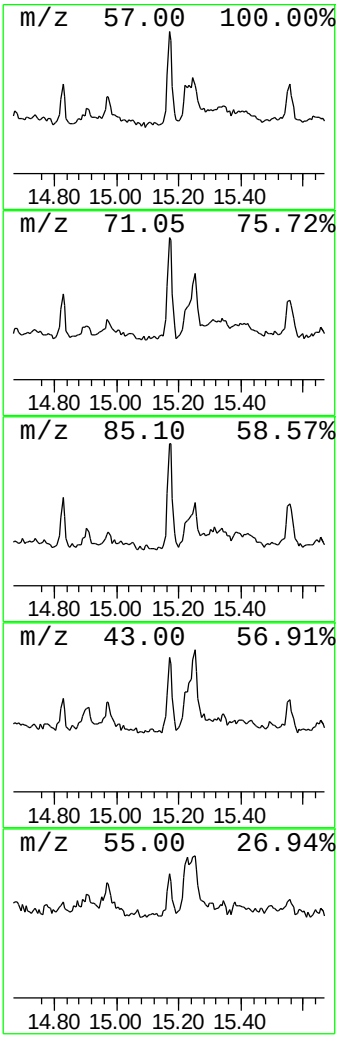
****

Peak Number 11 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	3.88 ng	164772	Perylene-d12	15.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	15,19-Dimethylpentatriacontane	521	C37H76	056987-86-1	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071619\
Data File : BF115619.D
Acq On : 17 Jul 2019 1:04
Operator : HP/JU
Sample : K3811-01 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-2(PLAY-AREA)-0-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.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...	2.13	8.1	ng	310711	1	6.89	771891	20.0
unknown6.66	6.66	14.4	ng	555098	1	6.89	771891	20.0
2-Propanol, 1-chl...	11.27	6.0	ng	282282	4	11.41	935208	20.0
n-Hexadecanoic acid	11.93	5.3	ng	245530	4	11.41	935208	20.0
Octadecanoic acid	12.72	2.8	ng	128380	4	11.41	935208	20.0
1-Octadecanesulph...	13.23	3.3	ng	113703	5	14.05	696925	20.0
1-Heneicosanol	13.92	8.6	ng	301187	5	14.05	696925	20.0
9-Tricosene, (Z)-	14.55	7.8	ng	271224	5	14.05	696925	20.0
Nonadecane	15.17	3.9	ng	164772	6	15.53	850046	20.0