LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

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-BF112618.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	2.193	14	18	32	rVB	55195	92720	10.15%	0.886%
2	2.340	40	43	49	rVB4	7878	12581	1.38%	0.120%
3	4.581	421	424	434	rBV3	8226	22640	2.48%	0.216%
4	5.157	519	522	547	rBV	96605	169647	18.57%	1.620%
5	5.557	587	590	617	rBV	321218	498856	54.59%	4.765%
6	6.563	758	761	782	rBV	682707	860365	94.15%	8.218%
7	6.704	782	785	791	rVV	826474	746707	81.72%	7.133%
8	6.751	791	793	799	rVB3	9148	11388	1.25%	0.109%
9	6.934	821	824	832	rBV	442064	426563	46.68%	4.075%
10	7.092	847	851	864	rBV	699540	709936	77.69%	6.781%
11	7.504	918	921	935	rBV	403718	551084	60.31%	5.264%
12	7.733	957	960	964	rVB3	8454	10151	1.11%	0.097%
13	8.181	1034	1036	1039	rBV3	8733	9899	1.08%	0.095%
14	8.222	1039	1043	1048	rBV	433410	491334	53.77%	4.693%
15	8.498	1083	1090	1094	rBV6	15829	30509	3.34%	0.291%
16	8.545	1094	1098	1099	rBV3	9614	11762	1.29%	0.112%
17	8.616	1107	1110	1113	rBV	36881	28057	3.07%	0.268%
18	8.739	1128	1131	1134	rBV3	16396	16968	1.86%	0.162%
19	8.786	1137	1139	1144	rVB	16011	16253	1.78%	0.155%
20	8.886	1153	1156	1161	rVB5	15458	20537	2.25%	0.196%
21	8.951	1164	1167	1169	rBV2	16225	13689	1.50%	0.131%
22	9.086	1185	1190	1192	rBV6	10508	13977	1.53%	0.134%
23	9.110	1192	1194	1197	rVB3	14090	13503	1.48%	0.129%
24	9.157	1199	1202	1205	rBV3	8235	12032	1.32%	0.115%
25	9.198	1206	1209	1210	rBV2	14232	12742	1.39%	0.122%
26	9.216	1210	1212	1219	rVB	49445	47222	5.17%	0.451%
27	9.292	1221	1225	1233	rBV	945795	913786	100.00%	8.729%
28	9.357	1233	1236	1240	rVB	47833	48685	5.33%	0.465%
29	9.510	1258	1262	1264	rBV5	8891	14208	1.55%	0.136%
30	9.669	1286	1289	1291	rBV	115778	94049	10.29%	0.898%
31	9.692	1291	1293	1296	rVB	36974	35185	3.85%	0.336%
32	9.775	1302	1307	1311	rVB5	16413	30146	3.30%	0.288%
33	9.827	1313	1316	1318	rBV3	30336	28154	3.08%	0.269%
34	9.851	1318	1320	1322	rVV	19293	18154	1.99%	0.173%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.875	1322	1324	1327	rVB2	41159	40179	4.40%	0.384%
36	9.922	1329	1332	1334	rBV4	8629	9455	1.03%	0.090%
37	9.945	1334	1336	1338	rBV3	15146	12685	1.39%	0.121%
38	9.980	1338	1342	1347	rBV	446997	454984	49.79%	4.346%
39	10.080	1357	1359	1362	rBV4	8999	11217	1.23%	0.107%
40	10.139	1367	1369	1371	rVB2	14073	10186	1.11%	0.097%
41	10.222	1381	1383	1387	rVB3	14811	17730	1.94%	0.169%
42	10.298	1392	1396	1398	rBV4	17719	21605	2.36%	0.206%
43	10.327	1399	1401	1404	rVB4	14487	15058	1.65%	0.144%
44	10.380	1406	1410	1413	rVV3	42367	46895	5.13%	0.448%
45	10.416	1413	1416	1419	rVB4	12558	11315	1.24%	0.108%
46	10.545	1435	1438	1443	rVB6	14240	17971	1.97%	0.172%
47	10.598	1443	1447	1451	rBV	66710	69504	7.61%	0.664%
48	10.780	1475	1478	1483	rBV	66540	81967	8.97%	0.783%
49	10.869	1488	1493	1496	rBV	107099	125869	13.77%	1.202%
50	11.116	1532	1535	1537	rBV3	14717	15315	1.68%	0.146%
51	11.304	1564	1567	1569	rBV	29278	23337	2.55%	0.223%
52	11.333	1569	1572	1574	rVB	60357	53247	5.83%	0.509%
53	11.474	1593	1596	1608	rVB	432227	469283	51.36%	4.483%
54	11.563	1608	1611	1612	rBV2	19682	18211	1.99%	0.174%
55	11.680	1628	1631	1635	rBV3	30344	32410	3.55%	0.310%
56	11.727	1637	1639	1645	rVB	32549	32411	3.55%	0.310%
57	11.974	1678	1681	1686	rBV4	38303	61830	6.77%	0.591%
58	12.092	1699	1701	1707	rVV4	20810	31990	3.50%	0.306%
59	12.139	1707	1709	1712	rVB	27431	19557	2.14%	0.187%
60	12.527	1772	1775	1778	rBV	71191	70310	7.69%	0.672%
61	12.698	1801	1804	1808	rBV	119671	128803	14.10%	1.230%
62	12.904	1836	1839	1841	rBV2	37036	47514	5.20%	0.454%
63	12.933	1841	1844	1849	rVV2	169006	242666	26.56%	2.318%
64	13.057	1861	1865	1868	rBV	734022	677768	74.17%	6.474%
65	13.598	1955	1957	1959	rBV	46218	38167	4.18%	0.365%
66	13.927	2011	2013	2016	rVB2	62240	51614	5.65%	0.493%
67	14.133	2044	2048	2052	rBV	342321	389003	42.57%	3.716%
68	14.245	2065	2067	2070	rVB	55209	43716	4.78%	0.418%
69	14.551	2117	2119	2123	rVB2	65864	56292	6.16%	0.538%
70	14.862	2170	2172	2175	rBV	91636	86361	9.45%	0.825%
71	15.215	2229	2232	2243	rVB2	170178	244812	26.79%	2.338%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

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-BF112618.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	15.609	2296	2299	2306	rVB	147290	208785	22.85%	1.994%
73	15.674	2306	2310	2315	rVB	151921	194619	21.30%	1.859%
74	16.803	2499	2502	2513	rVB2	127783	250785	27.44%	2.396%

