LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	1.558	9	12	56	rVB	1165191	2743423	100.00%	31.160%
2	5.275	640	644	651	rBV3	14408	44900	1.64%	0.510%
3	6.951	926	929	933	rBV3	23578	45165	1.65%	0.513%
4	6.992	933	936	951	rVV	69946	233278	8.50%	2.650%
5	7.098	951	954	966	rVB2	13953	28190	1.03%	0.320%
6	7.292	983	987	999	rBV	285974	417078	15.20%	4.737%
7	7.534	1024	1028	1044	rBV	90192	153179	5.58%	1.740%
8	8.251	1145	1150	1159	rBV	26072	72546	2.64%	0.824%
9	8.339	1160	1165	1170	rVB	28445	43401	1.58%	0.493%
10	8.945	1259	1268	1272	rBV7	13725	35996	1.31%	0.409%
11	9.328	1325	1333	1345	rBV	412740	665653	24.26%	7.560%
12	9.422	1345	1349	1353	rVB	38199	53882	1.96%	0.612%
13	9.551	1364	1371	1375	rVB	46843	56018	2.04%	0.636%
14	9.692	1390	1395	1400	rBV4	15474	28404	1.04%	0.323%
15	9.863	1420	1424	1433	rVB6	19268	32807	1.20%	0.373%
16	9.957	1433	1440	1444	rBV6	21301	43634	1.59%	0.496%
17	10.063	1452	1458	1464	rBV7	20044	33689	1.23%	0.383%
18	10.133	1464	1470	1473	rBV	69148	95946	3.50%	1.090%
19	10.410	1514	1517	1522	rVB2	31244	41688	1.52%	0.473%
20	10.563	1540	1543	1548	rVB2	27450	36739	1.34%	0.417%
21	10.869	1591	1595	1598	rBV2	30074	39463	1.44%	0.448%
22	11.104	1631	1635	1645	rVB	225373	286691	10.45%	3.256%
23	11.333	1667	1674	1681	rVB4	46318	89664	3.27%	1.018%
24	11.404	1681	1686	1690	rBV5	15799	30536	1.11%	0.347%
25	11.516	1702	1705	1712	rBV9	15116	35578	1.30%	0.404%
26	11.592	1712	1718	1721	rVV7	16535	33331	1.21%	0.379%
27	11.627	1721	1724	1728	rVV5	21664	37565	1.37%	0.427%
28	11.669	1728	1731	1736	rVV5	31954	47272	1.72%	0.537%
29	11.751	1736	1745	1748	rVV9	17424	41649	1.52%	0.473%
30	11.792	1750	1752	1756	rVV4	24770	43059	1.57%	0.489%
31	11.845	1756	1761	1765	rVV	92449	138873	5.06%	1.577%
32	11.998	1782	1787	1796	rVB7	24867	59733	2.18%	0.678%
33	12.145	1807	1812	1817	rBV2	382899	502439	18.31%	5.707%
34	12.192	1817	1820	1826	rVB4	34558	52883	1.93%	0.601%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.698	1903	1906	1912	rVB6	19142	33296	1.21%	0.378%
36	12.998	1954	1957	1962	rVB2	22375	27757	1.01%	0.315%
37	13.357	2011	2018	2022	rBV	29272	49759	1.81%	0.565%
38	13.469	2035	2037	2045	rBV8	15720	33836	1.23%	0.384%
39	13.792	2085	2092	2097	rBV2	48076	90951	3.32%	1.033%
40	14.539	2215	2219	2231	rVB2	345852	503860	18.37%	5.723%
41	15.410	2363	2367	2370	rVB5	19890	34424	1.25%	0.391%
42	15.545	2387	2390	2395	rBV6	20252	35348	1.29%	0.401%
43	16.074	2477	2480	2483	rBV4	17909	28687	1.05%	0.326%
44	16.374	2528	2531	2536	rVB	63248	87624	3.19%	0.995%
45	16.610	2568	2571	2574	rBV4	29830	42484	1.55%	0.483%
46	16.680	2578	2583	2587	rBV	76018	129660	4.73%	1.473%
47	16.915	2620	2623	2631	rVB	185249	249912	9.11%	2.839%
48	17.986	2802	2805	2809	rBV5	40599	67634	2.47%	0.768%
49	18.274	2850	2854	2858	rBV	426853	557074	20.31%	6.327%
50	19.950	3136	3139	3143	rVB	306475	361290	13.17%	4.104%
51	21.180	3345	3348	3354	rVB8	65683	126420	4.61%	1.436%

