LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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-BF022719.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	5.357	551	556	559	rBV	3976888	4047496	94.53%	9.163%
2	6.381	724	730	733	rBV	3843763	4281858	100.00%	9.694%
3	6.516	748	753	756	rBV	4076277	4272754	99.79%	9.673%
4	6.745	788	792	795	rBV	1454961	1299654	30.35%	2.942%
5	6.898	814	818	822	rBV	3413434	3221046	75.23%	7.292%
6	7.304	881	887	890	rBV	2542977	2662821	62.19%	6.028%
7	7.392	899	902	915	rVB3	25616	45853	1.07%	0.104%
8	8.022	1005	1009	1017	rBV	1649298	1623531	37.92%	3.676%
9	9.098	1187	1192	1206	rBV	4408365	4253226	99.33%	9.629%
10	9.439	1243	1250	1252	rBV3	37372	53340	1.25%	0.121%
11	9.492	1255	1259	1265	rVB	299694	293189	6.85%	0.664%
12	9.775	1301	1307	1310	rBV	1748025	1666042	38.91%	3.772%
13	9.804	1310	1312	1320	rVB	122150	113380	2.65%	0.257%
14	9.975	1338	1341	1345	rVB	100821	91015	2.13%	0.206%
15	10.316	1396	1399	1401	rBV	155795	127609	2.98%	0.289%
16	10.345	1401	1404	1407	rVB	90225	77344	1.81%	0.175%
17	10.557	1435	1440	1451	rVB	2654375	2574171	60.12%	5.828%
18	10.692	1459	1463	1469	rVB2	113373	127153	2.97%	0.288%
19	10.745	1469	1472	1474	rBV	195038	164755	3.85%	0.373%
20	10.775	1474	1477	1481	rVV2	192713	236189	5.52%	0.535%
21	10.810	1481	1483	1485	rVV	211971	174770	4.08%	0.396%
22	10.833	1485	1487	1490	rVV	134054	111299	2.60%	0.252%
23	10.875	1490	1494	1495	rVV2	82303	118901	2.78%	0.269%
24	10.892	1495	1497	1499	rVV	92624	77250	1.80%	0.175%
25	10.922	1499	1502	1505	rVV3	194907	218564	5.10%	0.495%
26	10.957	1505	1508	1511	rVV	198108	199336	4.66%	0.451%
27	10.998	1513	1515	1519	rVV	125789	118282	2.76%	0.268%
28	11.057	1522	1525	1530	rVB	133273	122609	2.86%	0.278%
29	11.139	1536	1539	1542	rBV3	47253	57313	1.34%	0.130%
30	11.251	1554	1558	1560	rBV	1583569	1425897	33.30%	3.228%
31	11.269	1560	1561	1565	rVV	421359	338502	7.91%	0.766%
32	11.322	1565	1570	1573	rVB3	63419	79218	1.85%	0.179%
33	11.786	1645	1649	1653	rBV2	456560	444217	10.37%	1.006%
34	11.863	1659	1662	1664	rBV	72860	68642	1.60%	0.155%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.451	1759	1762	1767	rBV	289203	289245	6.76%	0.655%
36	12.569	1778	1782	1792	rBV2	207700	240790	5.62%	0.545%
37	12.680	1795	1801	1803	rVV	215537	252849	5.91%	0.572%
38	12.710	1803	1806	1817	rVB	168389	223186	5.21%	0.505%
39	12.833	1822	1827	1830	rVB	2982415	2898936	67.70%	6.563%
40	13.010	1854	1857	1861	rVB	49522	43410	1.01%	0.098%
41	13.074	1865	1868	1871	rVB	57187	48101	1.12%	0.109%
42	13.316	1906	1909	1916	rVB2	48806	69611	1.63%	0.158%
43	13.380	1917	1920	1924	rVV2	39186	43959	1.03%	0.100%
44	13.504	1936	1941	1943	rBV4	31473	44400	1.04%	0.101%
45	13.733	1976	1980	1984	rBV	229702	275923	6.44%	0.625%
46	13.874	1999	2004	2007	rBV	1483837	1400158	32.70%	3.170%
47	14.063	2032	2036	2038	rBV	65650	67014	1.57%	0.152%
48	14.221	2059	2063	2066	rBV4	34745	49234	1.15%	0.111%
49	14.257	2066	2069	2073	rVB2	44821	45112	1.05%	0.102%
50	14.363	2083	2087	2092	rBV	175065	200841	4.69%	0.455%
51	14.516	2110	2113	2117	rBV	134155	201726	4.71%	0.457%
52	14.657	2135	2137	2143	rVB	137653	150529	3.52%	0.341%
53	14.733	2147	2150	2153	rVB	63129	60792	1.42%	0.138%
54	14.792	2158	2160	2164	rBV4	41721	49915	1.17%	0.113%
55	14.880	2172	2175	2178	rBV	53846	80133	1.87%	0.181%
56	14.980	2188	2192	2202	rBV	359418	506382	11.83%	1.146%
57	15.286	2239	2244	2248	rBV	1097431	1316740	30.75%	2.981%
58	15.339	2249	2253	2256	rVB	139139	184947	4.32%	0.419%
59	15.745	2317	2322	2326	rBV	267838	377722	8.82%	0.855%
60	15.786	2326	2329	2338	rVB4	82458	143913	3.36%	0.326%
61	16.215	2398	2402	2409	rBV	71010	118875	2.78%	0.269%

Sum of corrected areas: 44171669

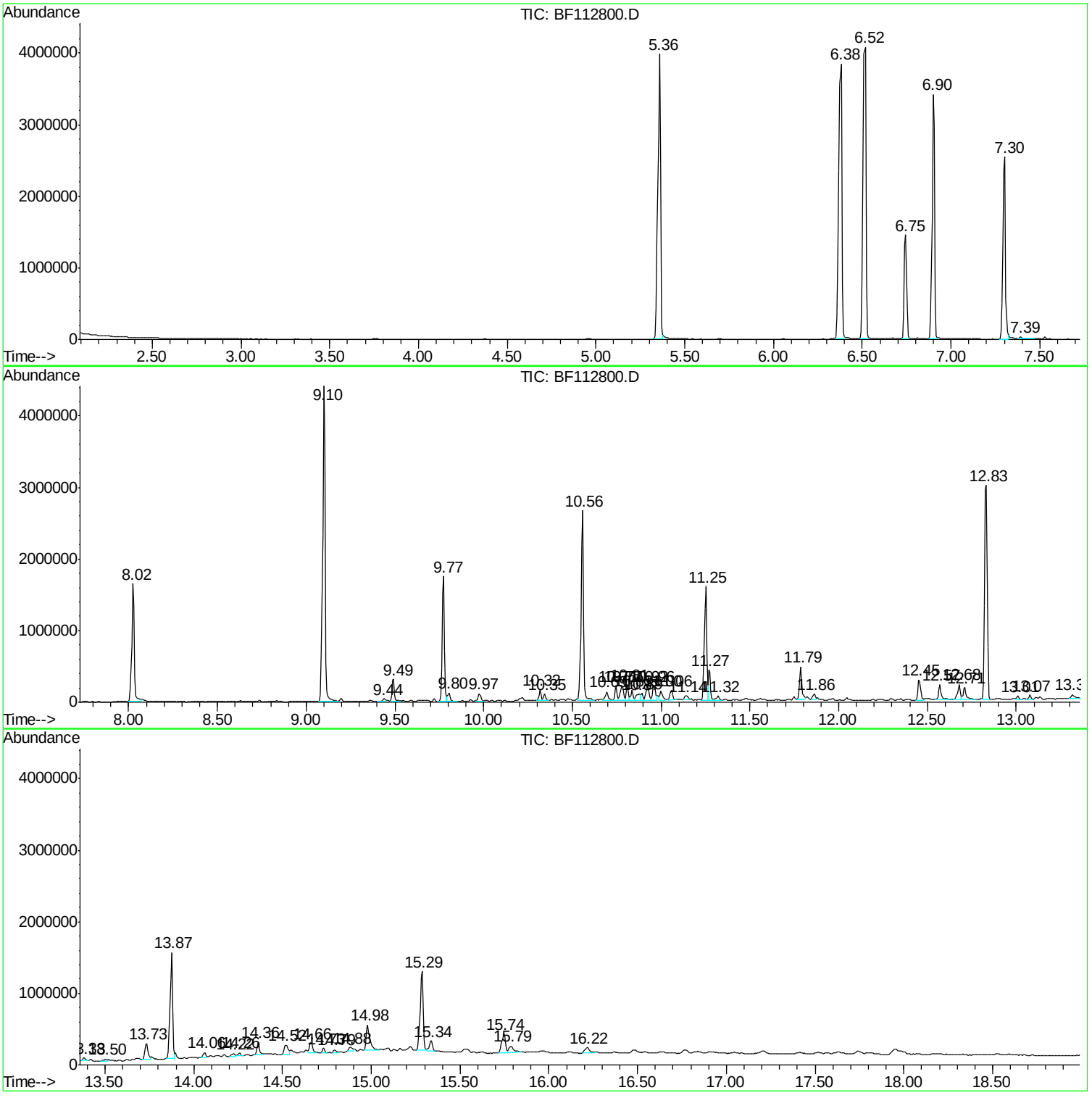
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

