LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

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-BF110818.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	2.187	13	17	28	rVB2	31870	51847	7.09%	0.600%
2	5.157	520	522	528	rBV	15004	19429	2.66%	0.225%
3	5.551	586	589	611	rBV	529797	616152	84.22%	7.125%
4	6.563	757	761	780	rBV	556230	684583	93.57%	7.917%
5	6.704	782	785	792	rBV	765581	674624	92.21%	7.801%
6	6.939	821	825	839	rVB	409862	376427	51.45%	4.353%
7	7.092	847	851	864	rBV	582743	514067	70.26%	5.945%
8	7.504	917	921	939	rBV	347894	411735	56.28%	4.761%
9	8.222	1039	1043	1062	rVB	494495	490115	66.99%	5.668%
10	8.792	1138	1140	1146	rVB	8154	8089	1.11%	0.094%
11	9.039	1179	1182	1186	rBV	7184	8349	1.14%	0.097%
12	9.292	1222	1225	1234	rBV	844583	731634	100.00%	8.461%
13	9.363	1234	1237	1241	rVB	10823	11822	1.62%	0.137%
14	9.692	1287	1293	1299	rVB	49193	61397	8.39%	0.710%
15	9.845	1314	1319	1323	rBV3	7876	10354	1.42%	0.120%
16	9.892	1323	1327	1332	rBV2	10770	13834	1.89%	0.160%
17	9.980	1339	1342	1355	rVB	537865	496960	67.92%	5.747%
18	10.386	1404	1411	1415	rBV2	15291	18316	2.50%	0.212%
19	10.610	1445	1449	1452	rBV	8434	11182	1.53%	0.129%
20	10.775	1474	1477	1486	rBV	370467	354921	48.51%	4.104%
21	10.863	1489	1492	1498	rVB3	15050	19255	2.63%	0.223%
22	11.310	1566	1568	1571	rBV	10496	10858	1.48%	0.126%
23	11.475	1593	1596	1599	rBV	453866	419483	57.34%	4.851%
24	11.498	1599	1600	1608	rVB	42459	38990	5.33%	0.451%
25	11.739	1638	1641	1644	rVB	15275	12575	1.72%	0.145%
26	11.980	1678	1682	1685	rBV	48145	52348	7.15%	0.605%
27	12.010	1685	1687	1691	rVB	17206	18297	2.50%	0.212%
28	12.092	1698	1701	1703	rBV2	15381	16469	2.25%	0.190%
29	12.116	1703	1705	1708	rVV	25425	21066	2.88%	0.244%
30	12.145	1708	1710	1713	rVB	14665	10779	1.47%	0.125%
31	12.533	1772	1776	1778	rBV2	52395	56648	7.74%	0.655%
32	12.698	1800	1804	1807	rBV	65159	62612	8.56%	0.724%
33	12.780	1813	1818	1820	rBV5	26103	35322	4.83%	0.408%
34	12.798	1820	1821	1825	rVB4	17343	9174	1.25%	0.106%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

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-BF110818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.910	1837	1840	1841	rBV2	24475	22076	3.02%	0.255%
36	12.927	1841	1843	1849	rVB	81114	80216	10.96%	0.928%
37	12.974	1849	1851	1855	rBV2	15220	17235	2.36%	0.199%
38	13.033	1857	1861	1862	rBV3	8347	12126	1.66%	0.140%
39	13.057	1862	1865	1869	rBV	779784	614734	84.02%	7.109%
40	13.263	1894	1900	1904	rVB7	28369	46578	6.37%	0.539%
41	13.298	1904	1906	1907	rBV2	9427	8829	1.21%	0.102%
42	13.357	1914	1916	1919	rBV3	9564	8535	1.17%	0.099%
43	13.457	1931	1933	1935	rBV2	11969	9350	1.28%	0.108%
44	13.486	1936	1938	1941	rVB2	16715	13293	1.82%	0.154%
45	13.604	1955	1958	1961	rBV2	29187	32284	4.41%	0.373%
46	13.933	2011	2014	2020	rBV2	68000	75546	10.33%	0.874%
47	14.127	2043	2047	2050	rBV	511792	532462	72.78%	6.157%
48	14.251	2066	2068	2071	rVB	37108	33595	4.59%	0.388%
49	14.557	2117	2120	2126	rBV2	69998	93925	12.84%	1.086%
50	14.874	2171	2174	2177	rVB	63562	57145	7.81%	0.661%
51	15.227	2231	2234	2237	rVB	145878	160174	21.89%	1.852%
52	15.662	2304	2308	2312	rVB	214331	272356	37.23%	3.150%
53	16.074	2374	2378	2384	rVB	81981	135014	18.45%	1.561%
54	16.598	2464	2467	2472	rVB	44130	72266	9.88%	0.836%