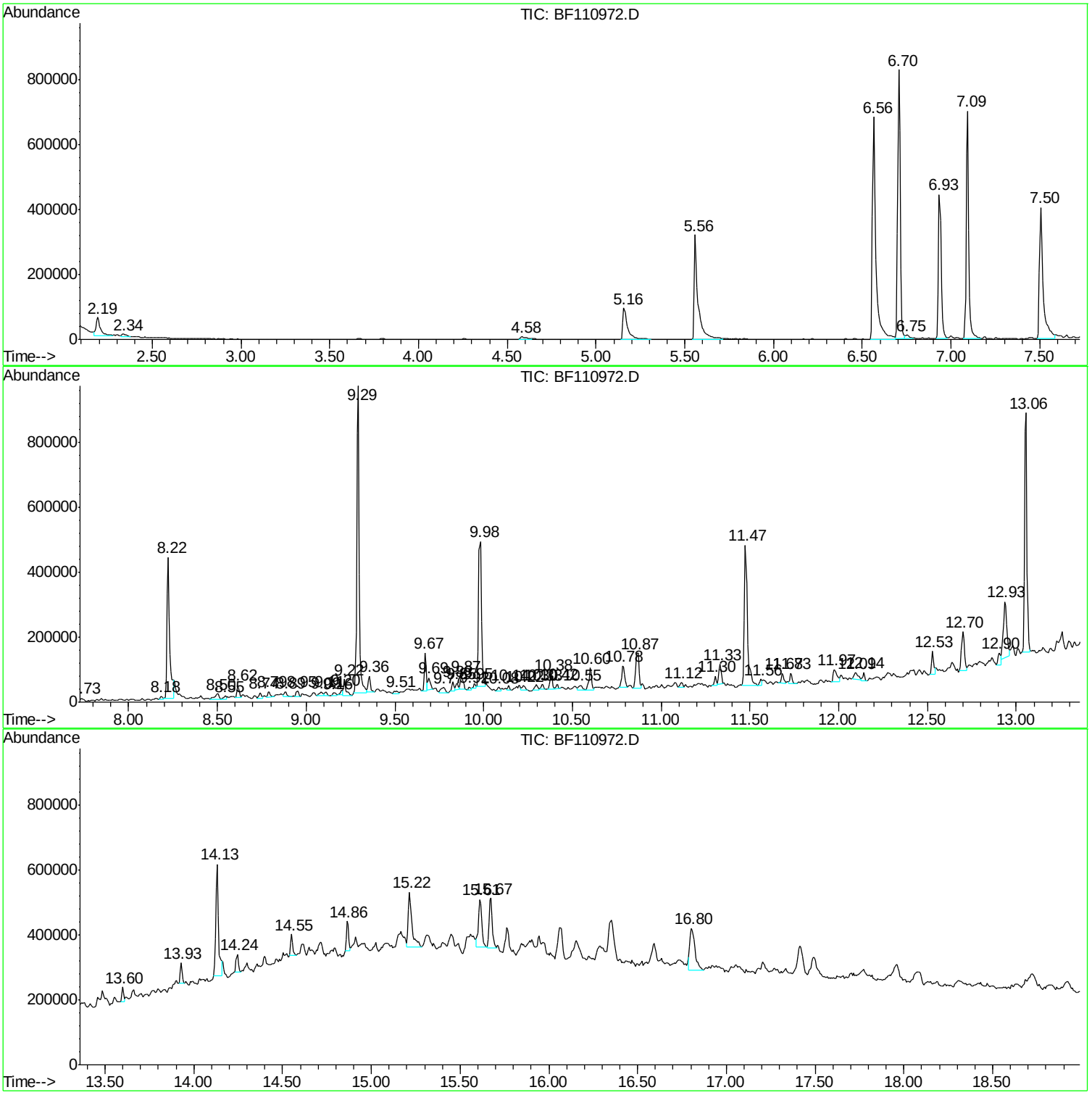
Sum of corrected areas: 10468915

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

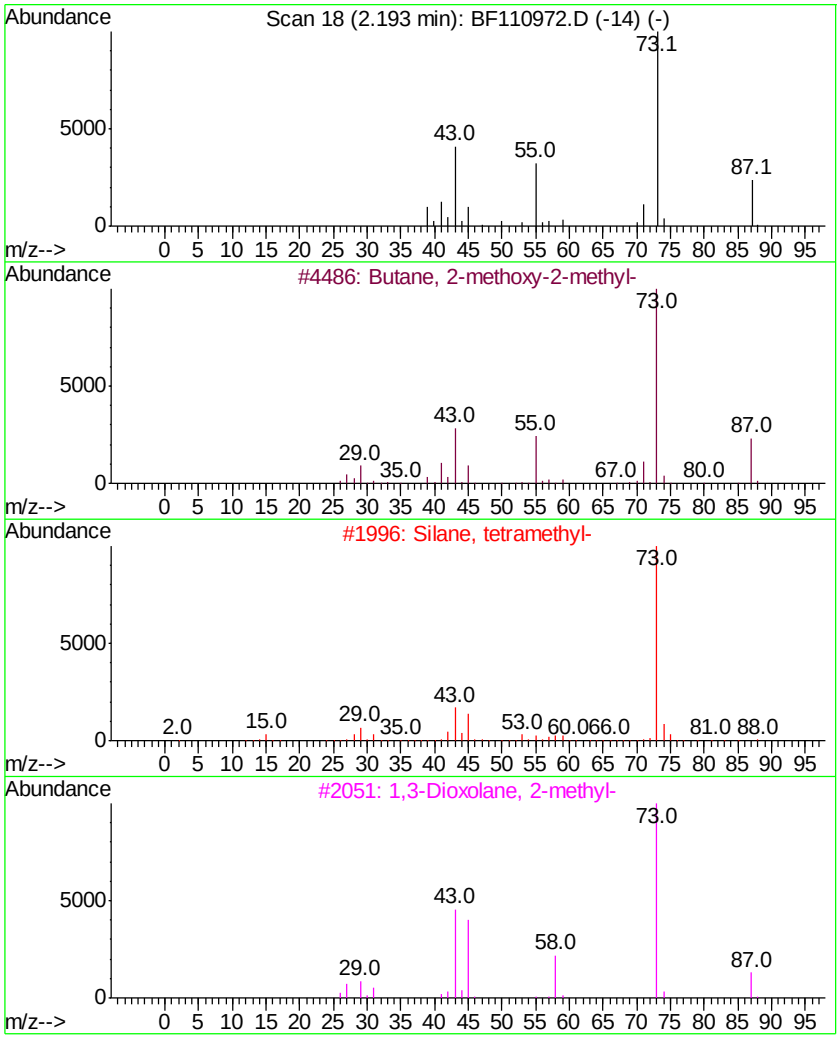
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

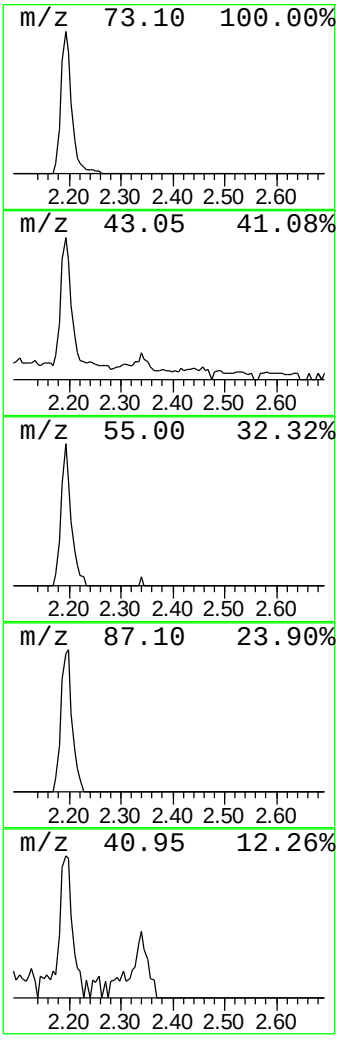
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	4.35 ng	92720	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

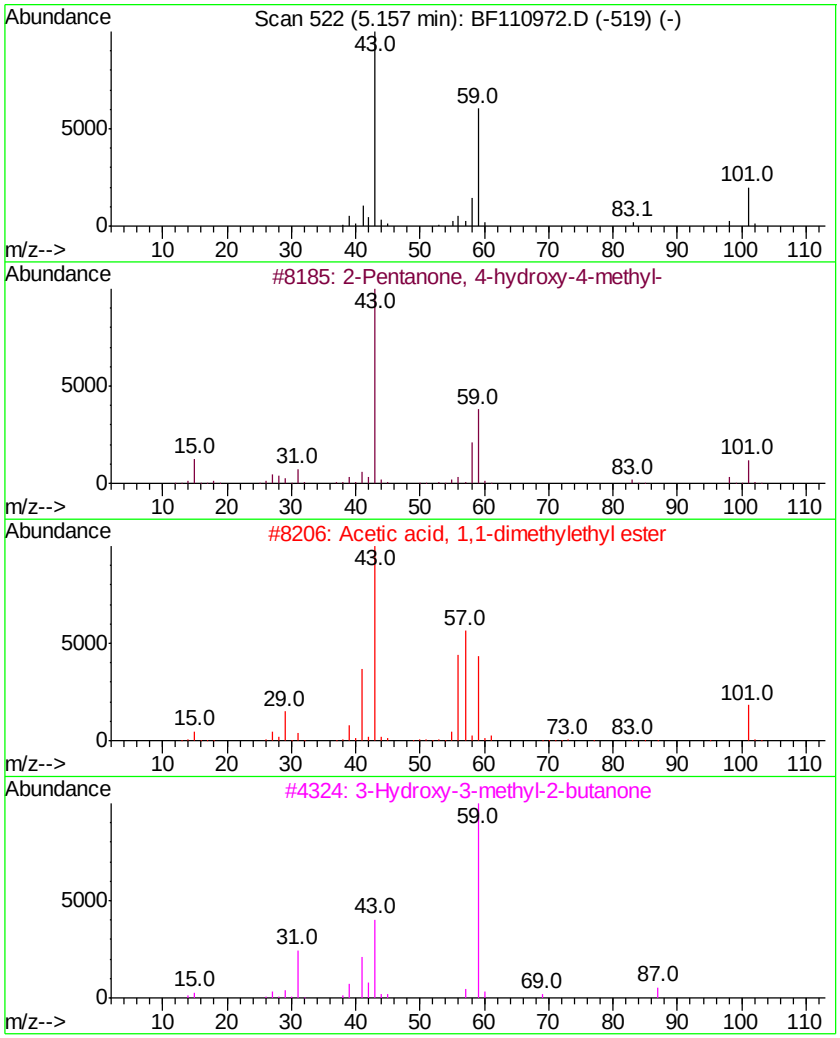
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

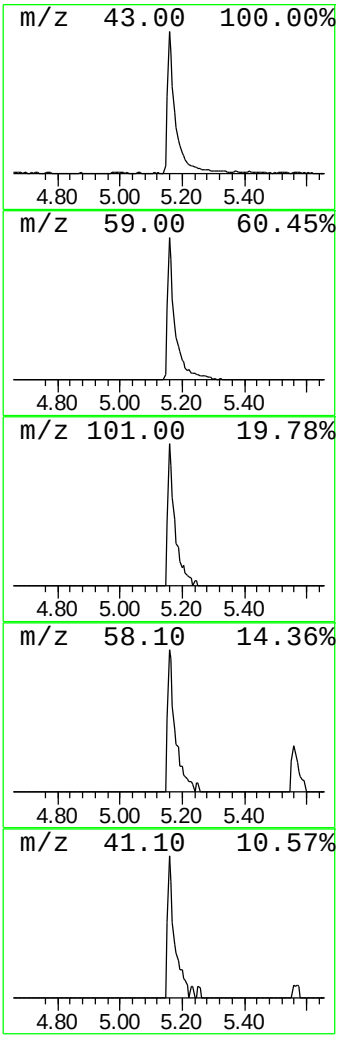
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	7.95 ng	169647	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