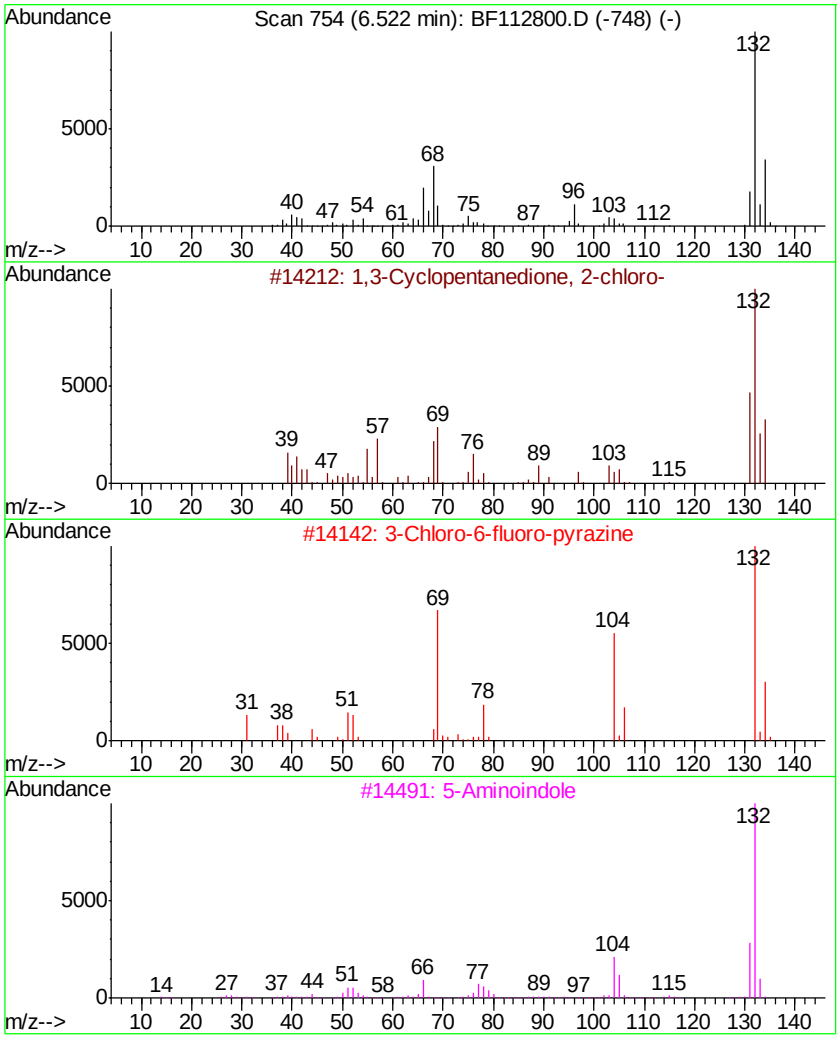
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

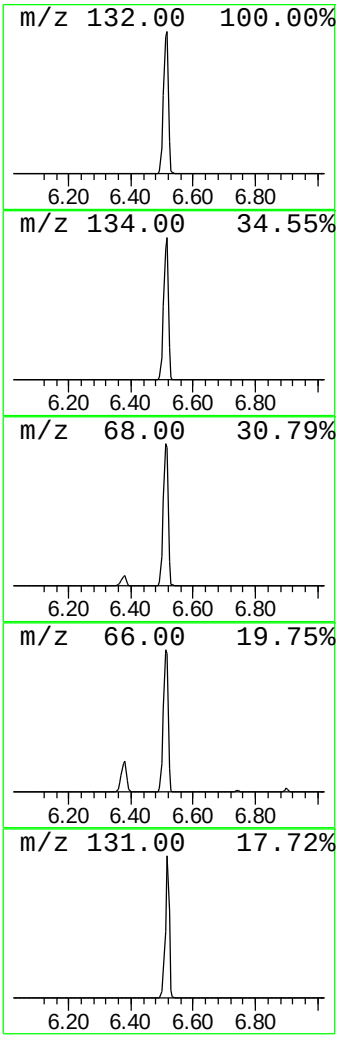
****

Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	65.75 ng	4272750	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	47
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

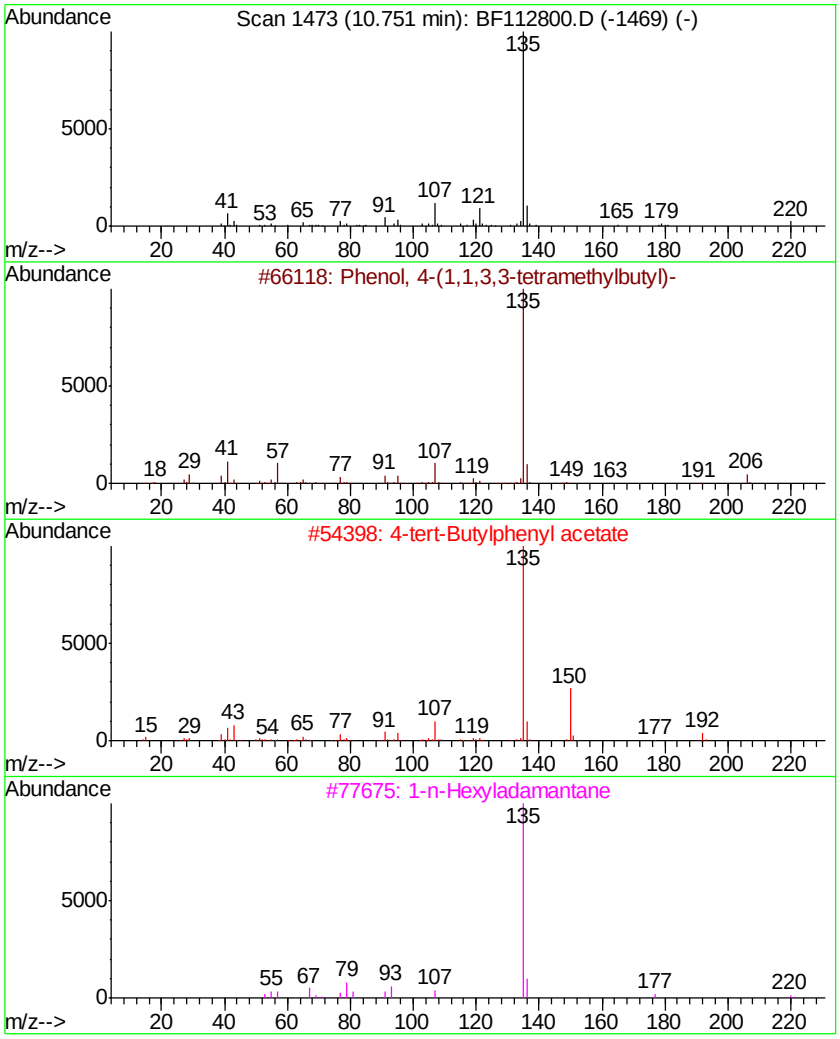
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

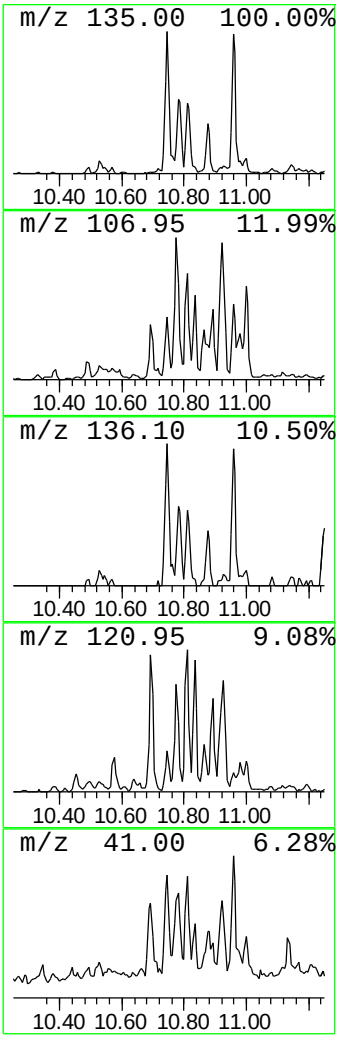
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.31 ng	164755	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	1-n-Hexyladamantane	220	C16H28	022458-75-9	64
4	1-Adamantanecarboxylic acid, 3,4...	324	C17H18Cl2O2	1000307-66-4	59
5	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	56





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

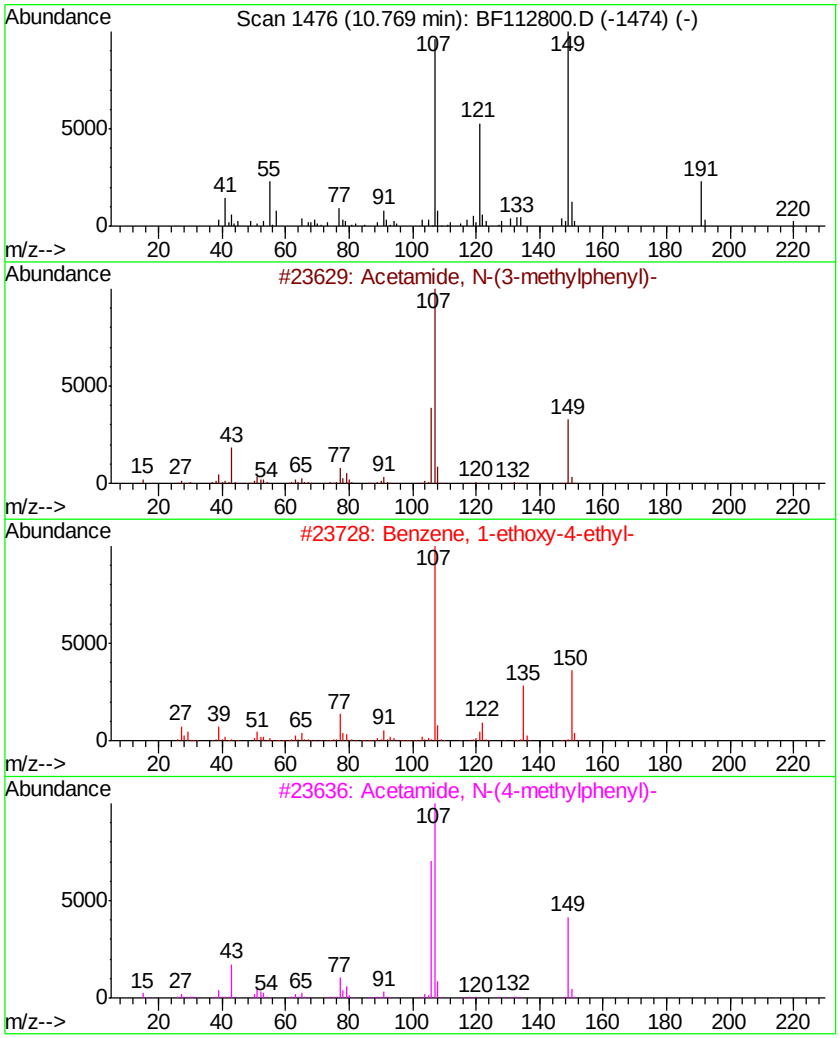
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