Sum of corrected areas: 8647452

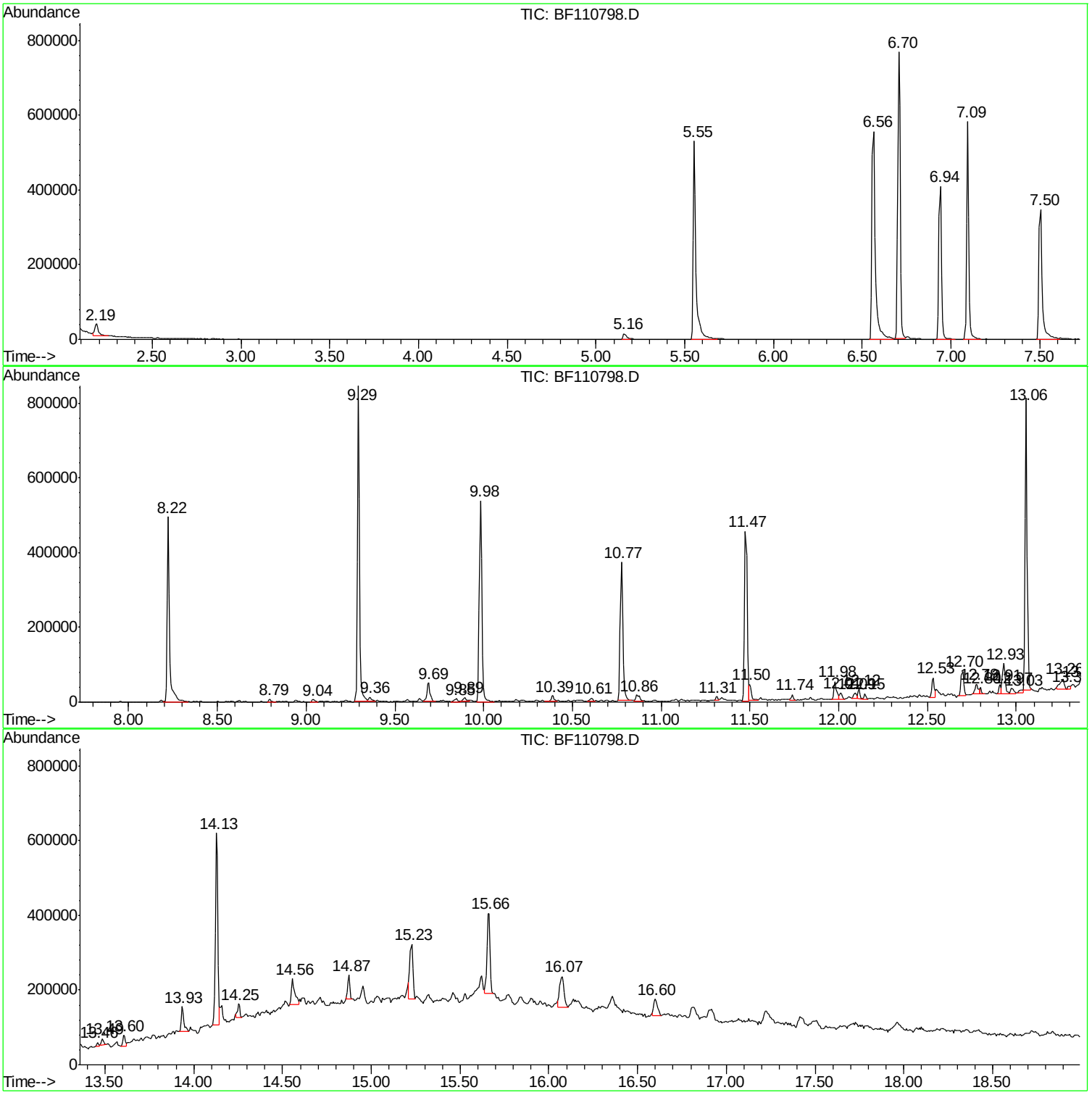
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

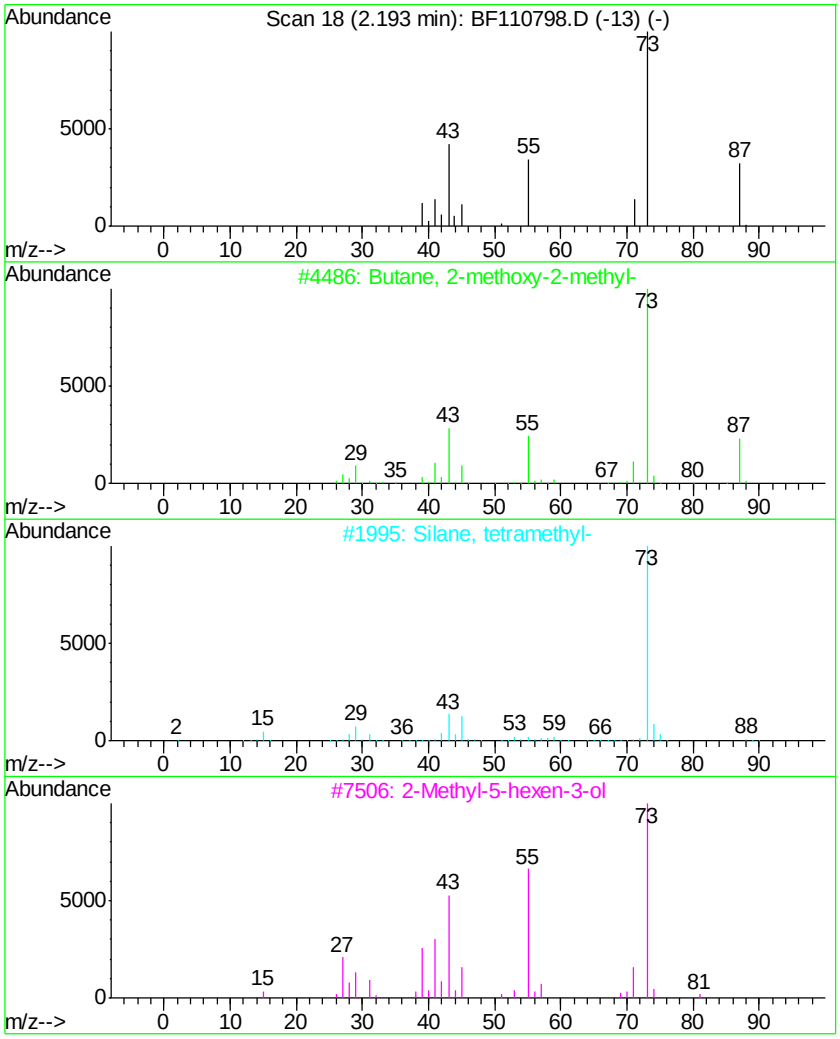
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