Sum of corrected areas: 8804368

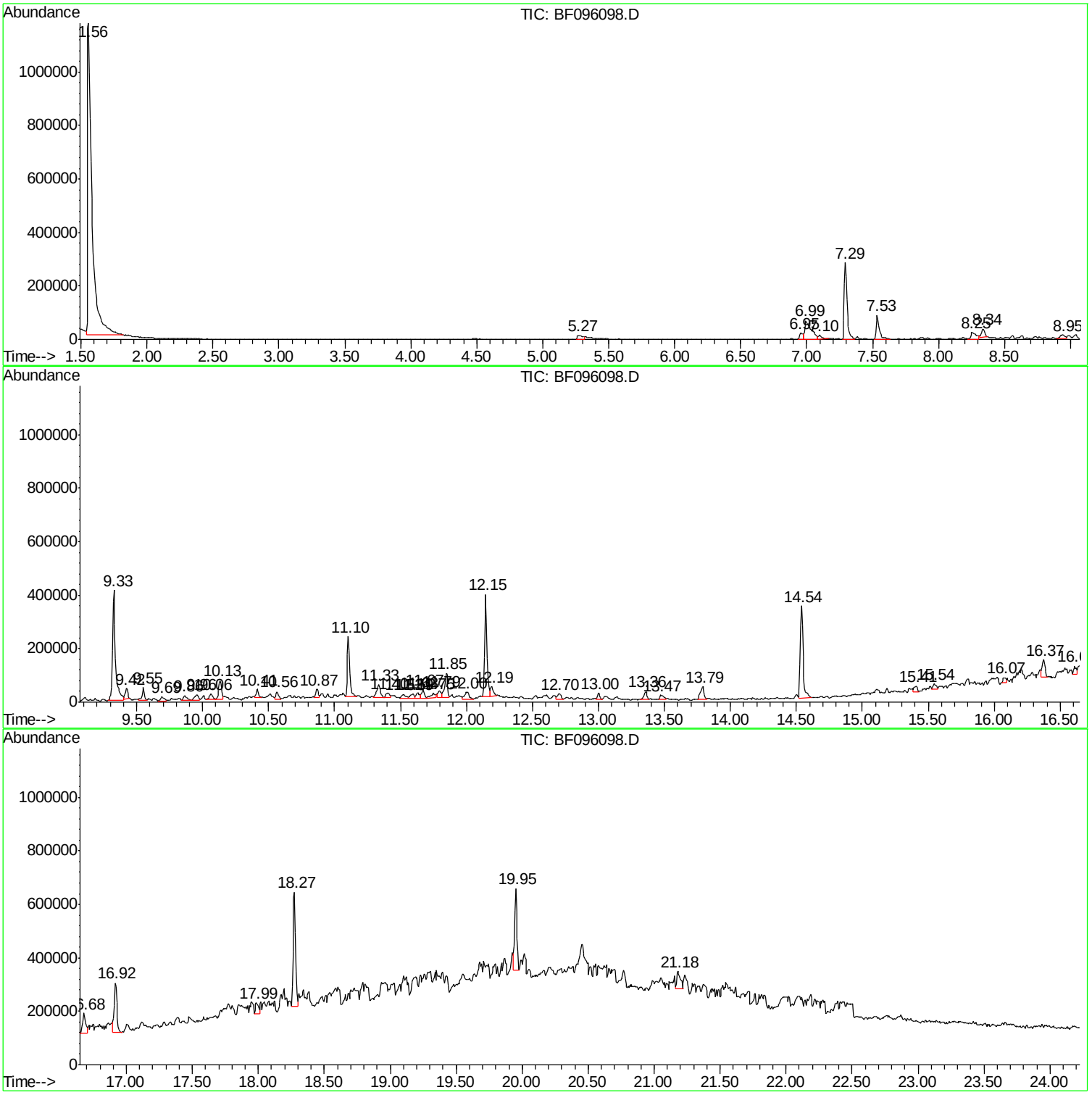
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