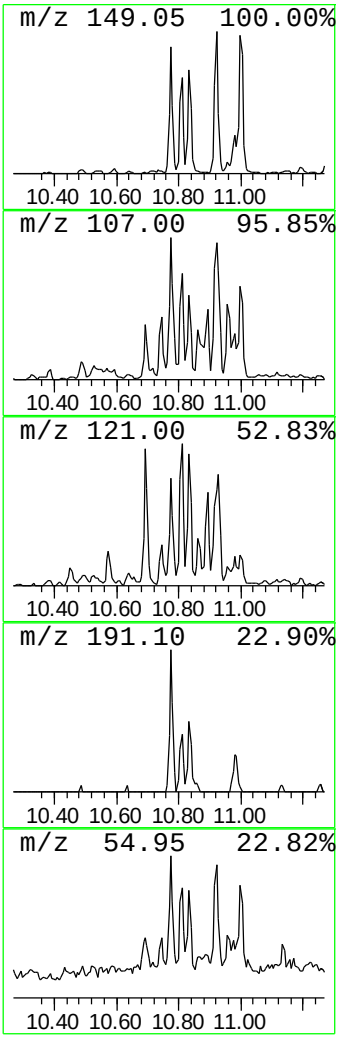
****

Peak Number 4 Acetamide, N-(3-methylphenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.31 ng	236189	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	Benzene, 1-ethoxy-4-ethyl-	150	C10H14O	001585-06-4	46
3	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	43
4	Butanamide, N-(2-methylphenyl)-3...	191	C11H13NO2	000093-68-5	38
5	3,4-Dihydro-4,4-dimethylthiocoum...	192	C11H12OS	091587-25-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

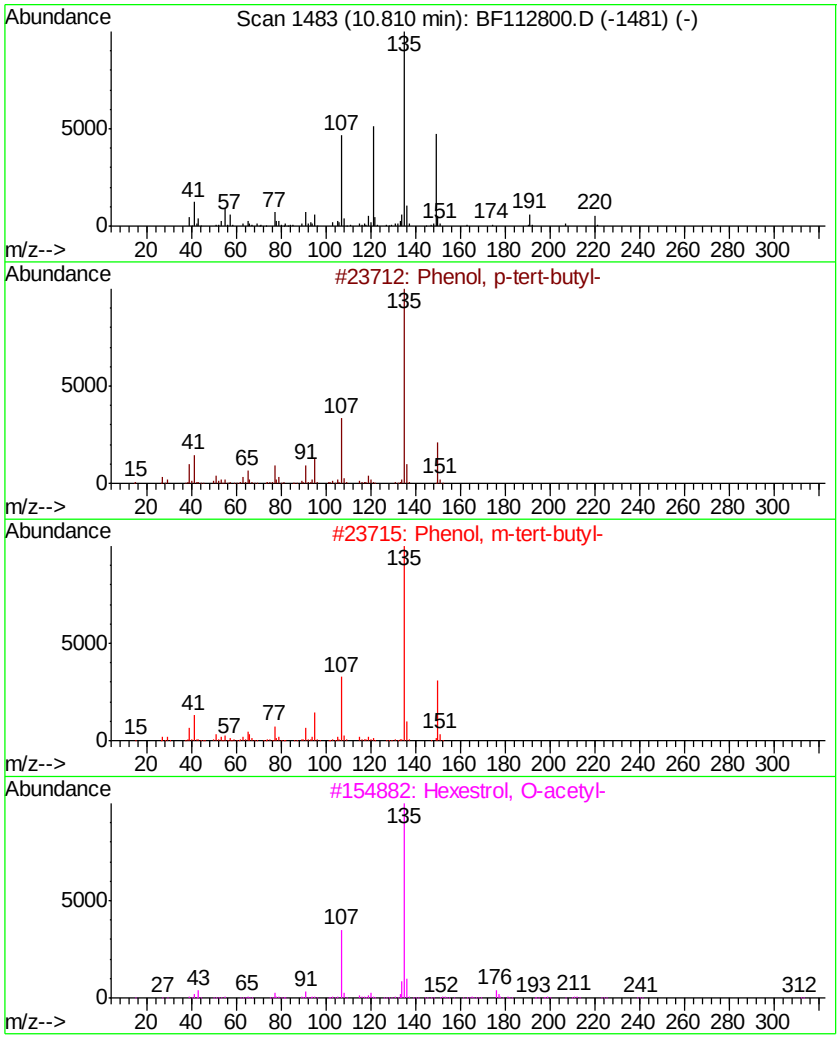
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

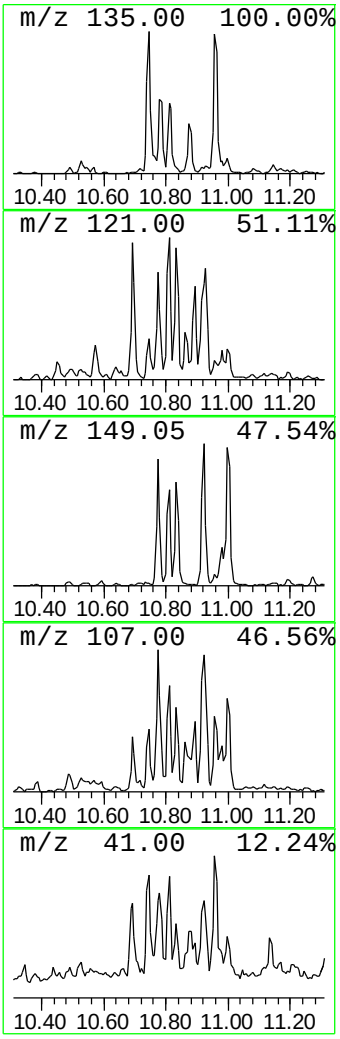
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenol, p-tert-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	2.45 ng	174770	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	52
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
3	Hexestrol, O-acetyl-	312	C20H24O3	1000374-87-8	47
4	Hexestrol	270	C18H22O2	005635-50-7	47
5	Hexestrol, O-trifluoroacetyl-	366	C20H21F3O3	1000365-31-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

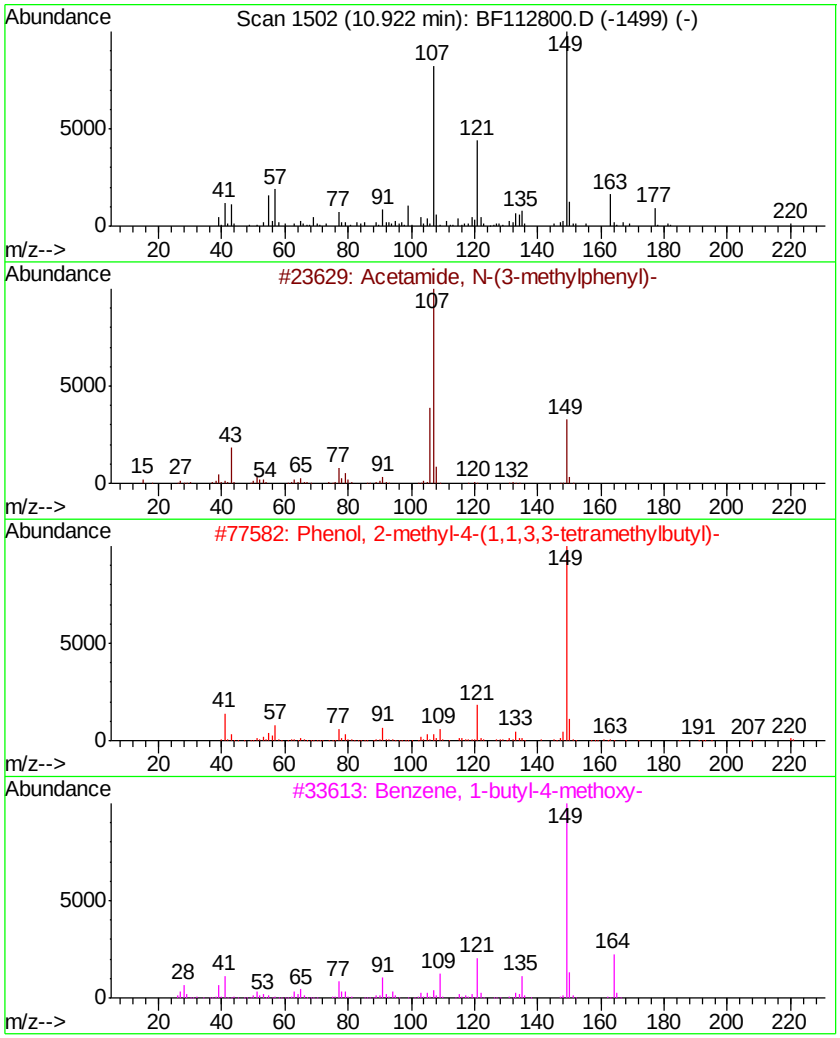
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