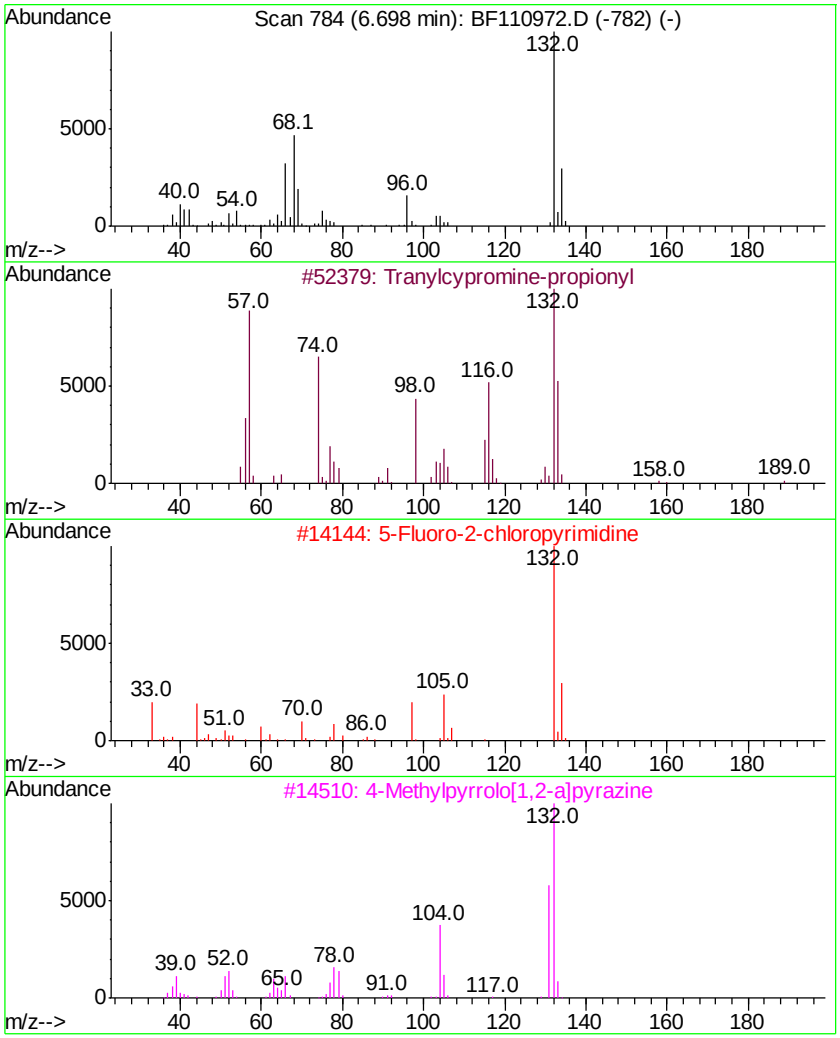
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

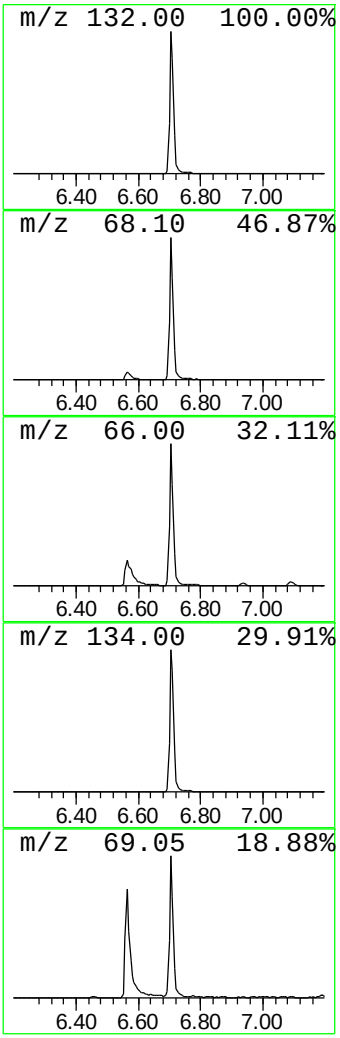
****

Peak Number 3 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	35.01 ng	746707	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

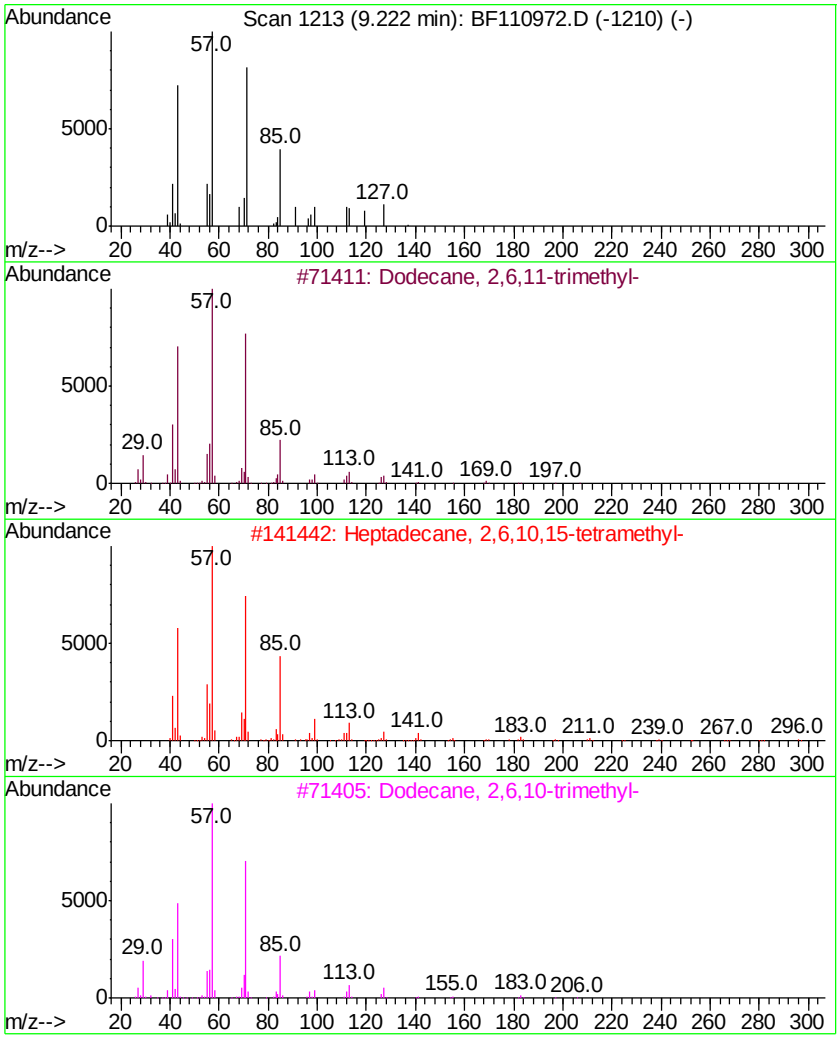
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

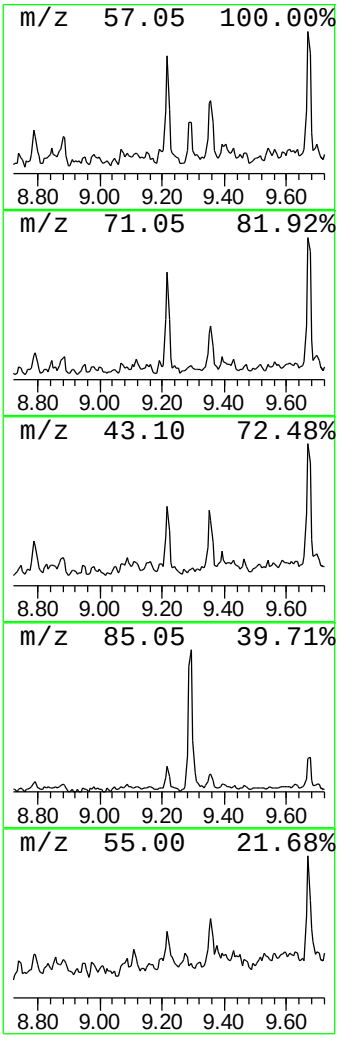
****

Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.08 ng	47222	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

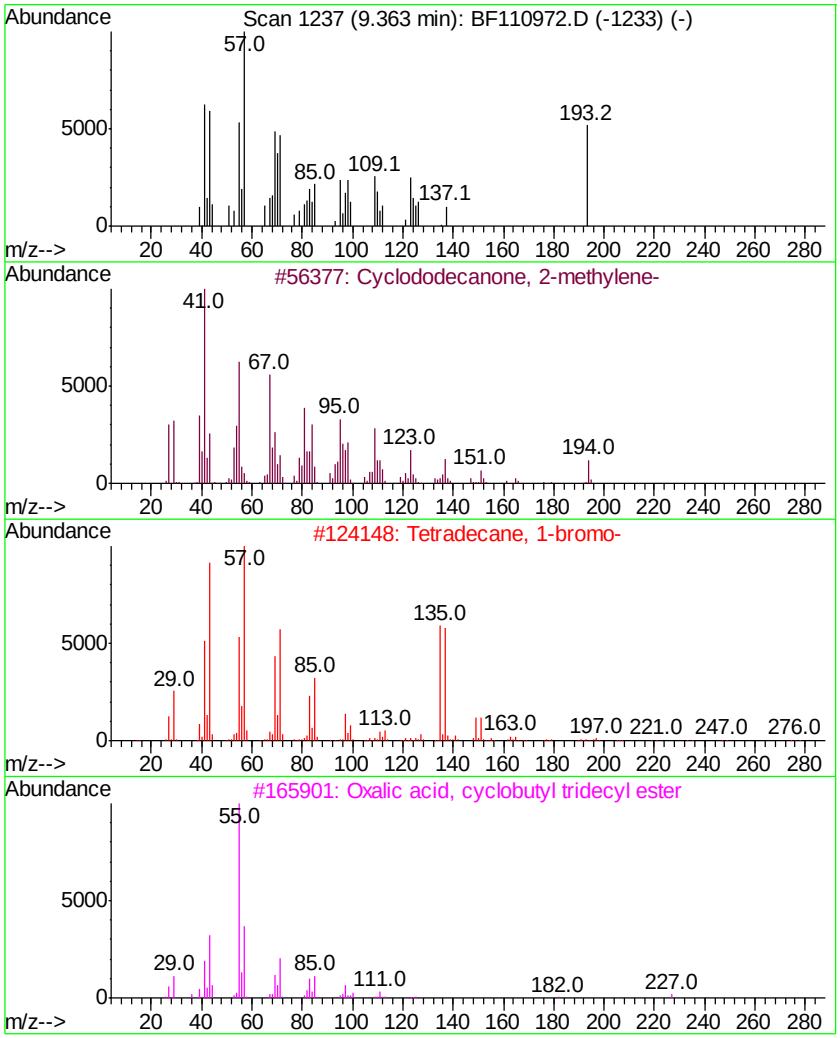
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