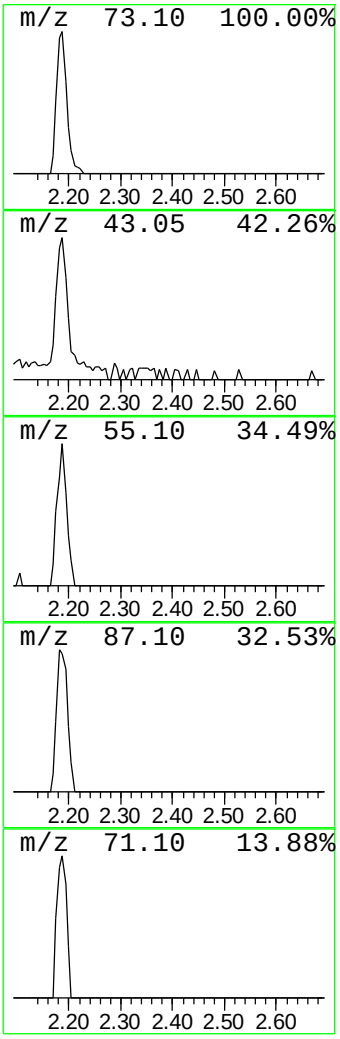
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	2.75 ng	51847	1,4-Dichlorobenzene-d4	6.94

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	9
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

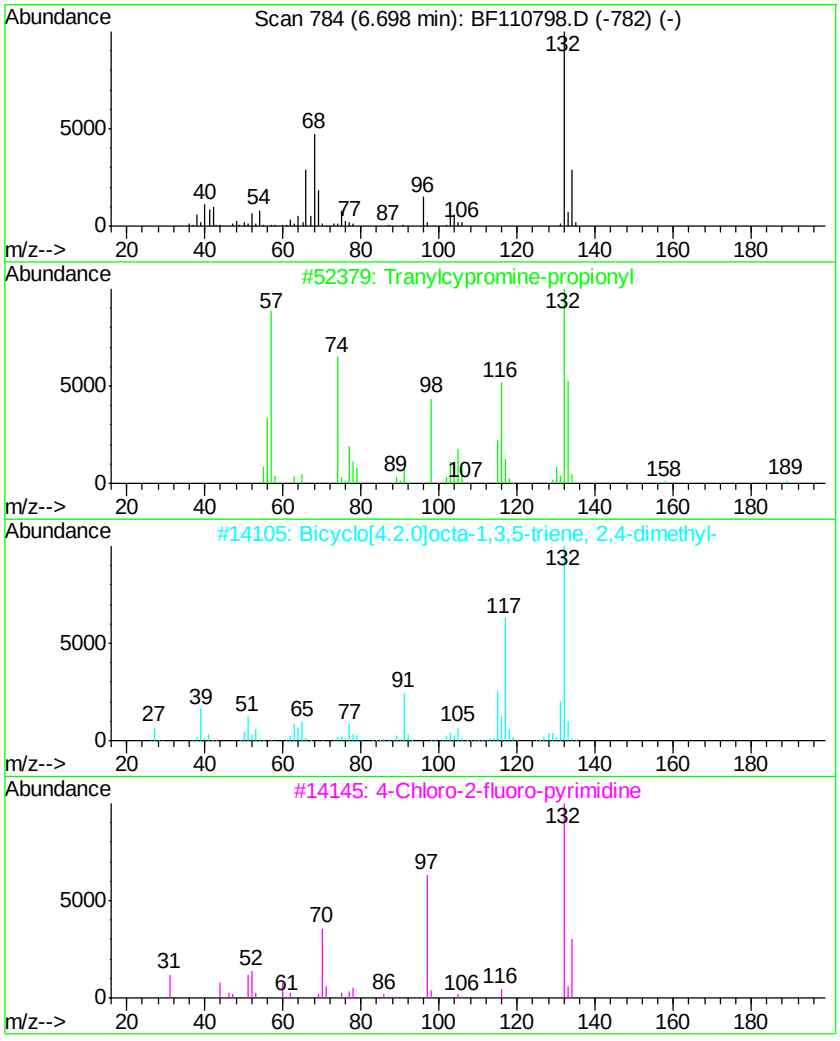
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

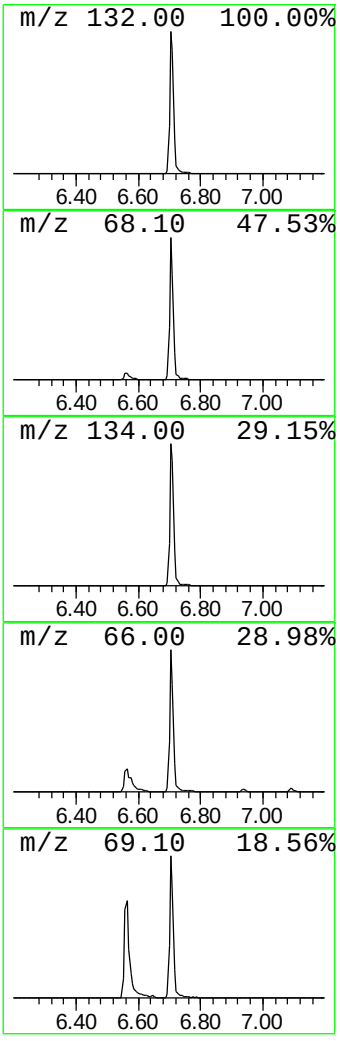
****

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	35.84 ng	674624	1,4-Dichlorobenzene-d4	6.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