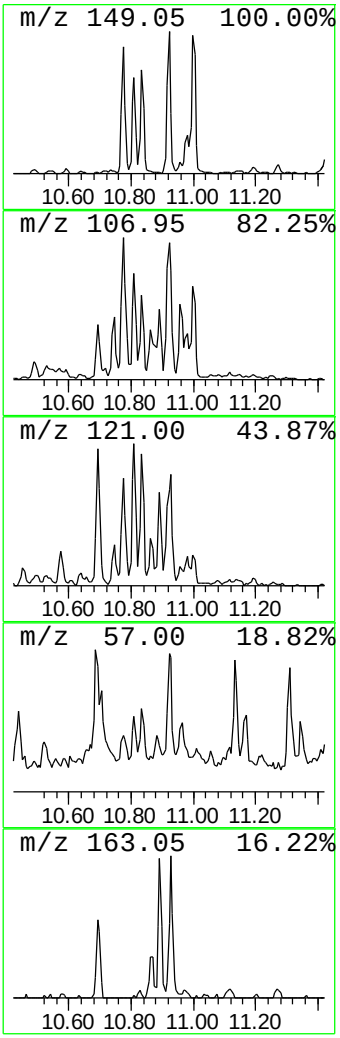
****

Peak Number 6 unknown10.92 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	3.07 ng	218564	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	64
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	43
3	Benzene, 1-butyl-4-methoxy-	164	C11H16O	018272-84-9	38
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	35
5	4-Isopropoxy-4-phenylbutyronitrile	203	C13H17NO	1000370-35-3	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

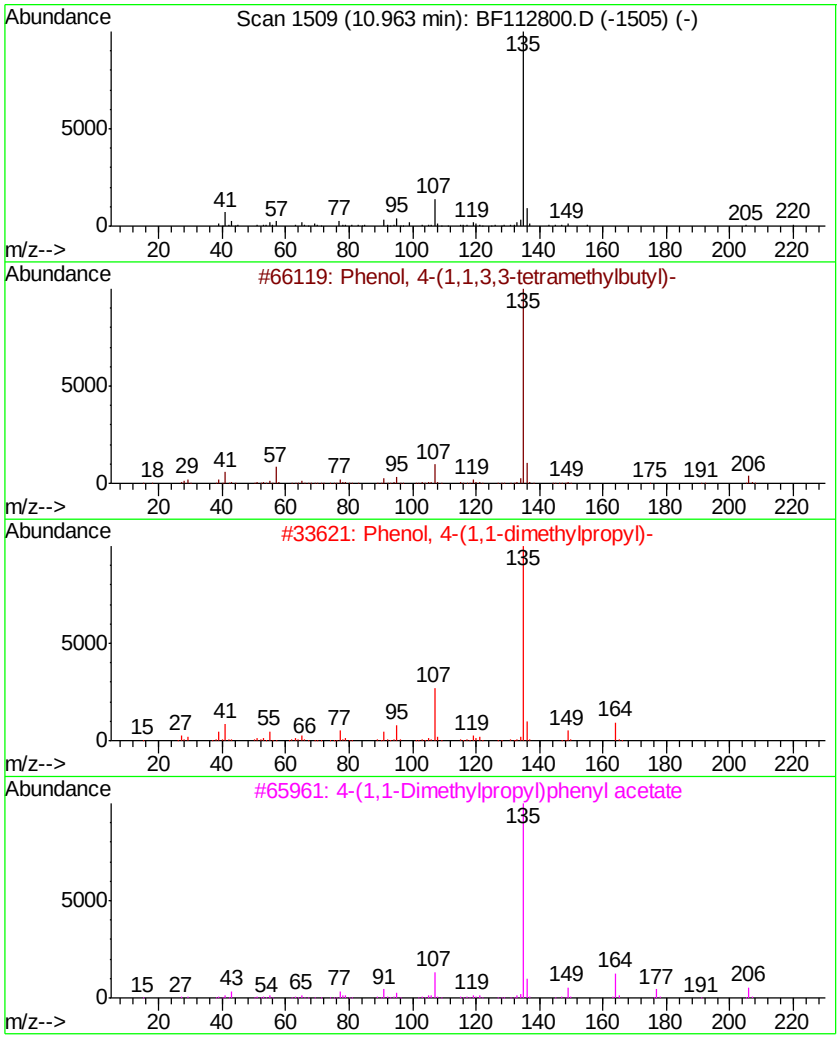
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

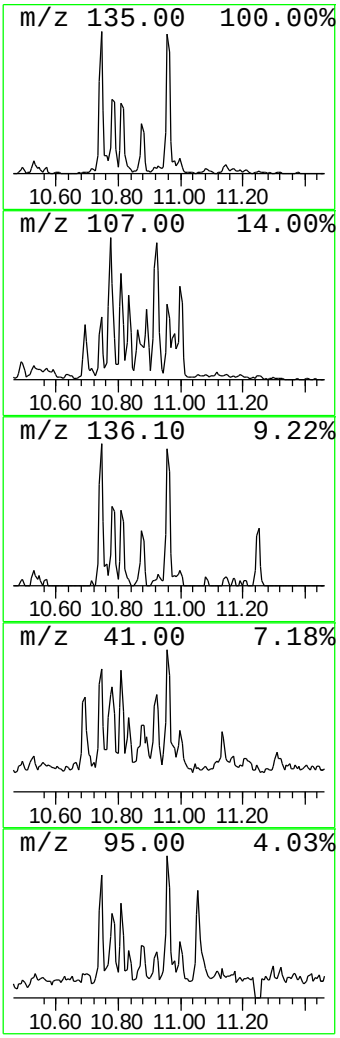
****

Peak Number 7 Phenol, 4-(1,1-dimethylprop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	2.80 ng	199336	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
3	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
4	Phenol, 2-methyl-5-(1-methylethyl)-	150	C10H14O	000499-75-2	72
5	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

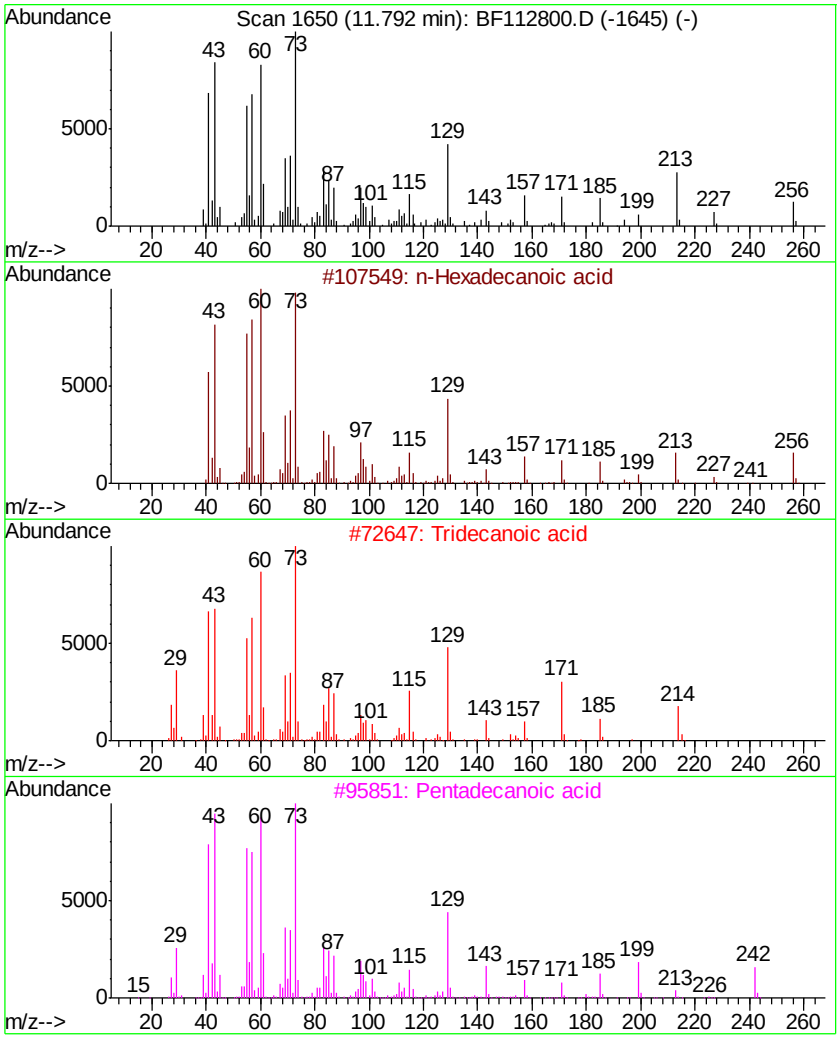
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

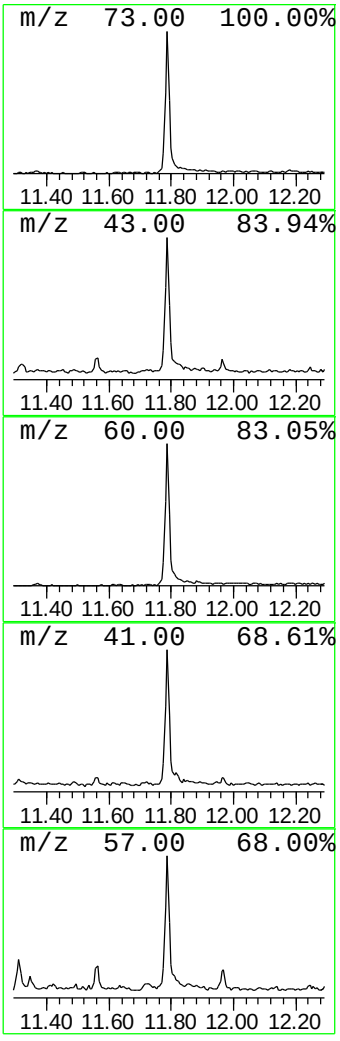
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	6.23 ng	444217	Phenanthrene-d10	11.25

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	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