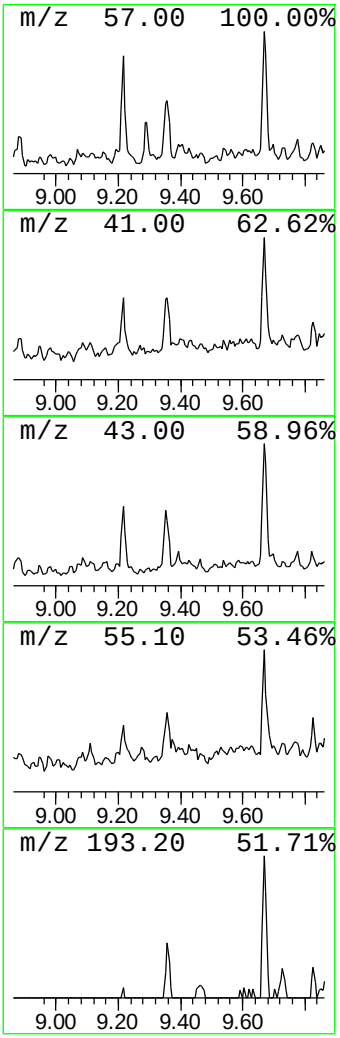
****

Peak Number 6 unknown9.36 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.14 ng	48685	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	25
2	Tetradecane, 1-bromo-	276	C14H29Br	000112-71-0	22
3	Oxalic acid, cyclobutyl tridecyl...	326	C19H34O4	1000309-70-4	22
4	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	18
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

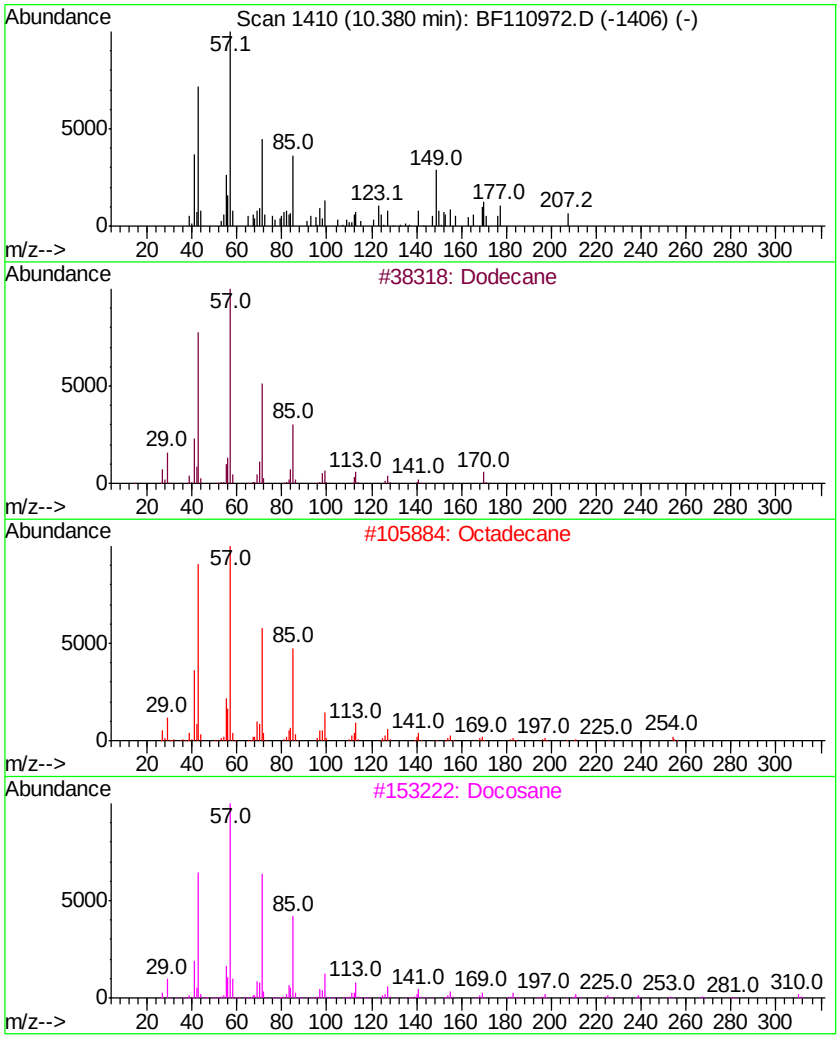
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

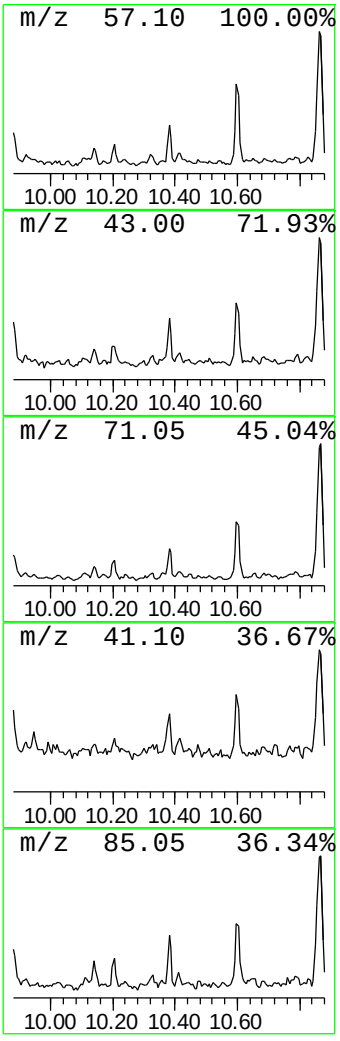
****

Peak Number 7 unknown10.38 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	2.06 ng	46895	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	49
2	Octadecane	254	C18H38	000593-45-3	49
3	Docosane	310	C22H46	000629-97-0	47
4	Heptadecane	240	C17H36	000629-78-7	47
5	Heneicosane	296	C21H44	000629-94-7	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

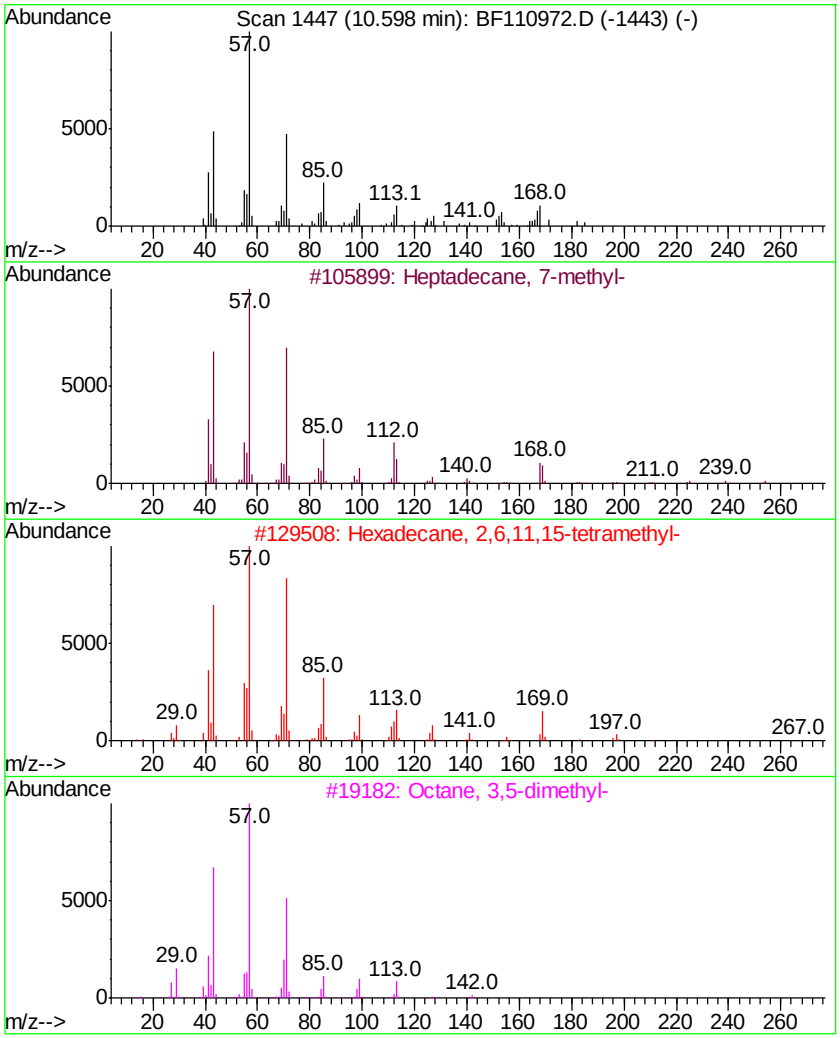
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