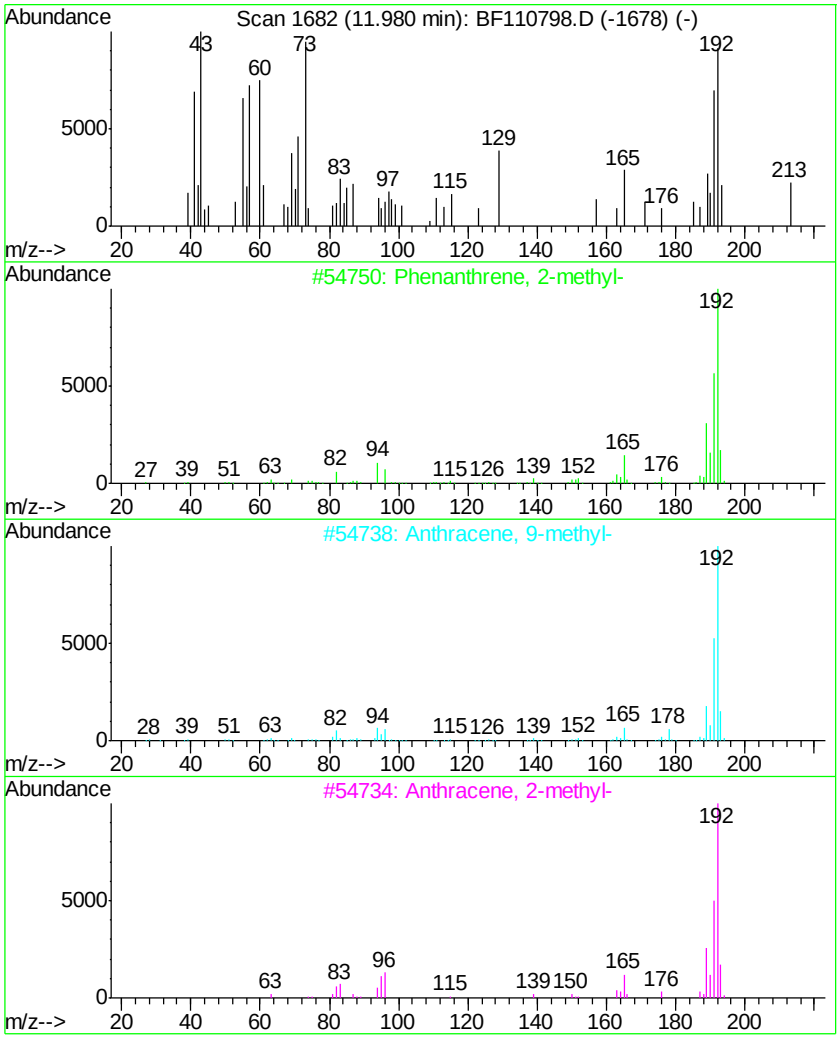
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

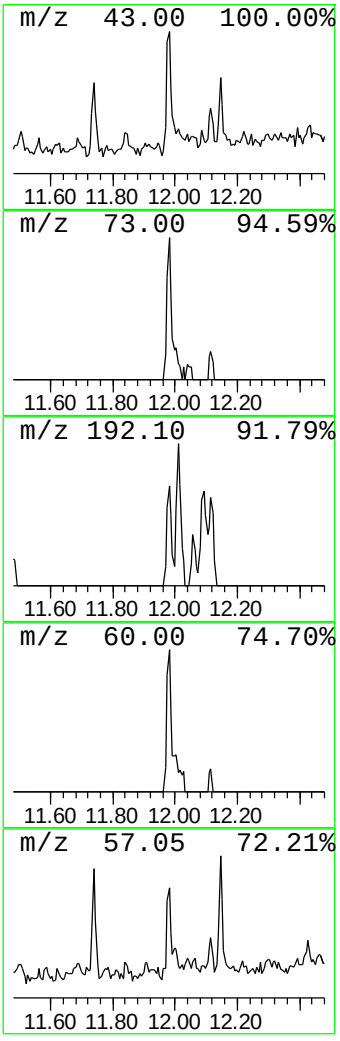
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	2.50 ng	52348	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

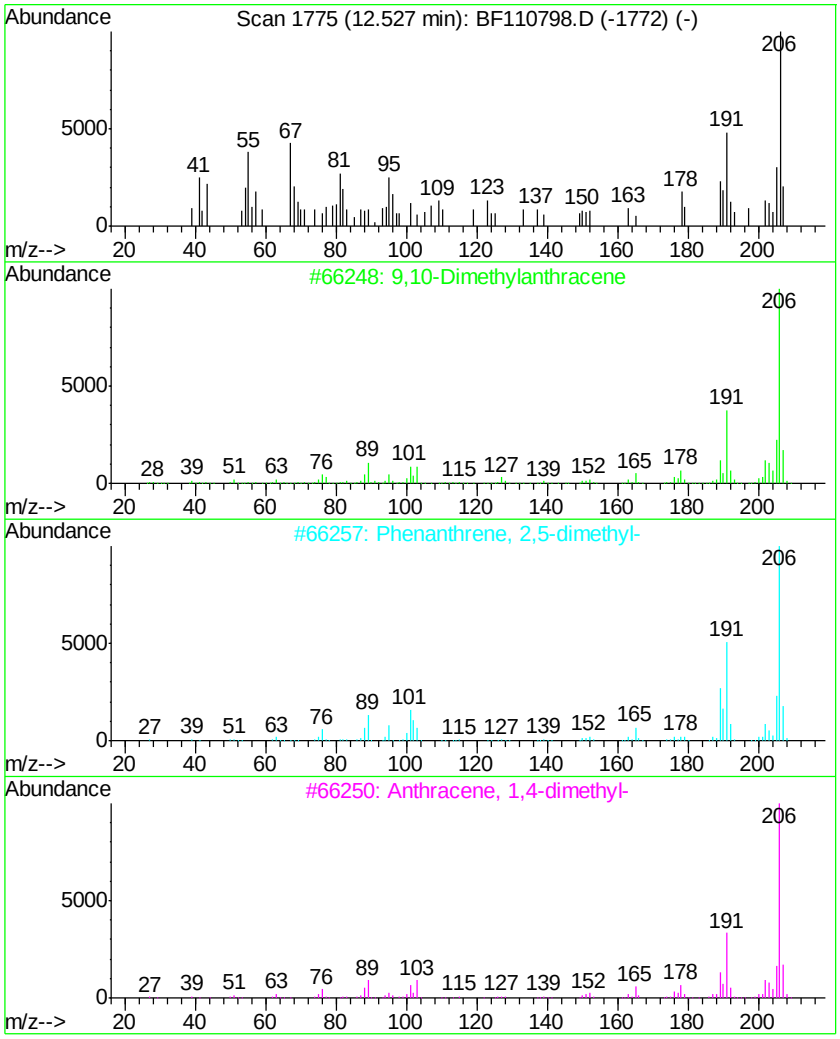
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