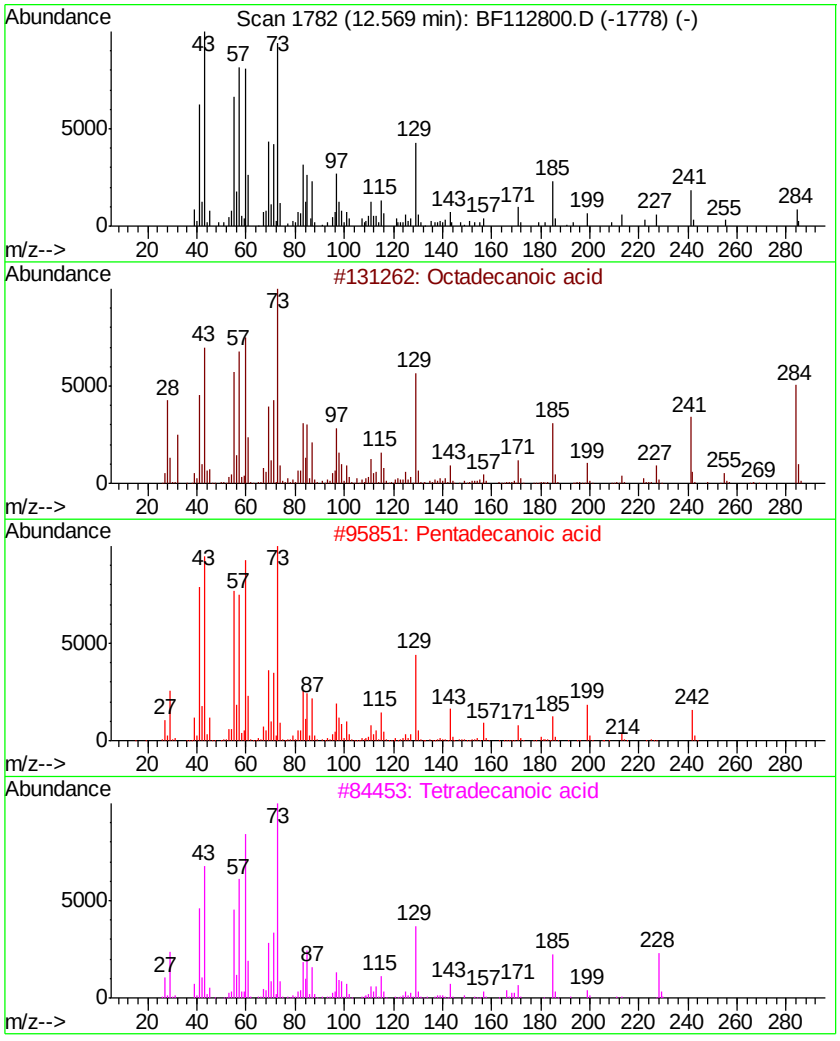
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

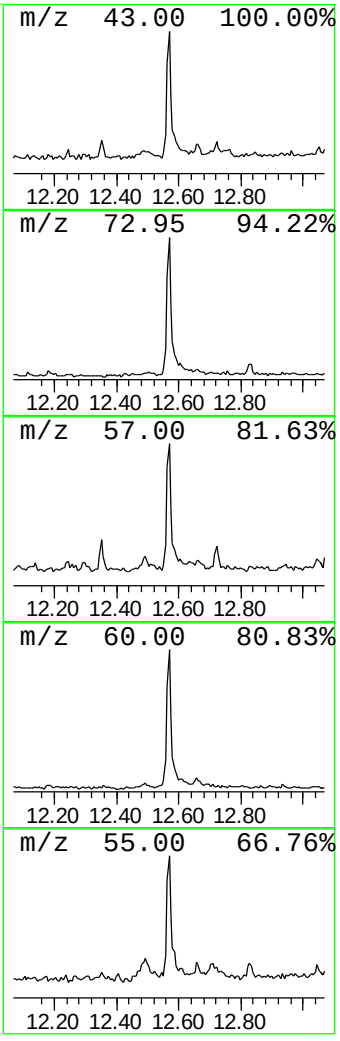
****

Peak Number 9 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	3.44 ng	240790	Chrysene-d12	13.87

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

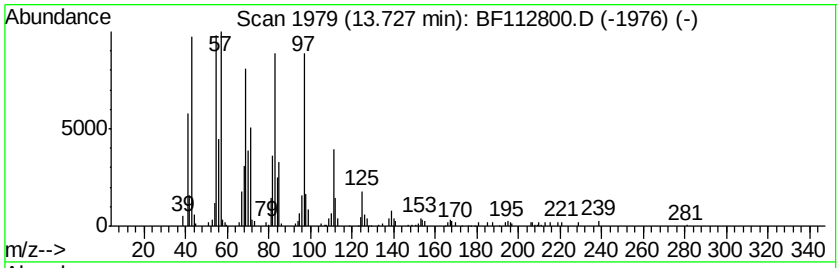
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

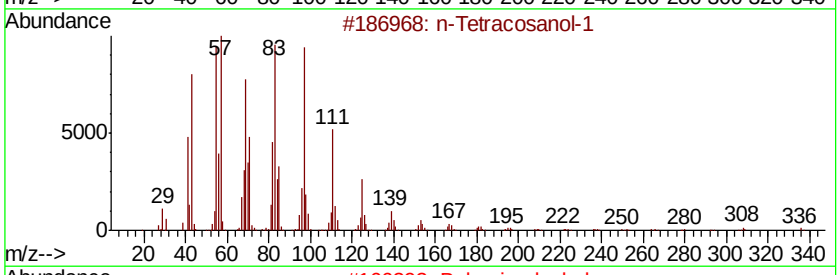
****

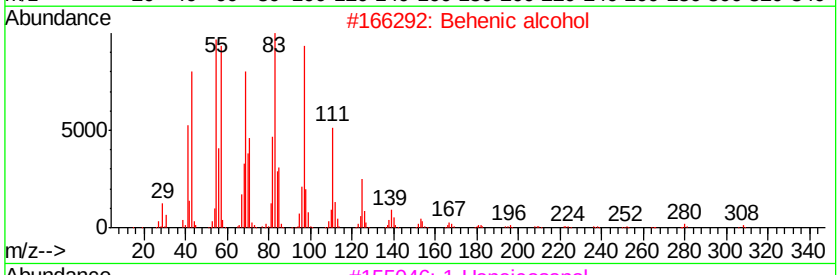
Peak Number 10 n-Tetracosanol-1 Concentration Rank 6

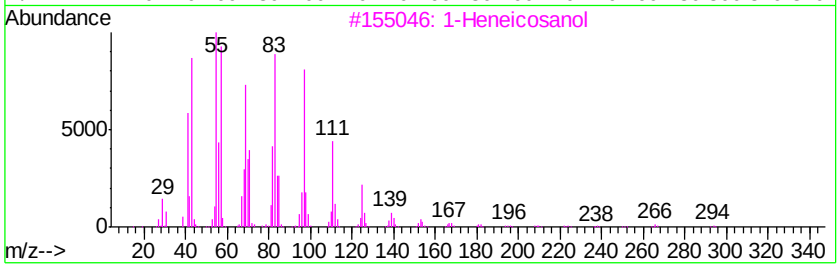
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.94 ng	275923	Chrysene-d12	13.87

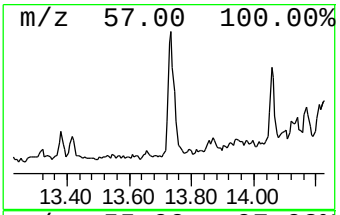
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
5	1-Heptacosanol	396	C27H56O	002004-39-9	93

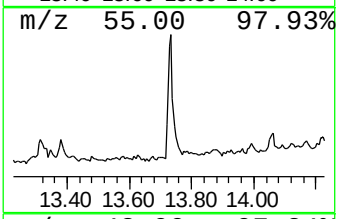


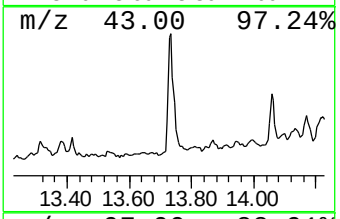


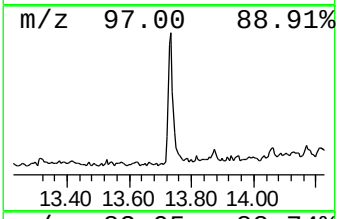


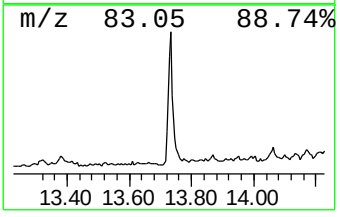












Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

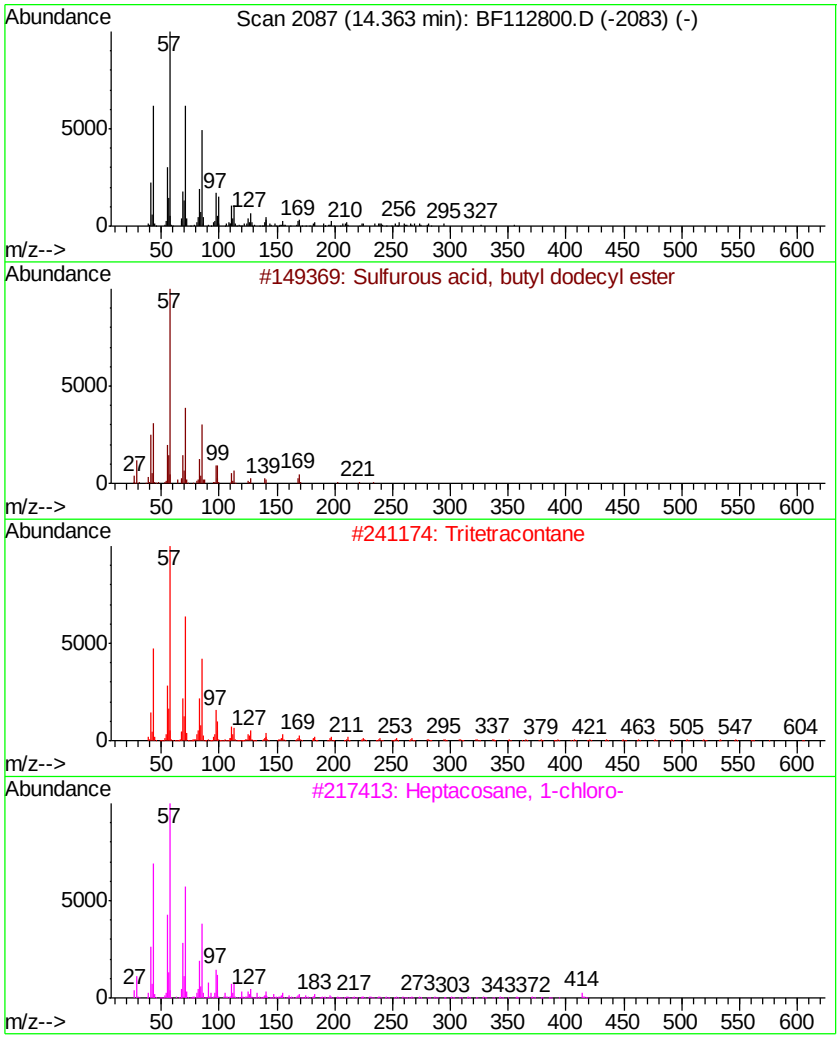
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