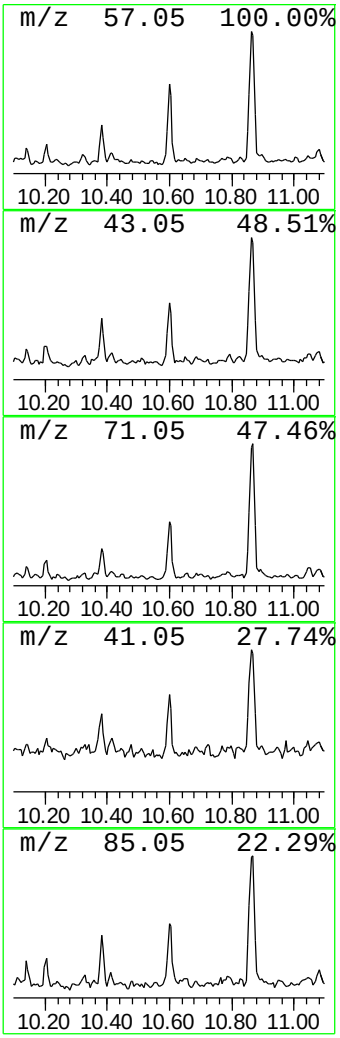
****

Peak Number 8 Heptadecane, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	3.06 ng	69504	Acenaphthene-d10	9.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	64
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50
5	Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

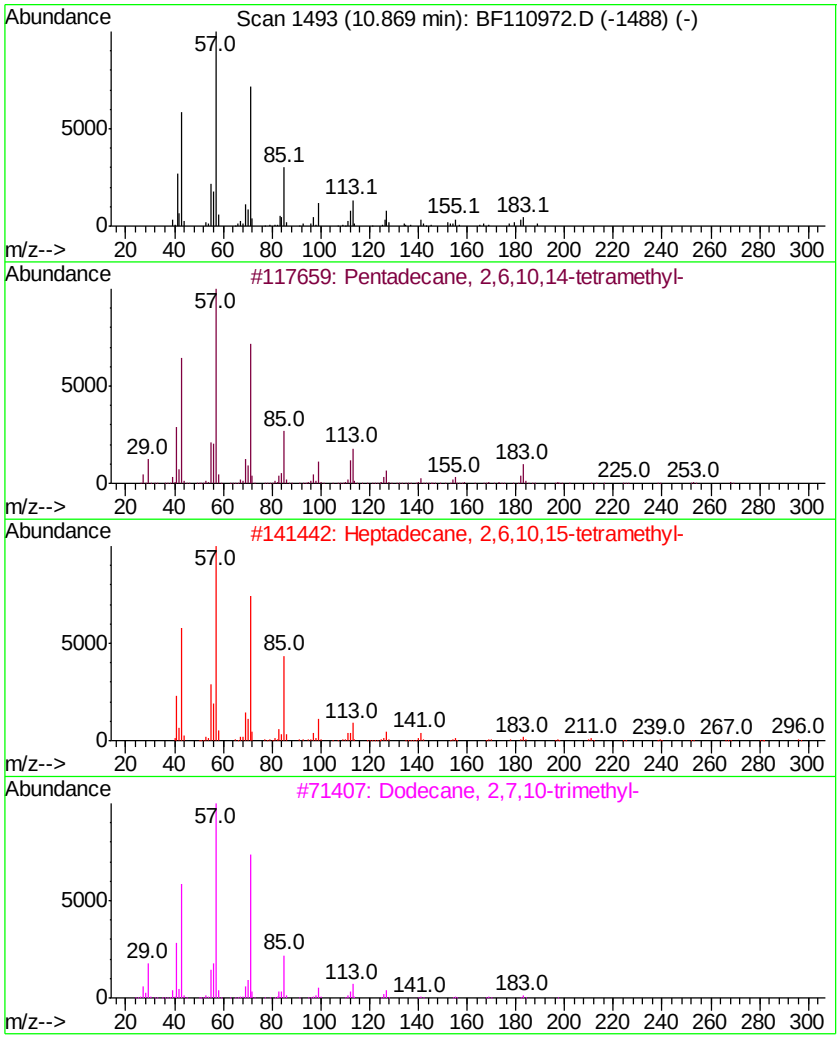
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

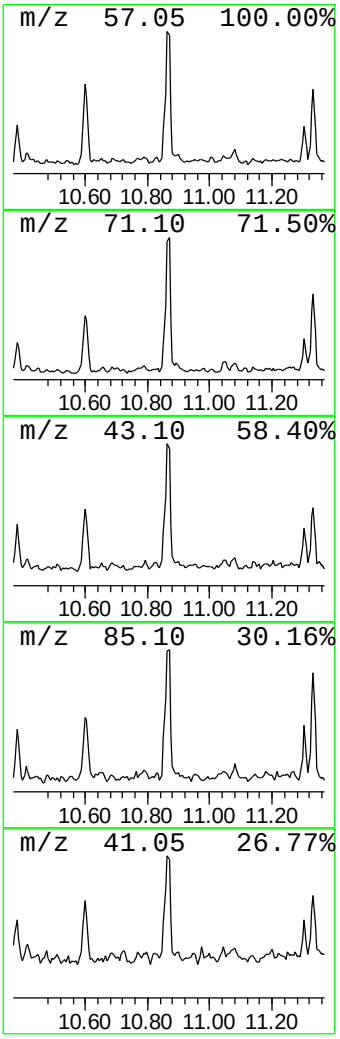
****

Peak Number 9 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	5.36 ng	125869	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

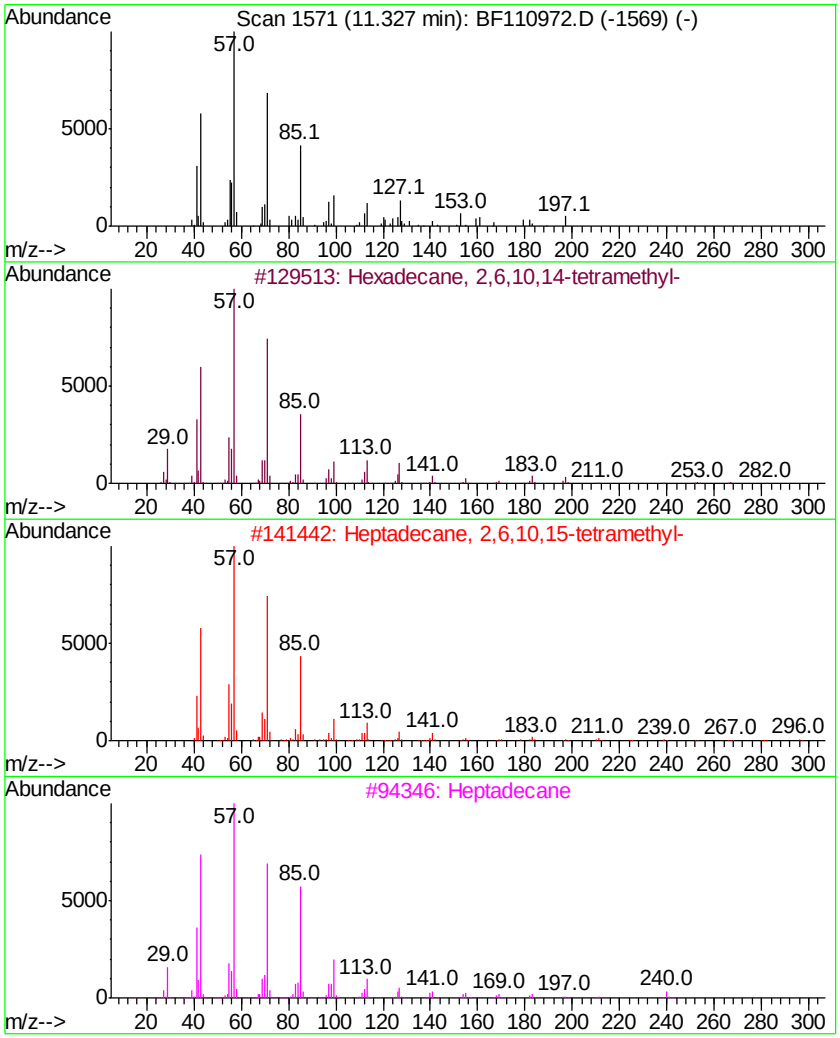
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