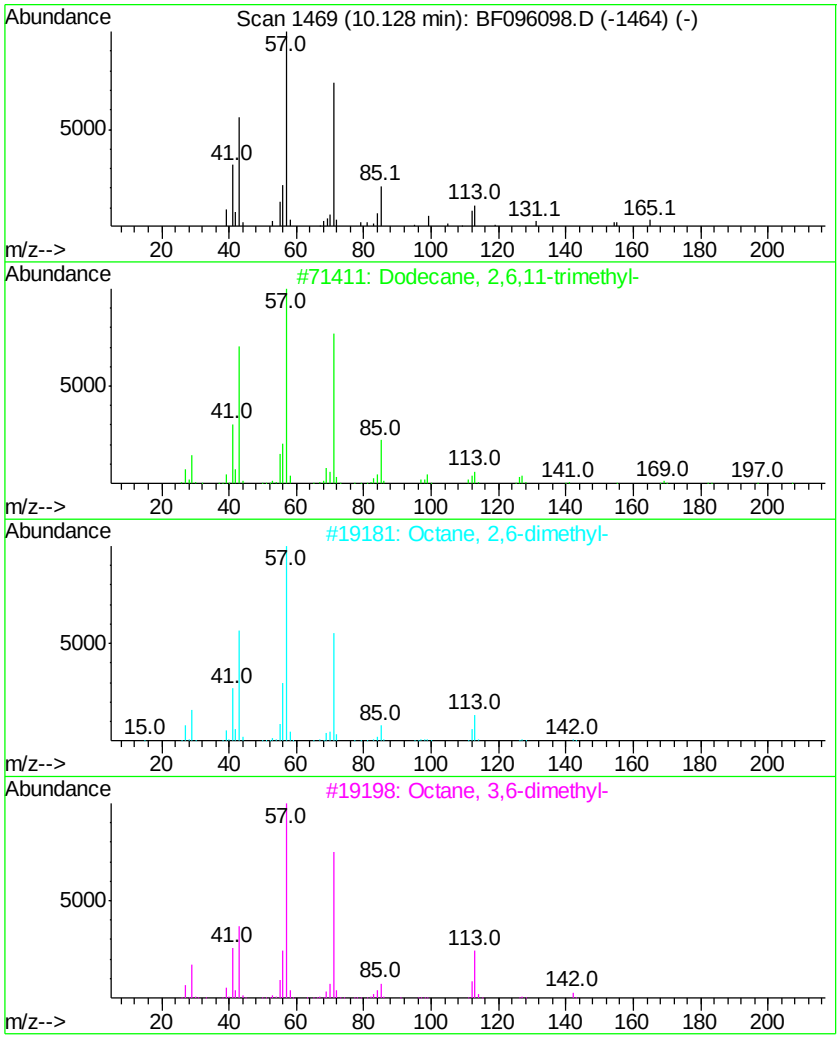
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

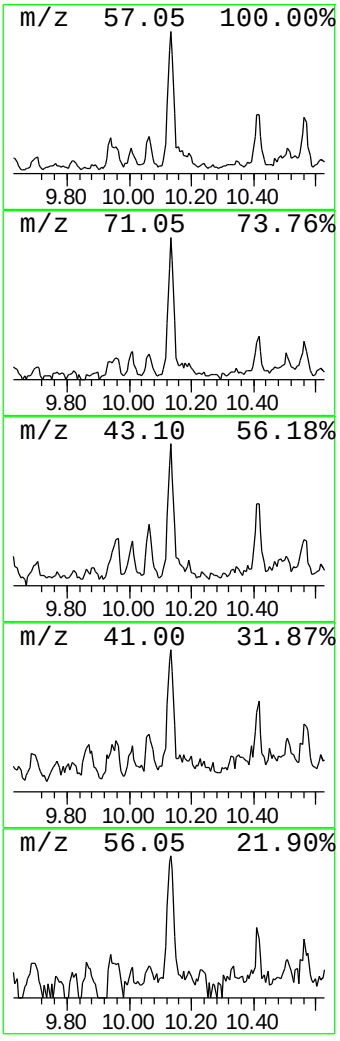
****

Peak Number 3 Dodecane, 2,6,11-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	2.88 ng	95946	Naphthalene-d8	9.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	59
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