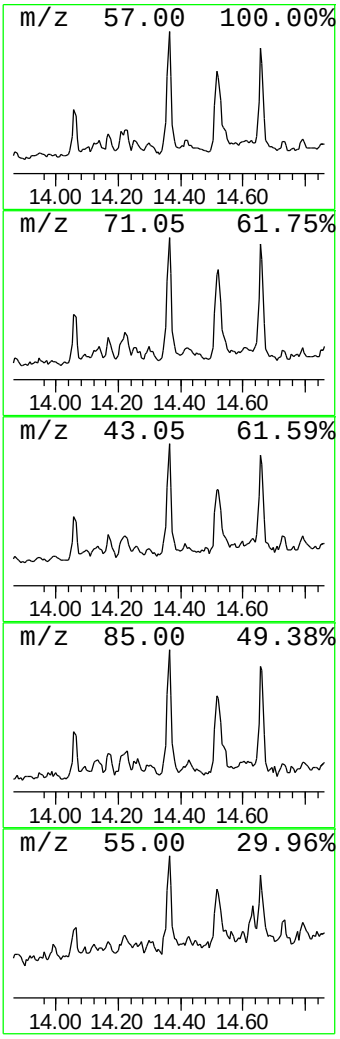
****

Peak Number 11 Sulfurous acid, butyl dodec... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	2.87 ng	200841	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	91
2	Tritetracontane	605	C43H88	007098-21-7	91
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

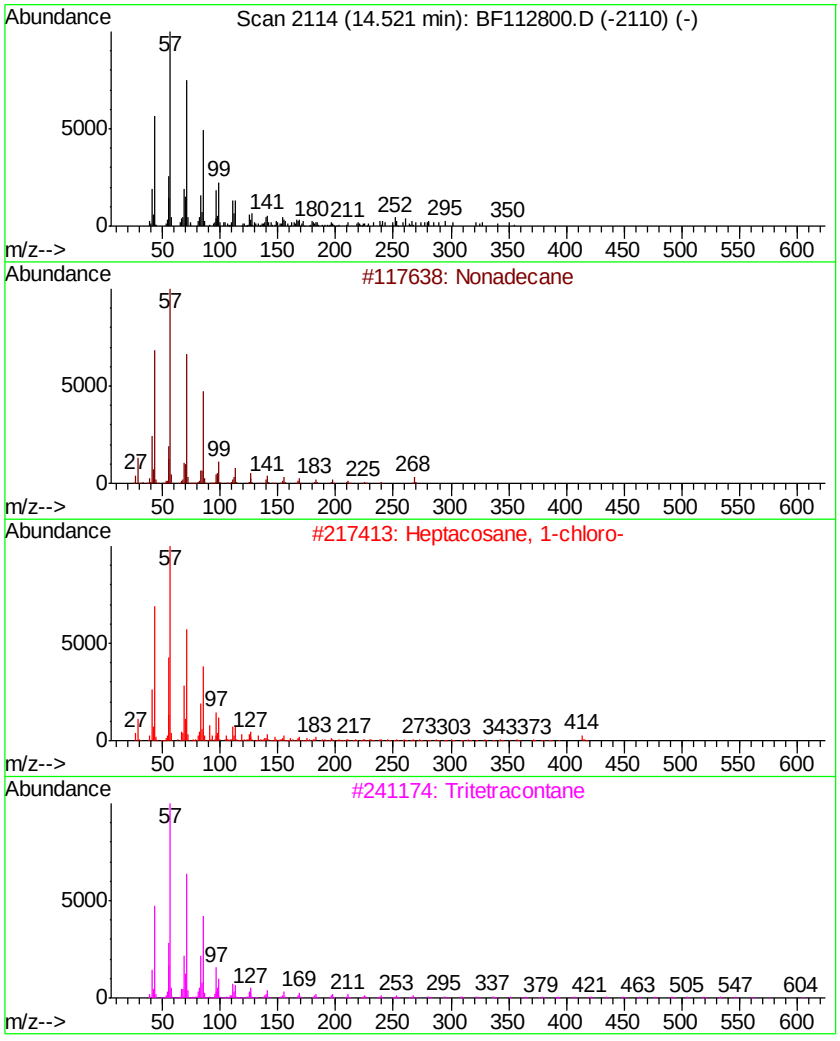
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

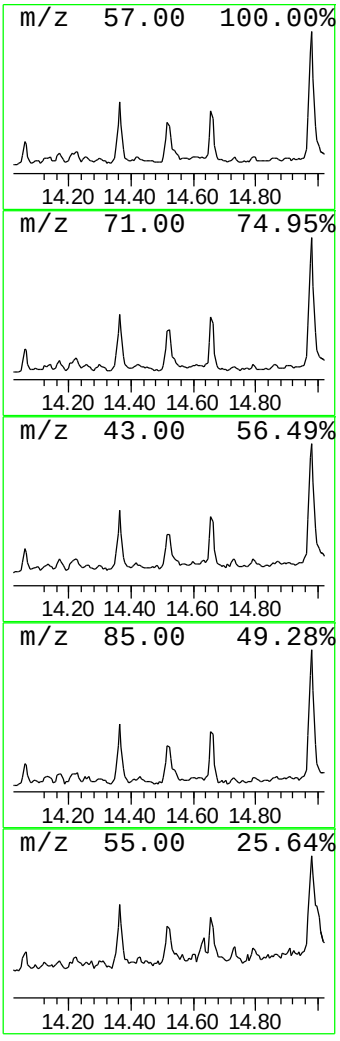
****

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	2.88 ng	201726	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Tritetracontane	605	C43H88	007098-21-7	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	2-methyloctacosane	408	C29H60	1000376-72-8	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

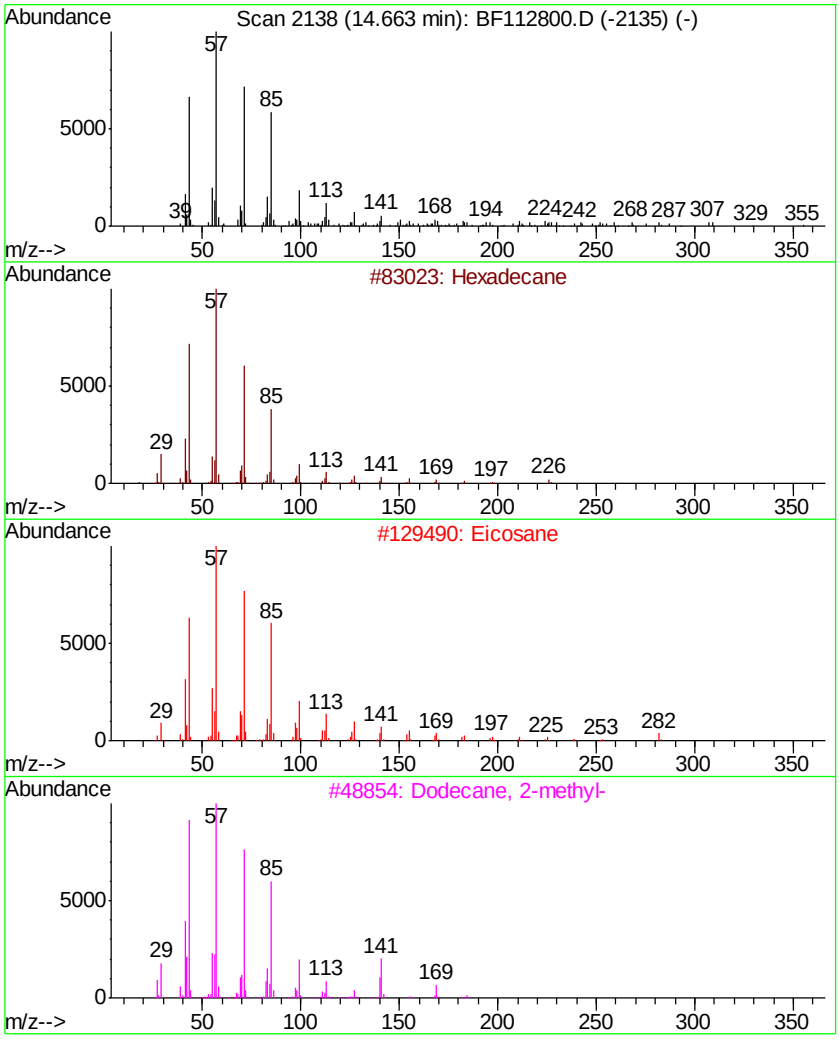
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