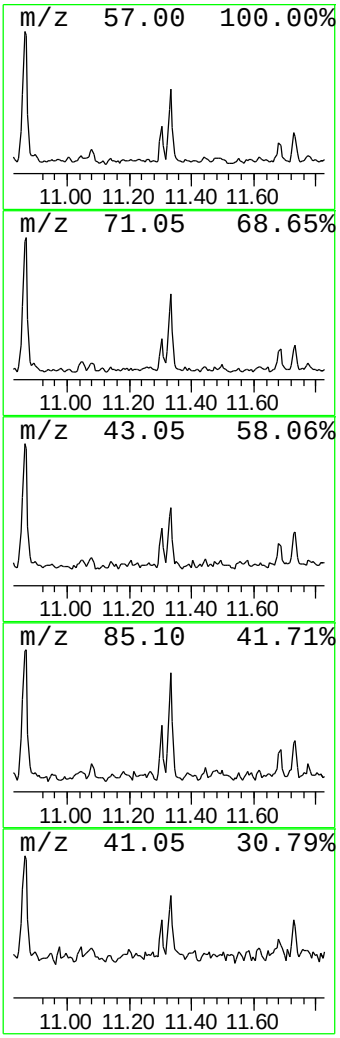
****

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.27 ng	53247	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3	Heptadecane	240	C17H36	000629-78-7	80
4	Heptacosane	380	C27H56	000593-49-7	72
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

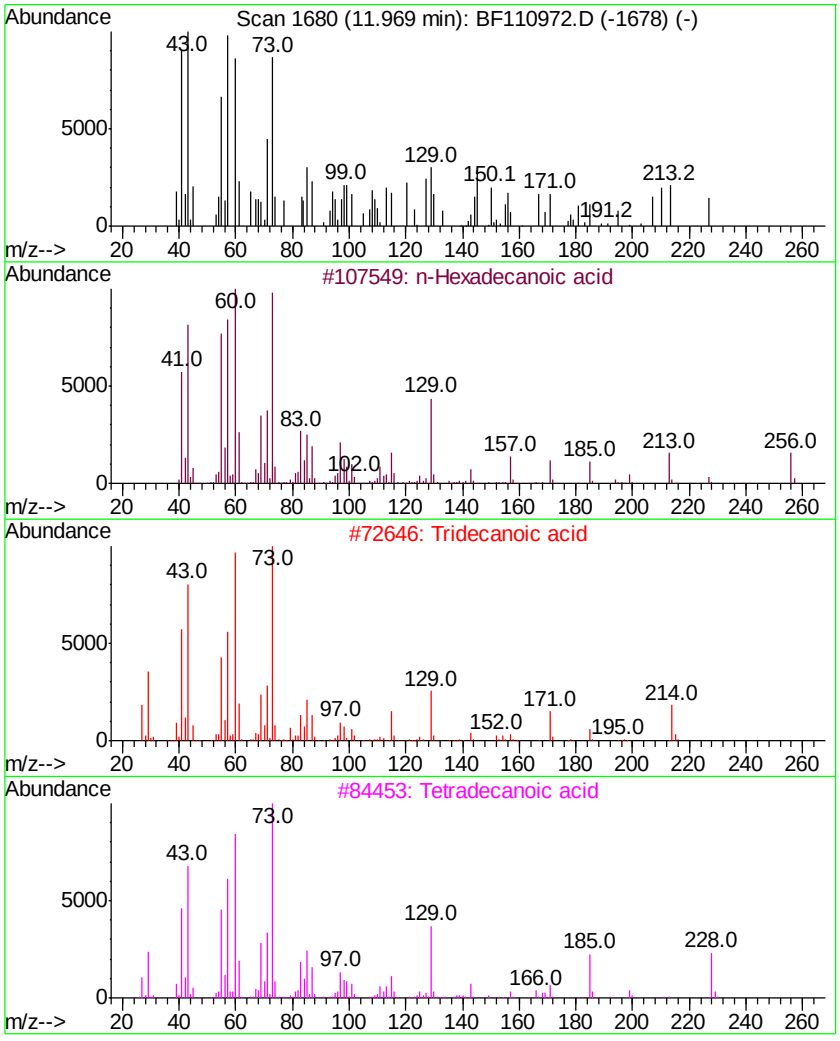
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

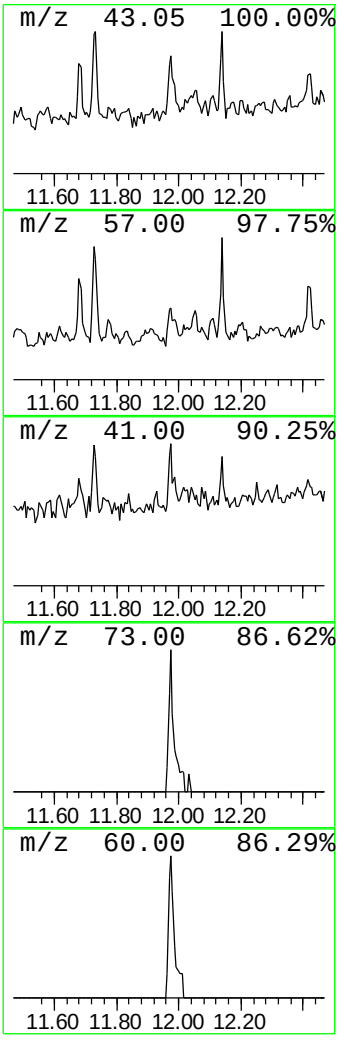
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.64 ng	61830	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	27
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	27
4	n-Decanoic acid	172	C10H20O2	000334-48-5	27
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

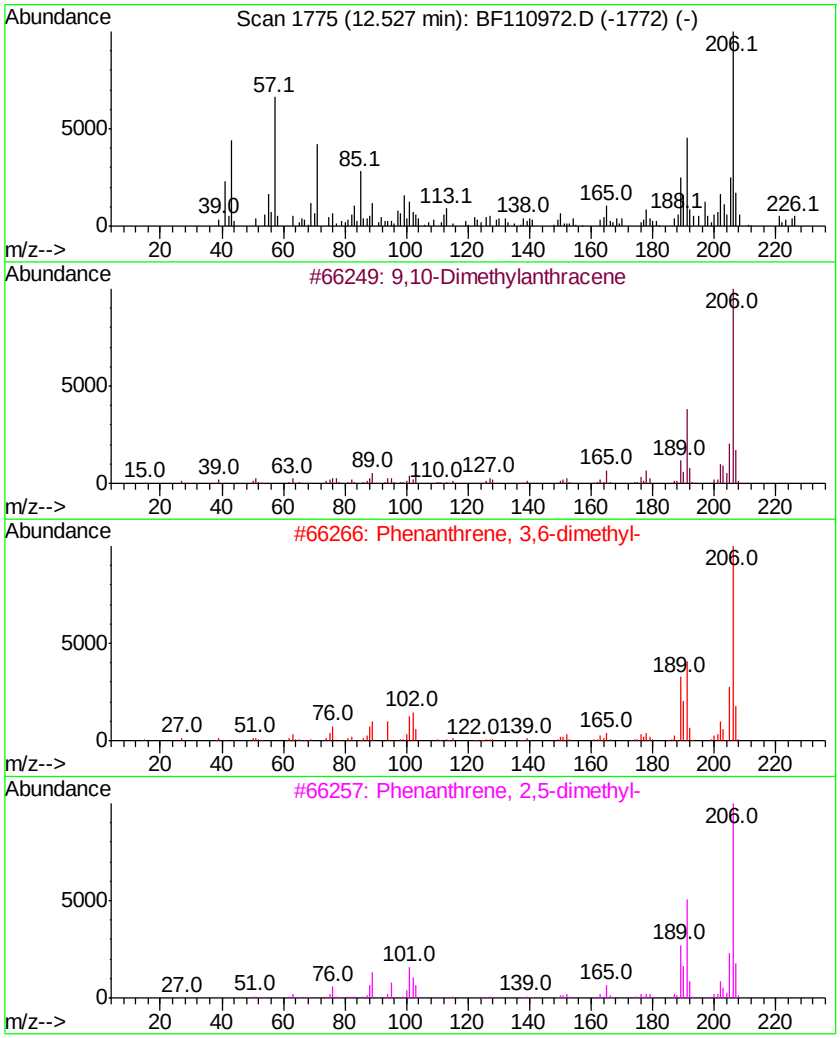
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

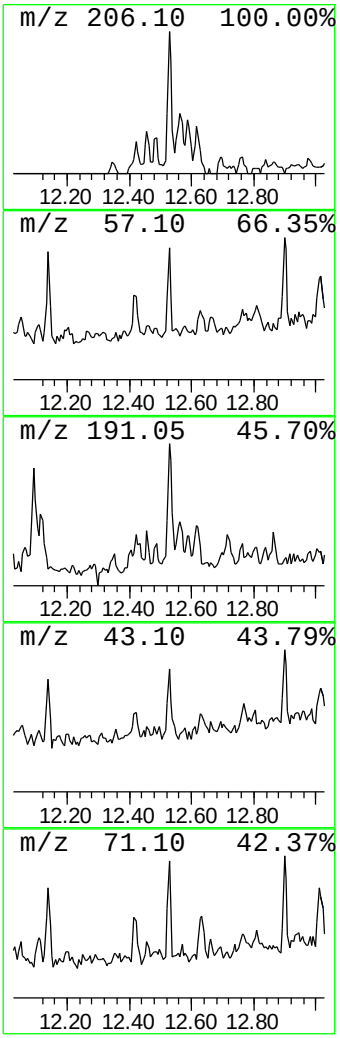
****

Peak Number 12 9,10-Dimethylanthracene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	3.00 ng	70310	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	86
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	78
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