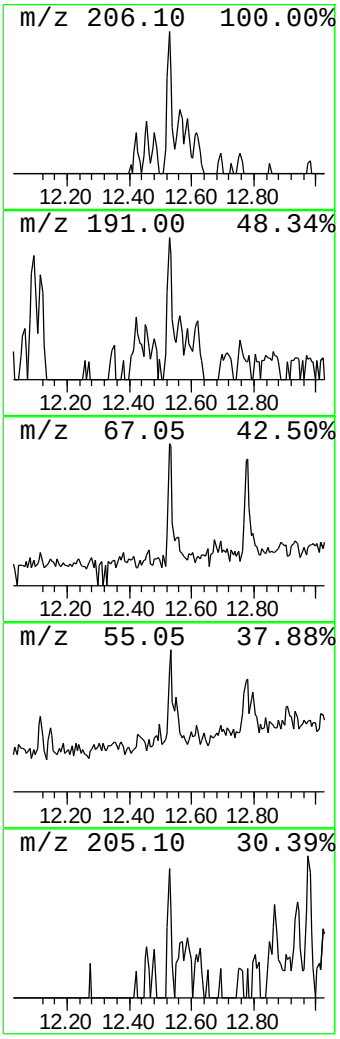
****

Peak Number 5 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.53	2.70 ng	56648	Phenanthrene-d10	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	60
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	53
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

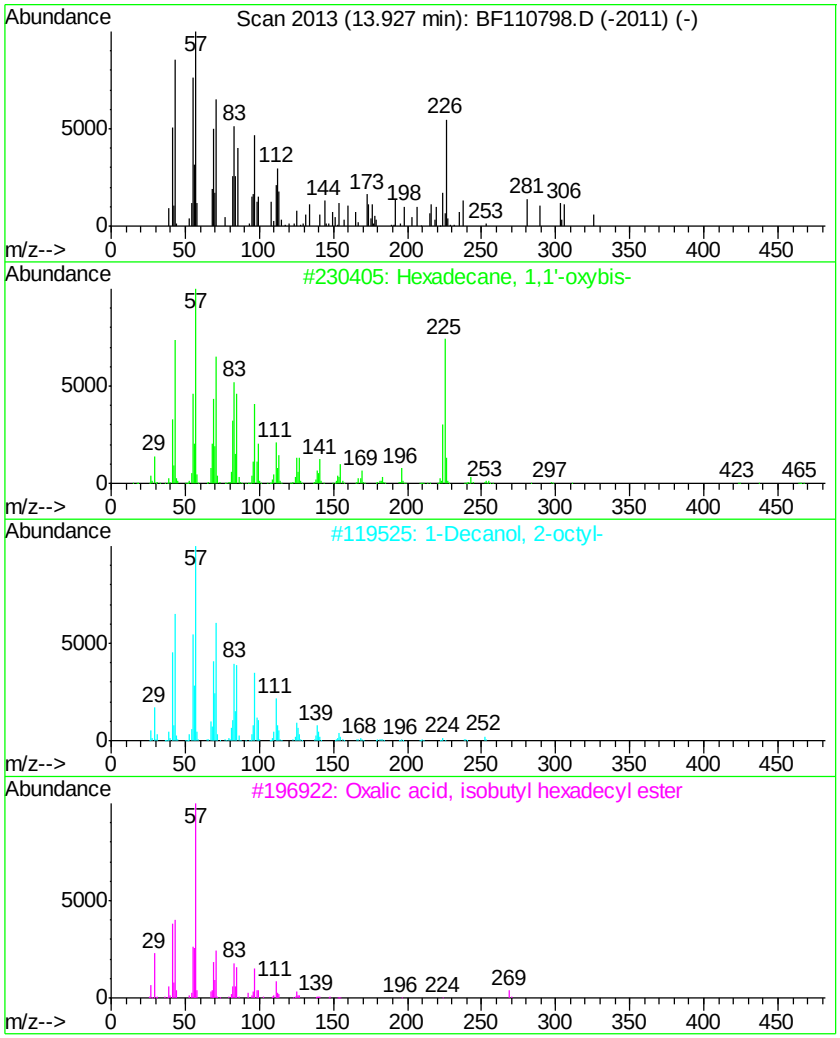
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

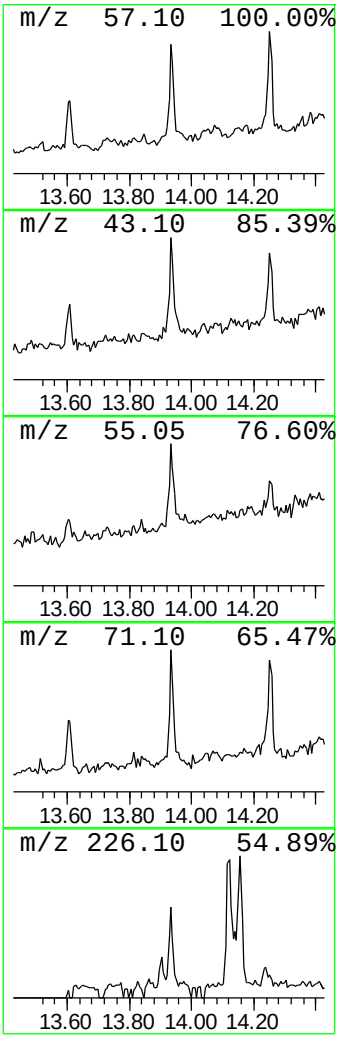
****

Peak Number 6 Hexadecane, 1,1'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	2.84 ng	75546	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1,1'-oxybis-	467	C32H66O	004113-12-6	68
2	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	68
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	62
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	58
5	Cyclohexadecane	224	C16H32	000295-65-8	53





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Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