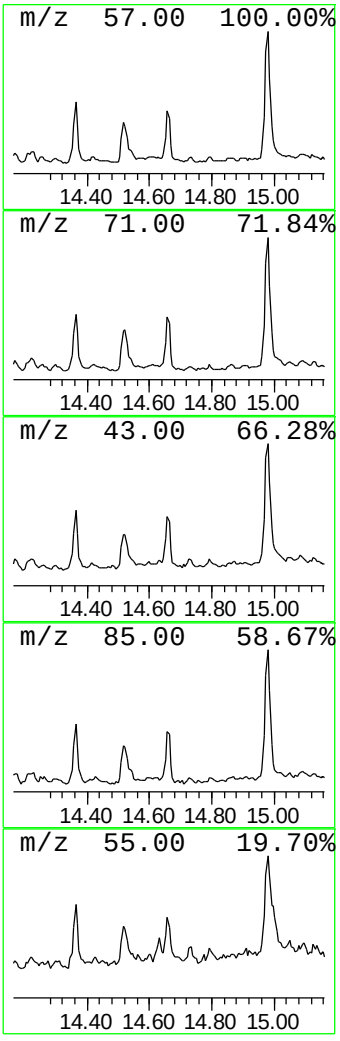
****

Peak Number 13 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.66	2.29 ng	150529	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Eicosane	282	C20H42	000112-95-8	94
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

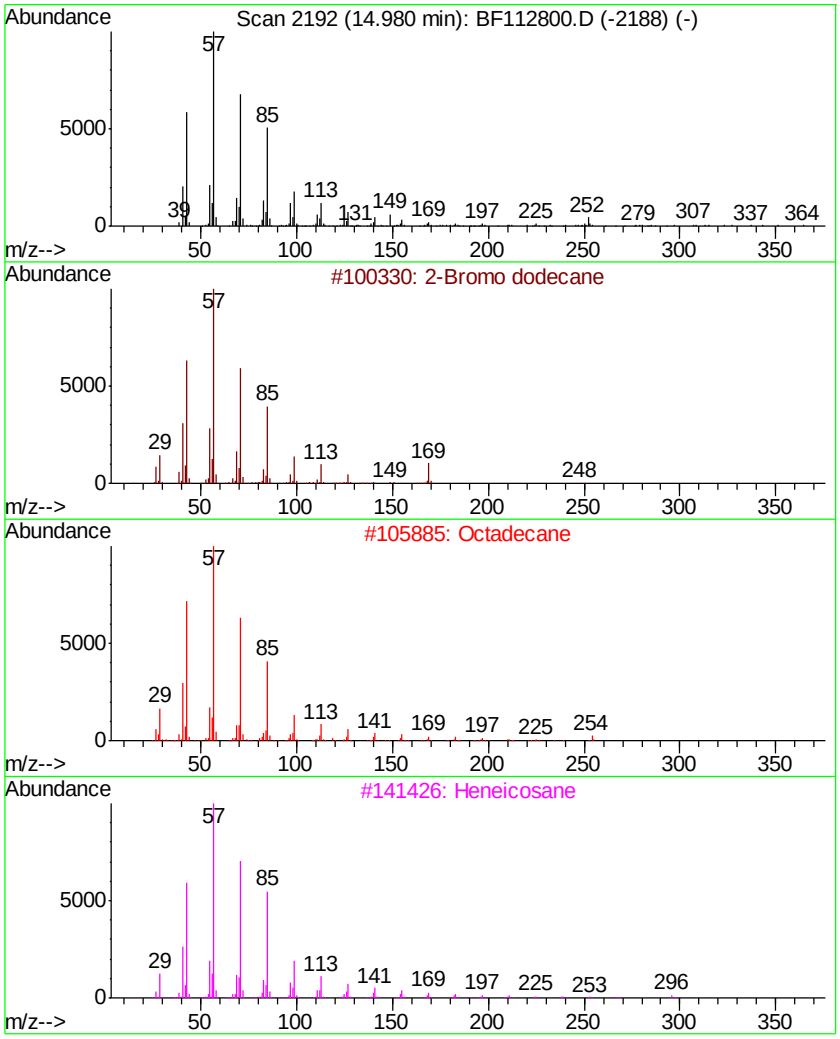
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

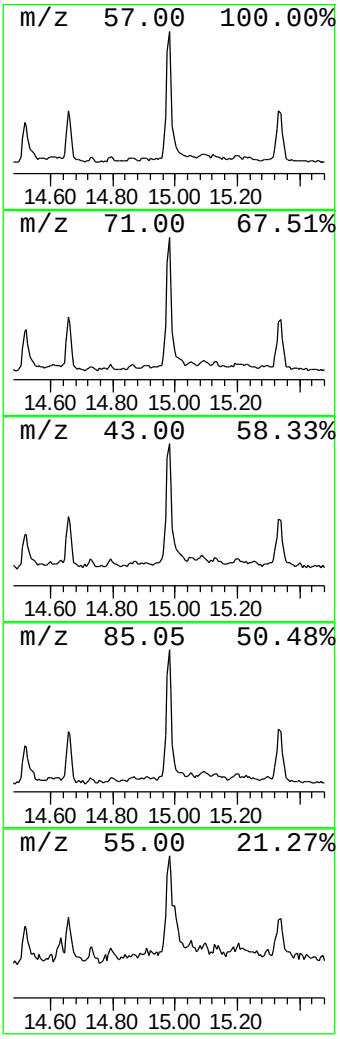
****

Peak Number 14 2-Bromo dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	7.69 ng	506382	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

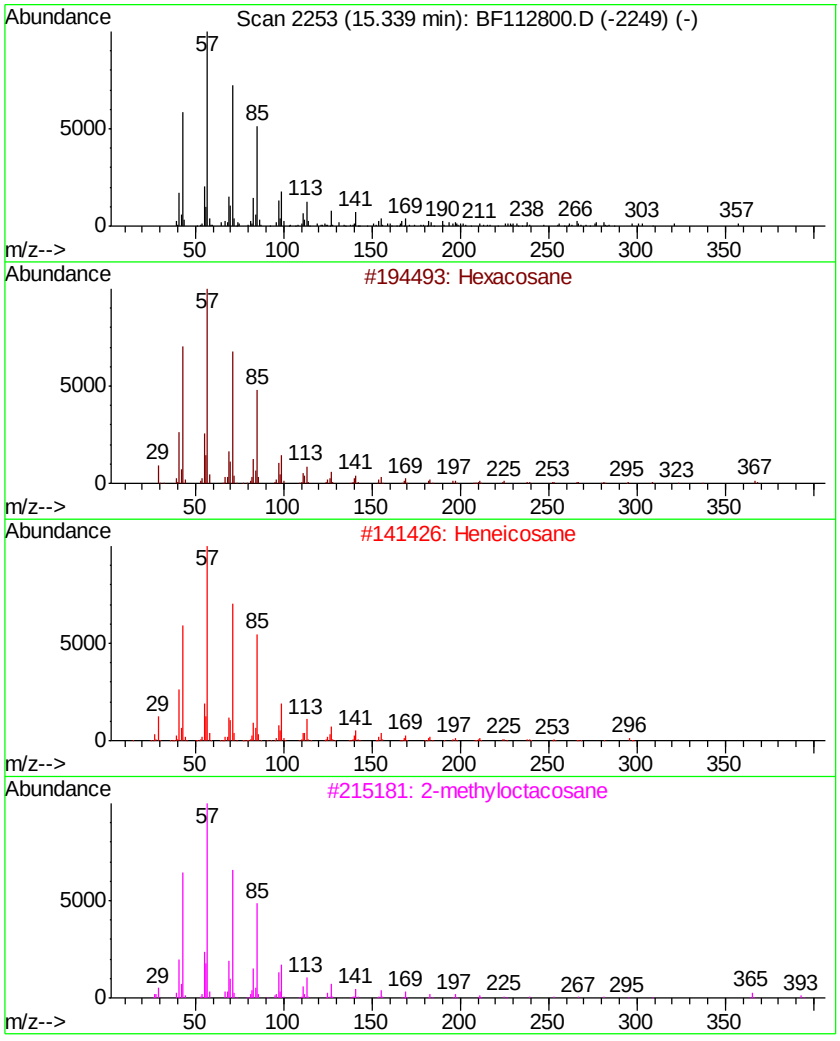
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

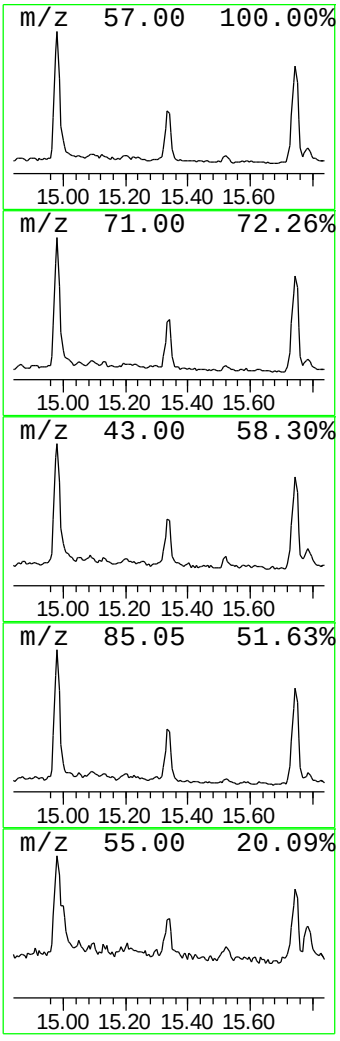
****

Peak Number 15 Hexacosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.34	2.81 ng	184947	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