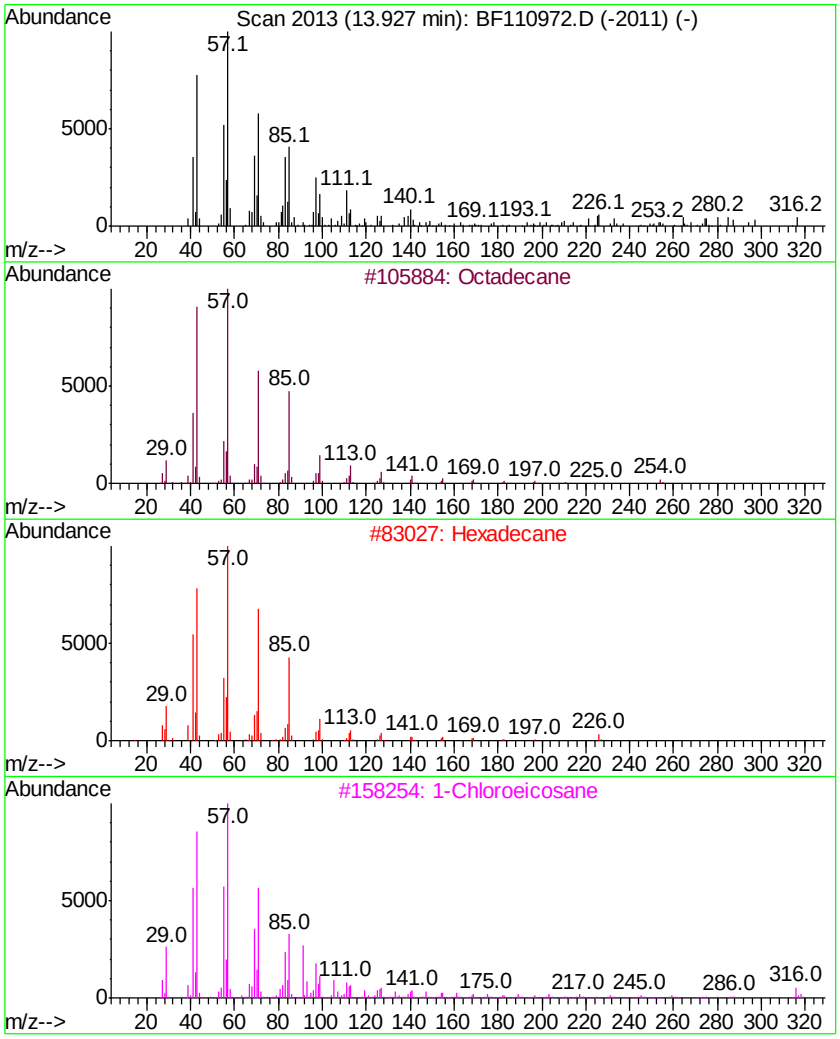
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

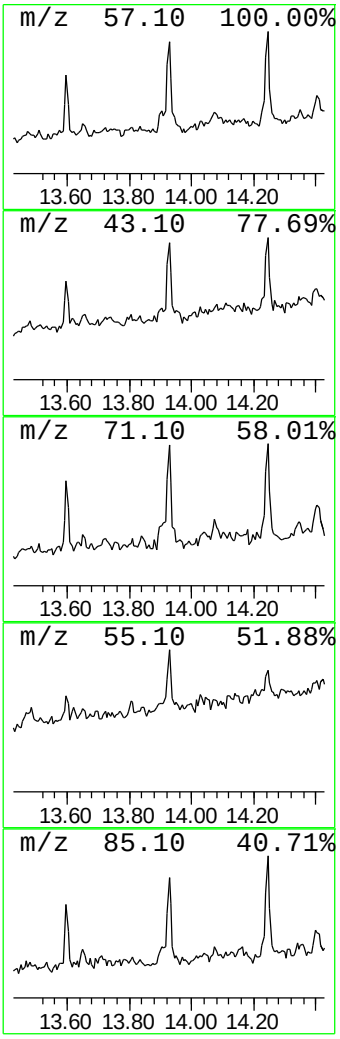
****

Peak Number 13 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.65 ng	51614	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	1-Chloroeicosane	316	C20H41Cl	042217-02-7	86
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78
5	Nonane, 1-iodo-	254	C9H19I	004282-42-2	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

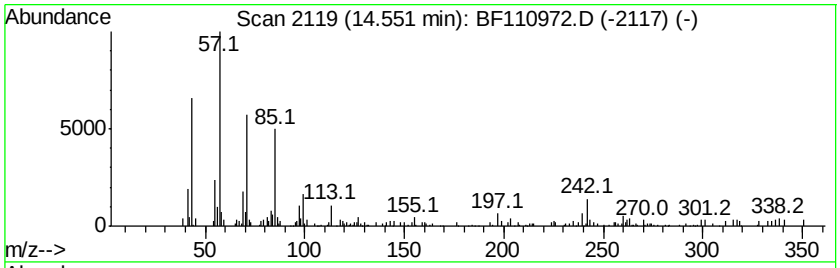
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

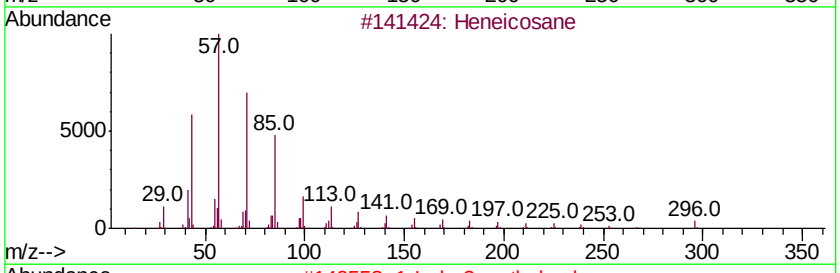
****

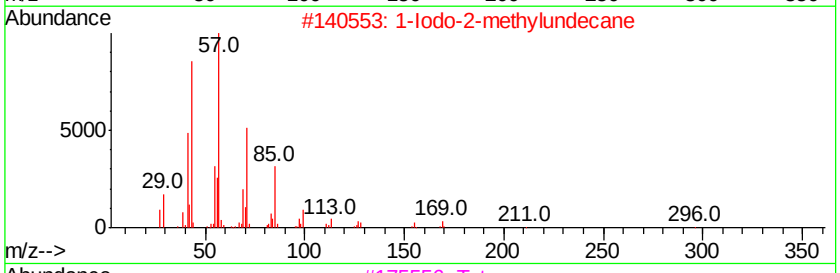
Peak Number 15 Heneicosane Concentration Rank 10

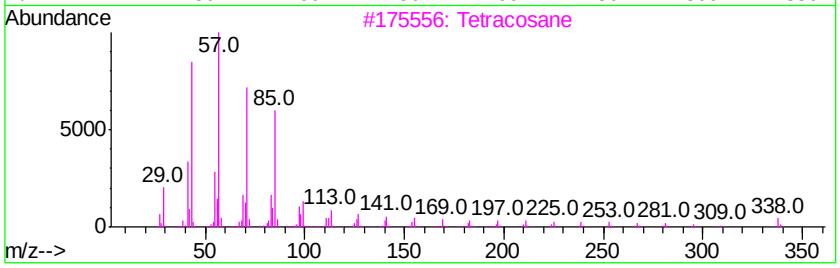
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.89 ng	56292	Chrysene-d12	14.13

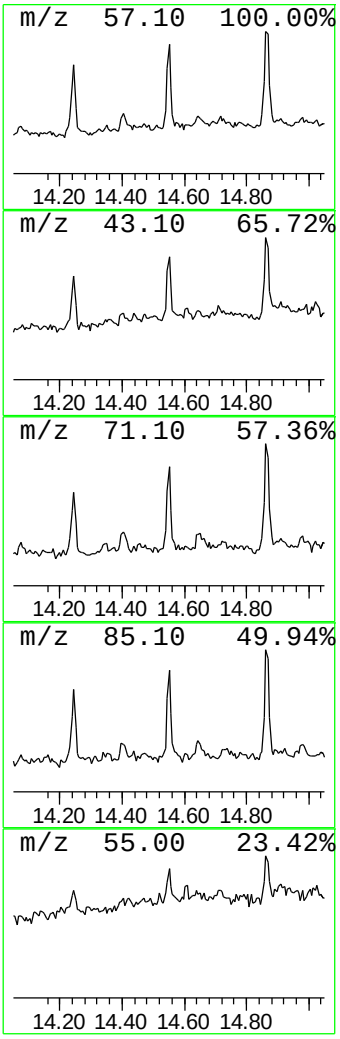
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	76
3	Tetracosane	338	C24H50	000646-31-1	68
4	Hexadecane	226	C16H34	000544-76-3	68
5	Docosane	310	C22H46	000629-97-0	59











Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

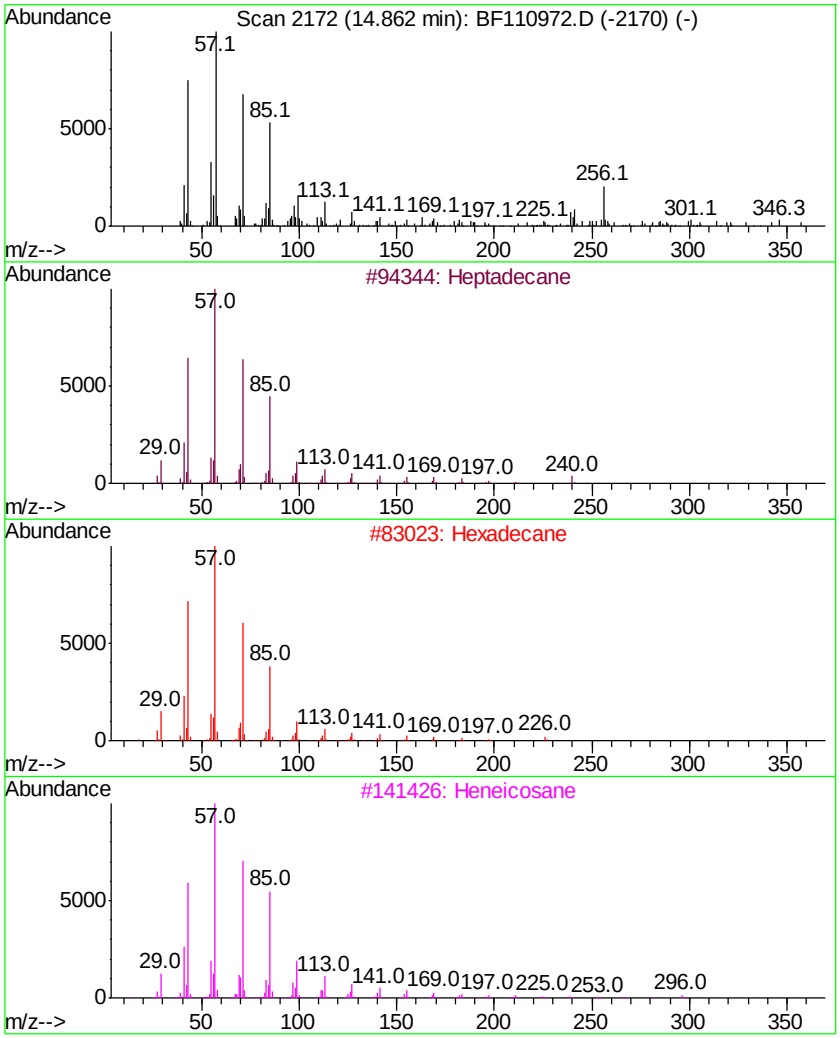
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

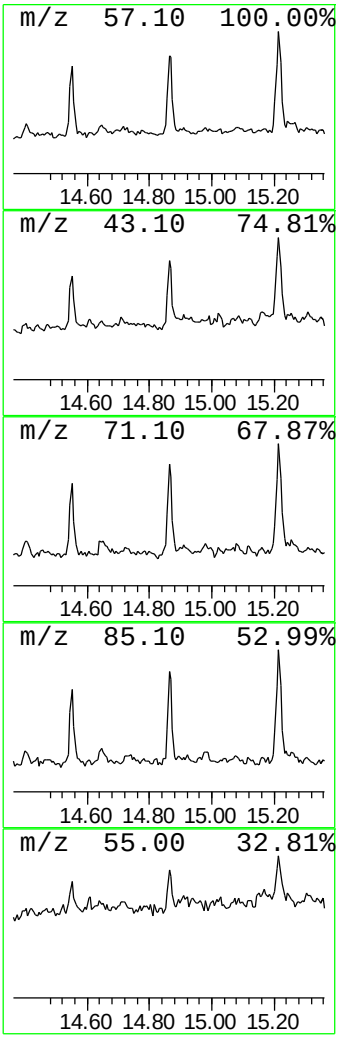
****

Peak Number 16 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	4.44 ng	86361	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Heneicosane	296	C21H44	000629-94-7	81
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
5	Octacosane	394	C28H58	000630-02-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

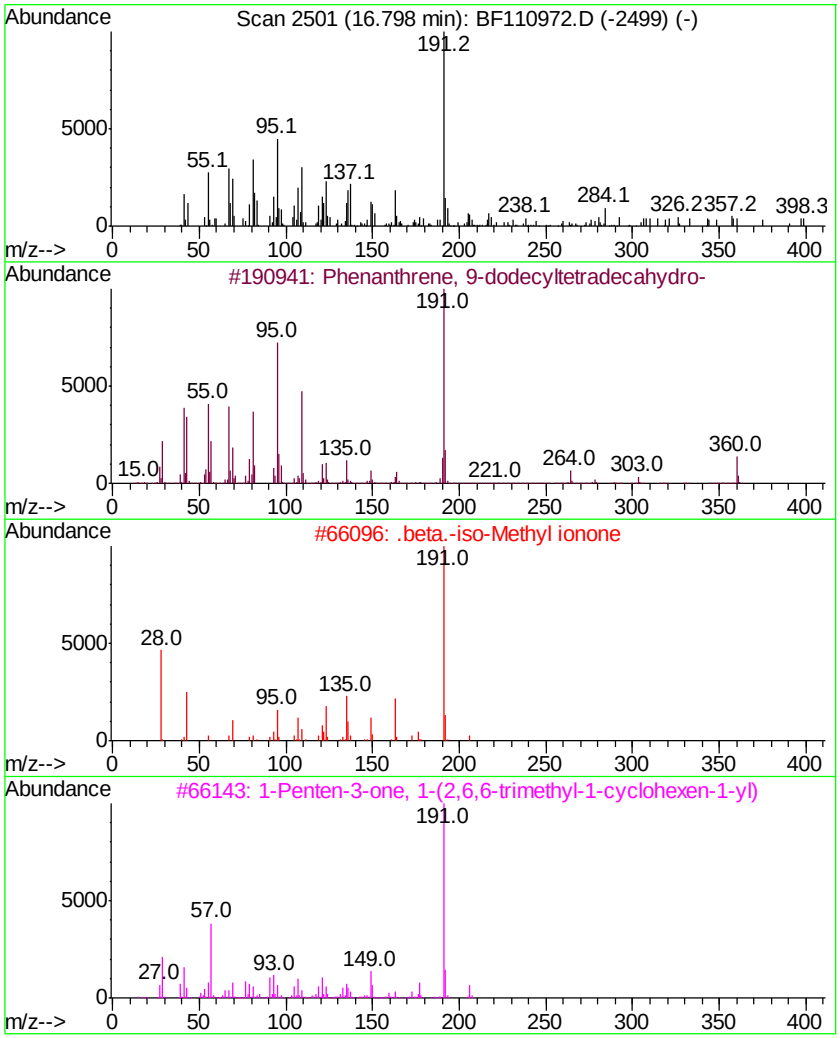
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

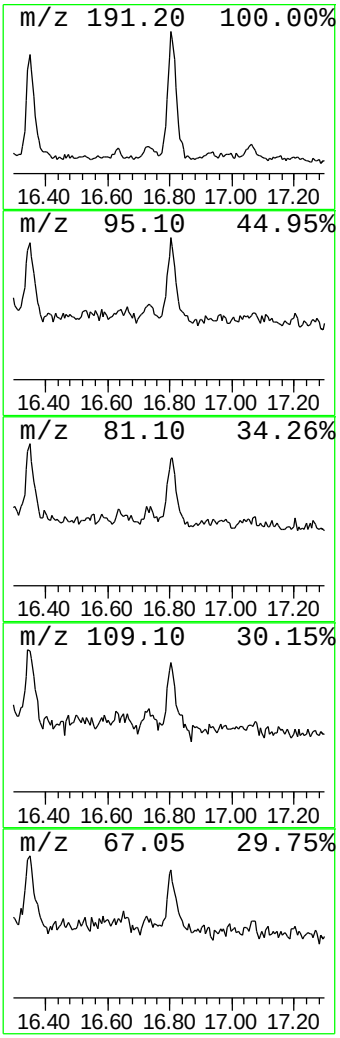
****

Peak Number 17 Phenanthrene, 9-dodecyltetr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	25.77 ng	250785	Perylene-d12	15.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-dodecyltetradeca...	360	C26H48	055334-01-5	76
2	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	68
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
4	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112618\
Data File : BF110972.D
Acq On : 26 Nov 2018 19:10
Operator : JU/SJ
Sample : J5996-25 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AOC1-06-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF112618.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...	2.19	4.3	ng	92720	1	6.93	426563	20.0
2-Pentanone, 4-hy...	5.16	8.0	ng	169647	1	6.93	426563	20.0
unknown6.70	6.70	35.0	ng	746707	1	6.93	426563	20.0
Dodecane, 2,6,11-...	9.22	2.1	ng	47222	3	9.98	454984	20.0
unknown9.36	9.36	2.1	ng	48685	3	9.98	454984	20.0
unknown10.38	10.38	2.1	ng	46895	3	9.98	454984	20.0
Heptadecane, 7-me...	10.60	3.1	ng	69504	3	9.98	454984	20.0
Pentadecane, 2,6,...	10.87	5.4	ng	125869	4	11.47	469283	20.0
Hexadecane, 2,6,1...	11.33	2.3	ng	53247	4	11.47	469283	20.0
n-Hexadecanoic acid	11.97	2.6	ng	61830	4	11.47	469283	20.0
9,10-Dimethylanth...	12.53	3.0	ng	70310	4	11.47	469283	20.0
Octadecane	13.93	2.6	ng	51614	5	14.13	389003	20.0
Heneicosane	14.55	2.9	ng	56292	5	14.13	389003	20.0
Heptadecane	14.86	4.4	ng	86361	5	14.13	389003	20.0
Phenanthrene, 9-d...	16.80	25.8	ng	250785	6	15.67	194619	20.0