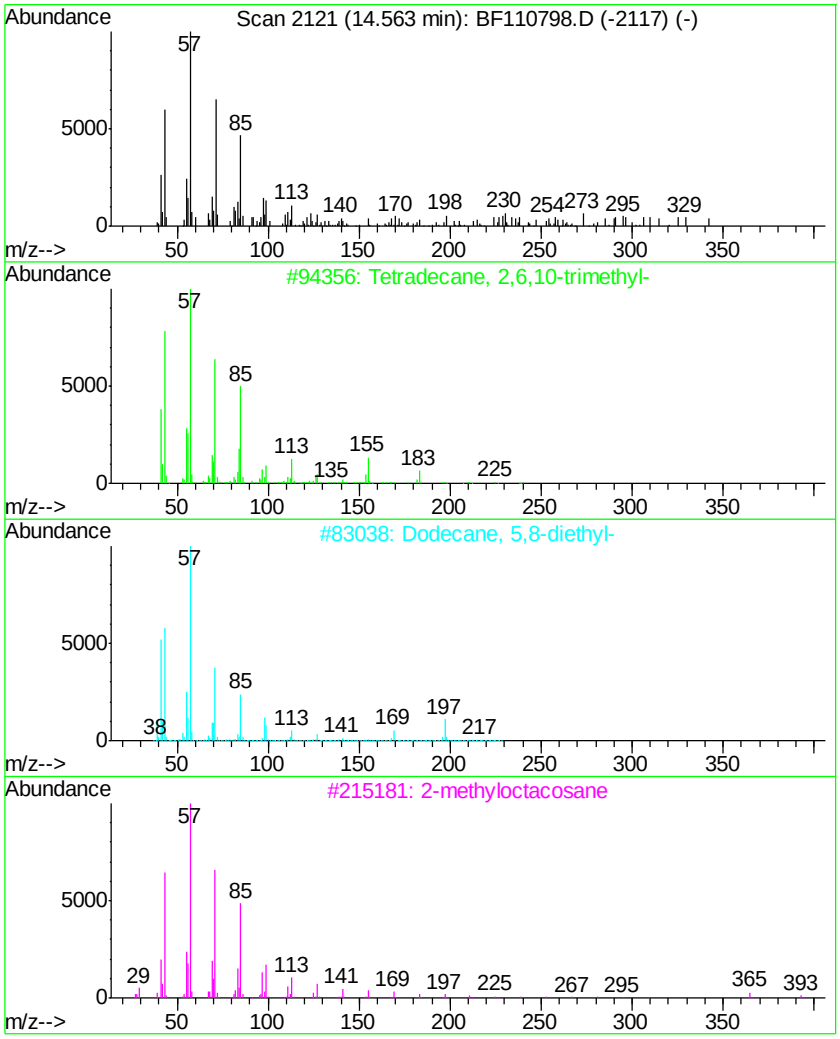
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