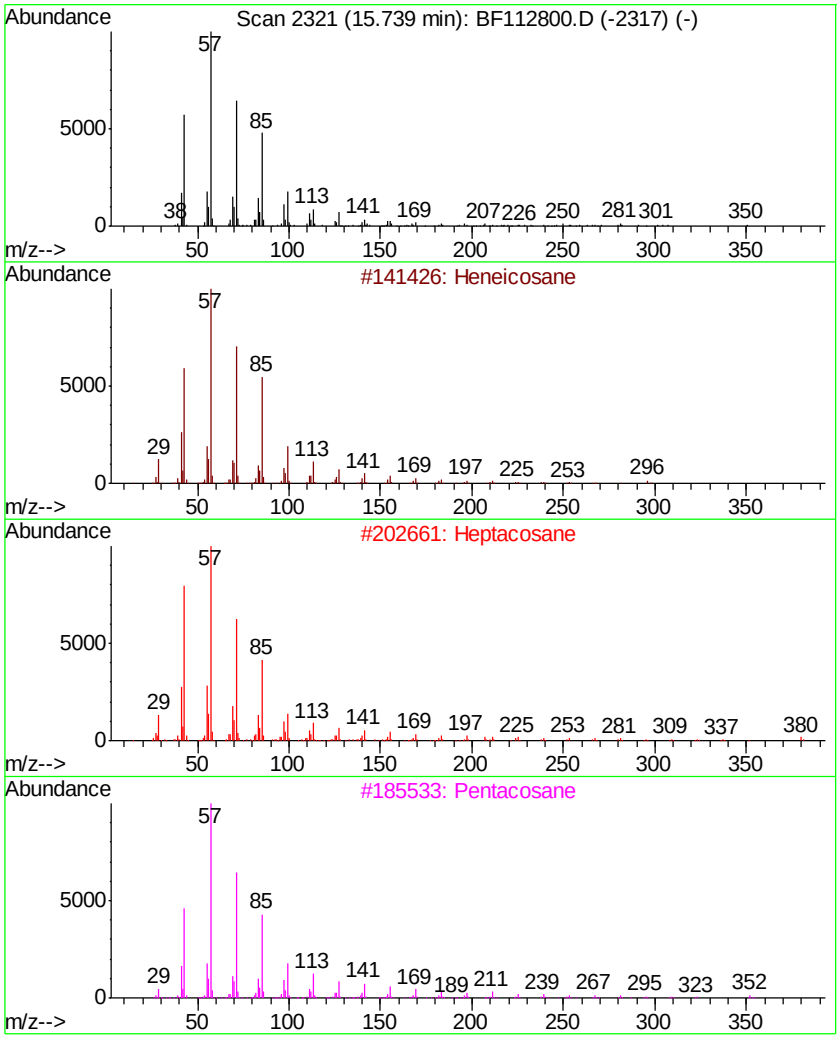
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

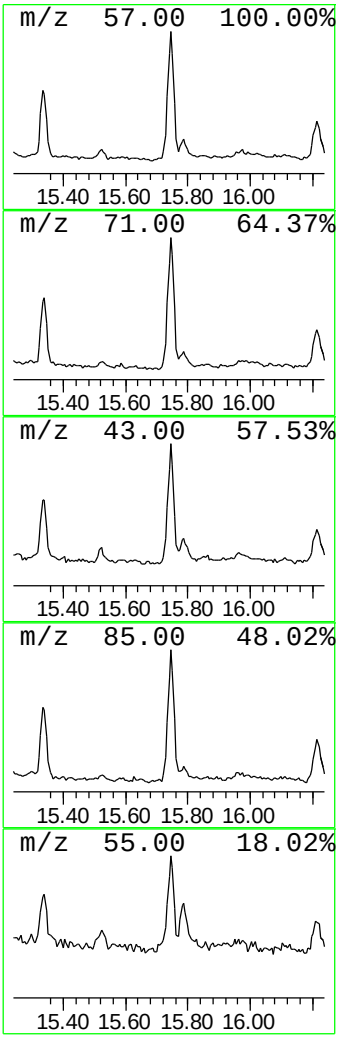
****

Peak Number 16 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	5.74 ng	377722	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Pentacosane	352	C25H52	000629-99-2	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

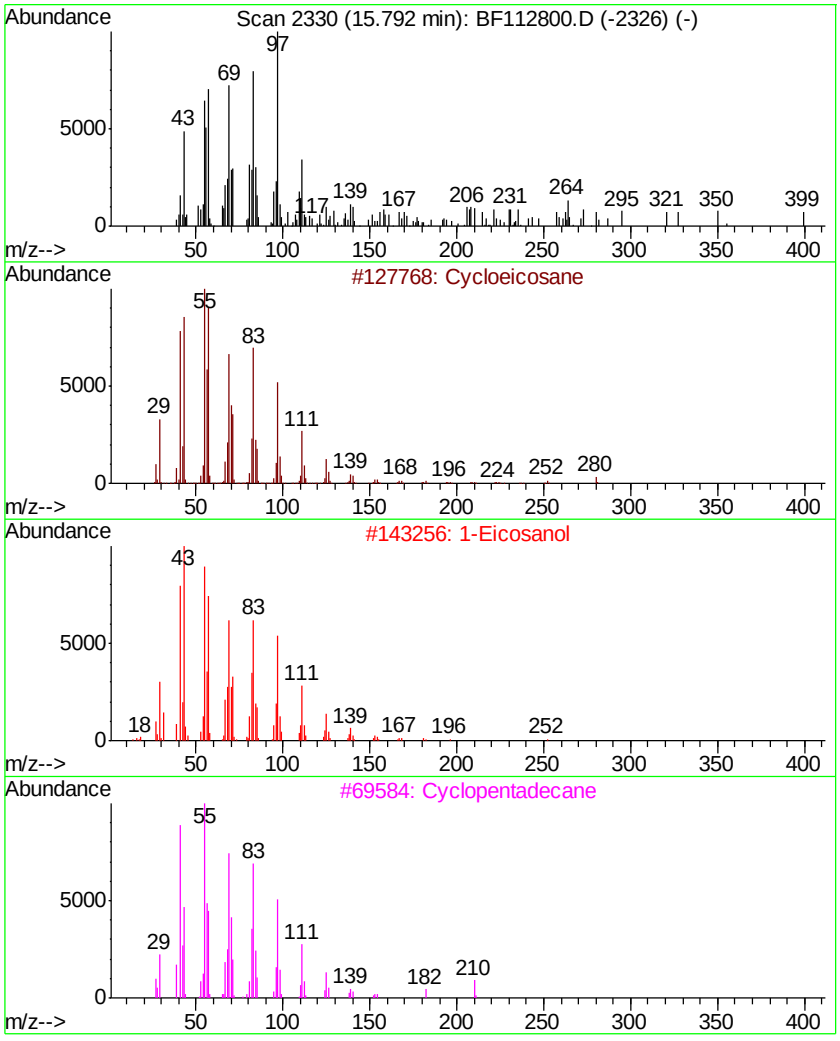
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

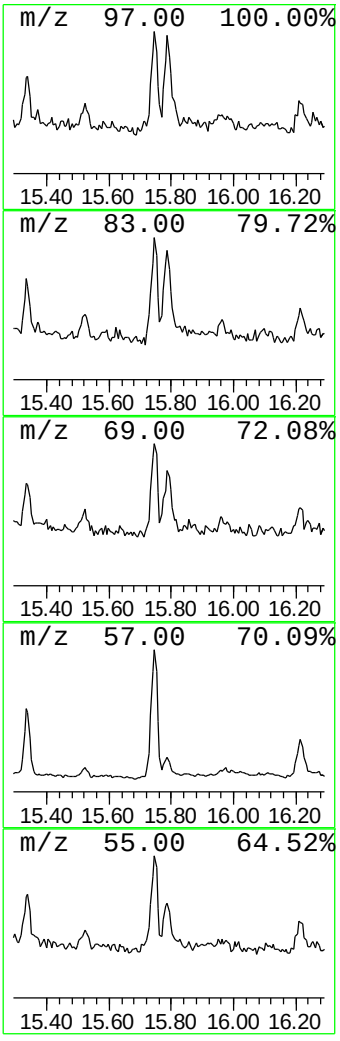
****

Peak Number 17 Cycloeicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	2.19 ng	143913	Perylene-d12	15.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	83
2	1-Eicosanol	298	C20H42O	000629-96-9	81
3	Cyclopentadecane	210	C15H30	000295-48-7	78
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	74
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112800.D
Acq On : 1 Mar 2019 15:27
Operator : JU/SJ
Sample : K1665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 200029

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.52	6.52	65.8	ng	4272750	1	6.75	1299650	20.0
Phenol, 4-(1,1,3,...	10.75	2.3	ng	164755	4	11.25	1425900	20.0
Acetamide, N-(3-m...	10.77	3.3	ng	236189	4	11.25	1425900	20.0
Phenol, p-tert-bu...	10.81	2.5	ng	174770	4	11.25	1425900	20.0
unknown10.92	10.92	3.1	ng	218564	4	11.25	1425900	20.0
Phenol, 4-(1,1-di...	10.96	2.8	ng	199336	4	11.25	1425900	20.0
n-Hexadecanoic acid	11.79	6.2	ng	444217	4	11.25	1425900	20.0
Octadecanoic acid	12.57	3.4	ng	240790	5	13.87	1400160	20.0
n-Tetracosanol-1	13.73	3.9	ng	275923	5	13.87	1400160	20.0
Sulfurous acid, b...	14.36	2.9	ng	200841	5	13.87	1400160	20.0
Nonadecane	14.52	2.9	ng	201726	5	13.87	1400160	20.0
Hexadecane	14.66	2.3	ng	150529	6	15.29	1316740	20.0
2-Bromo dodecane	14.98	7.7	ng	506382	6	15.29	1316740	20.0
Hexacosane	15.34	2.8	ng	184947	6	15.29	1316740	20.0
Heneicosane	15.74	5.7	ng	377722	6	15.29	1316740	20.0
Cycloeicosane	15.79	2.2	ng	143913	6	15.29	1316740	20.0