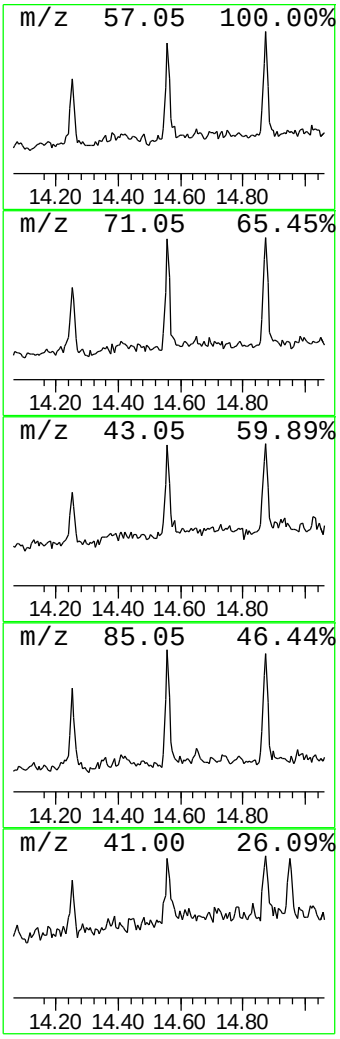
****

Peak Number 7 Tetradecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	3.53 ng	93925	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
2	Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	76
3	2-methyloctacosane	408	C29H60	1000376-72-8	74
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	74
5	Tricosane	324	C23H48	000638-67-5	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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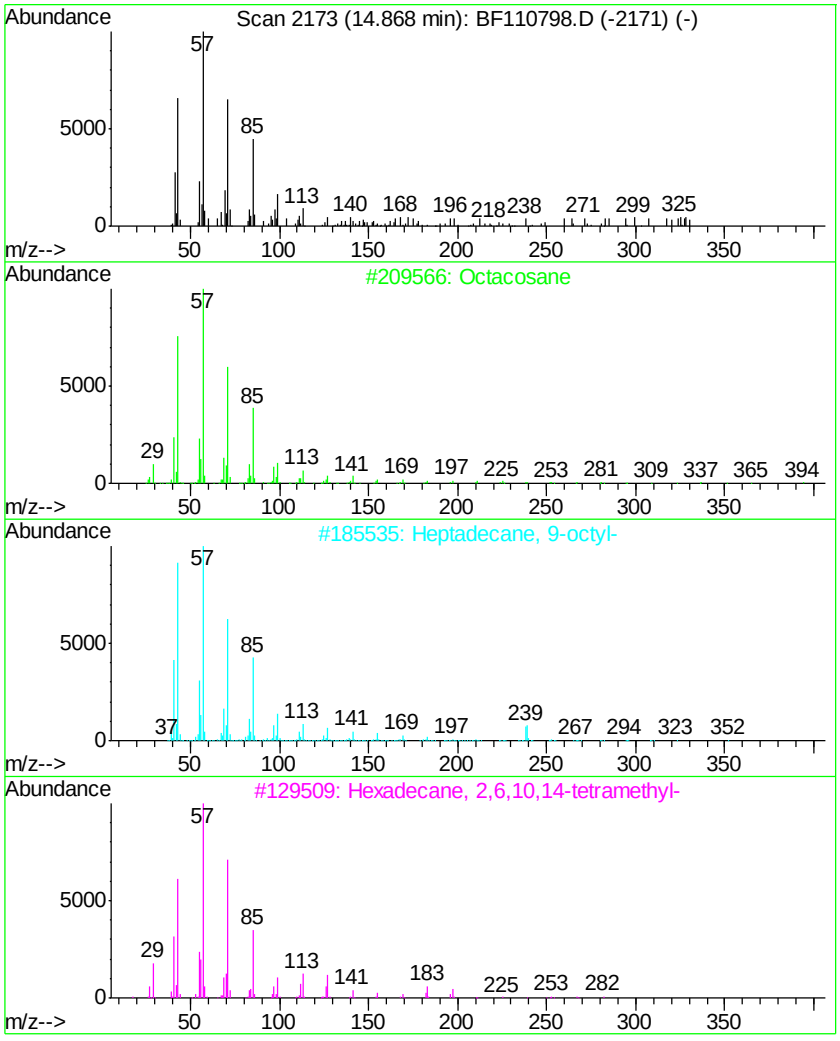
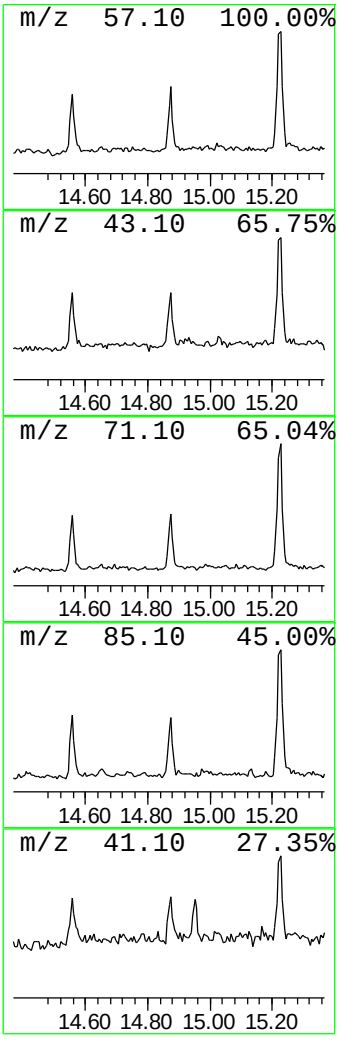
Peak Number 8 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.15 ng	57145	Chrysene-d12	14.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Pentadecane	212	C15H32	000629-62-9	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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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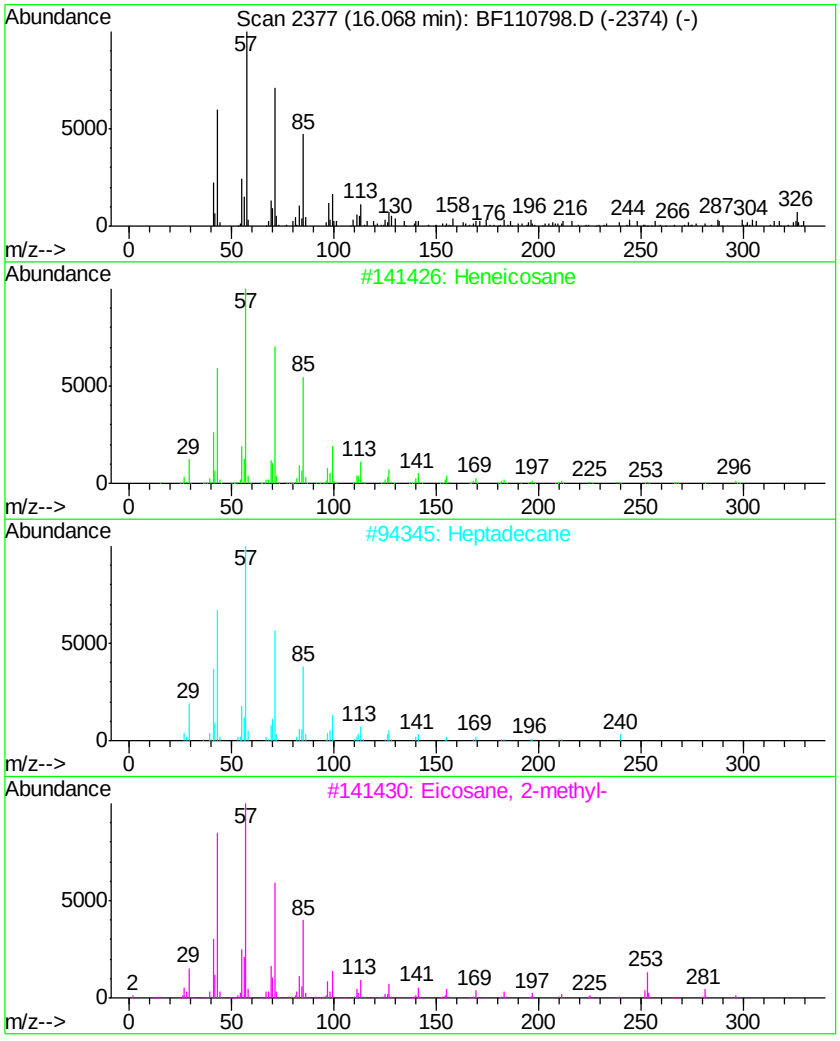
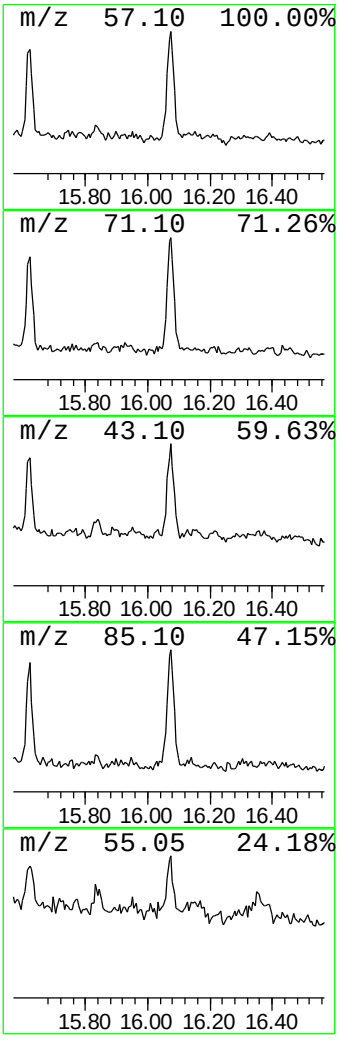
Peak Number 9 Heneicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	9.91 ng	135014	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heptadecane	240	C17H36	000629-78-7	87
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	86
4	Hexacosane	366	C26H54	000630-01-3	86
5	Octacosane	394	C28H58	000630-02-4	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

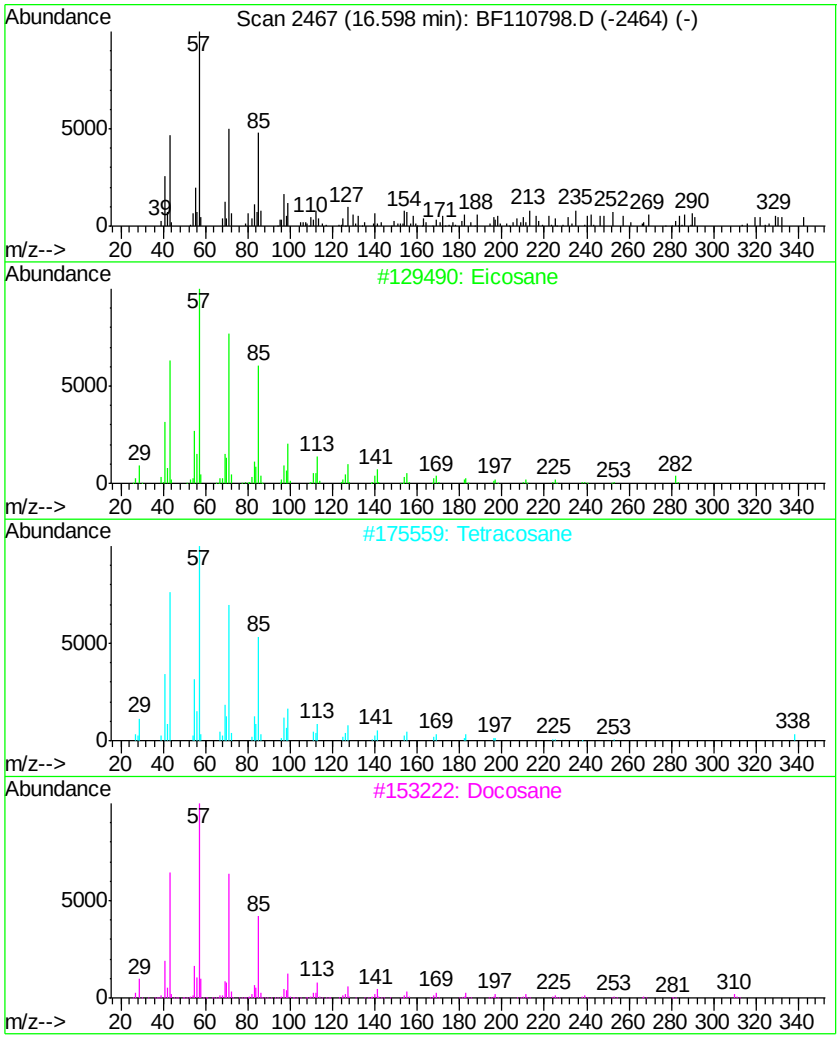
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

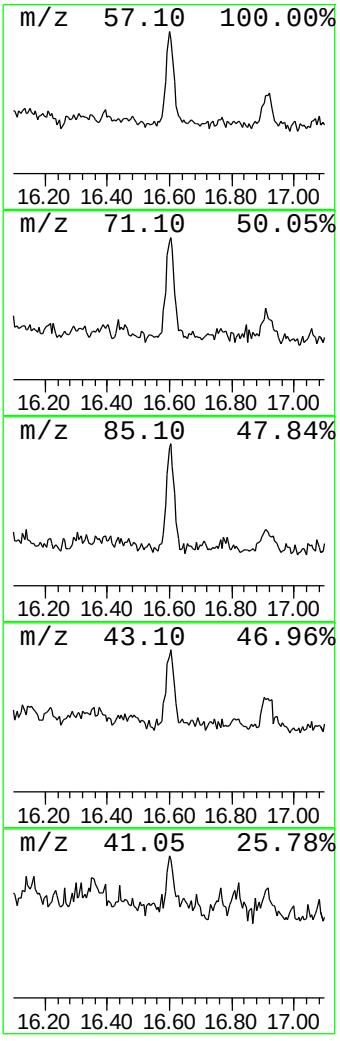
****

Peak Number 10 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	5.31 ng	72266	Perylene-d12	15.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	58
2	Tetracosane	338	C24H50	000646-31-1	50
3	Docosane	310	C22H46	000629-97-0	50
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	50
5	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111518\
Data File : BF110798.D
Acq On : 15 Nov 2018 19:45
Operator : JU/SJ
Sample : J5767-13 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-01-111418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.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	2.8	ng	51847	1	6.94	376427	20.0
unknown6.70	6.70	35.8	ng	674624	1	6.94	376427	20.0
Phenanthrene, 2-m...	11.98	2.5	ng	52348	4	11.47	419483	20.0
9,10-Dimethylanth...	12.53	2.7	ng	56648	4	11.47	419483	20.0
Hexadecane, 1,1'-...	13.93	2.8	ng	75546	5	14.13	532462	20.0
Tetradecane, 2,6,...	14.56	3.5	ng	93925	5	14.13	532462	20.0
Octacosane	14.87	2.1	ng	57145	5	14.13	532462	20.0
Heneicosane	16.07	9.9	ng	135014	6	15.66	272356	20.0
Eicosane	16.60	5.3	ng	72266	6	15.66	272356	20.0