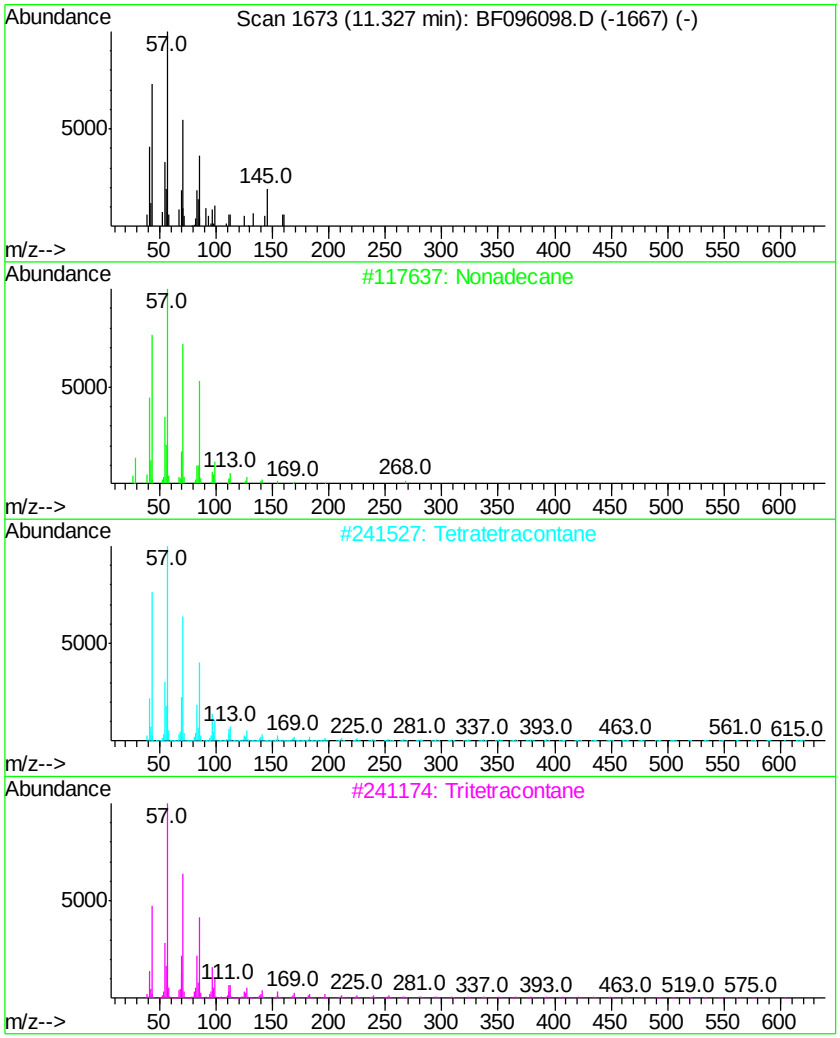
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

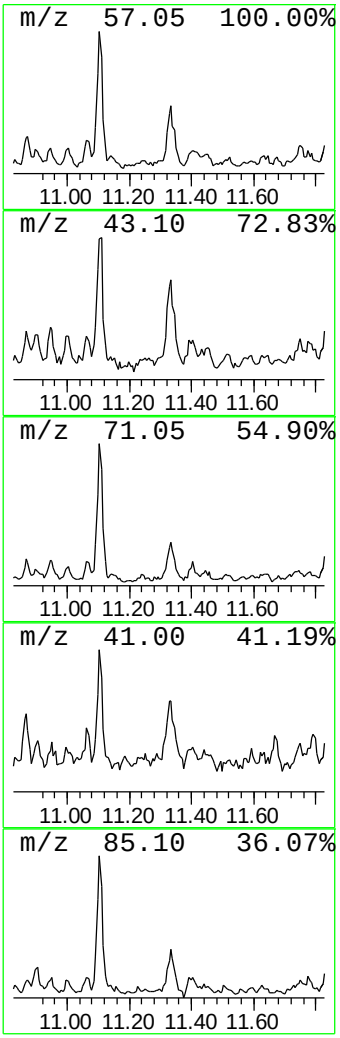
****

Peak Number 4 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	3.57 ng	89664	Acenaphthene-d10	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	58
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Tritetracontane	605	C43H88	007098-21-7	58
4	Tetradecane	198	C14H30	000629-59-4	52
5	10-Methylnonadecane	282	C20H42	056862-62-5	52





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

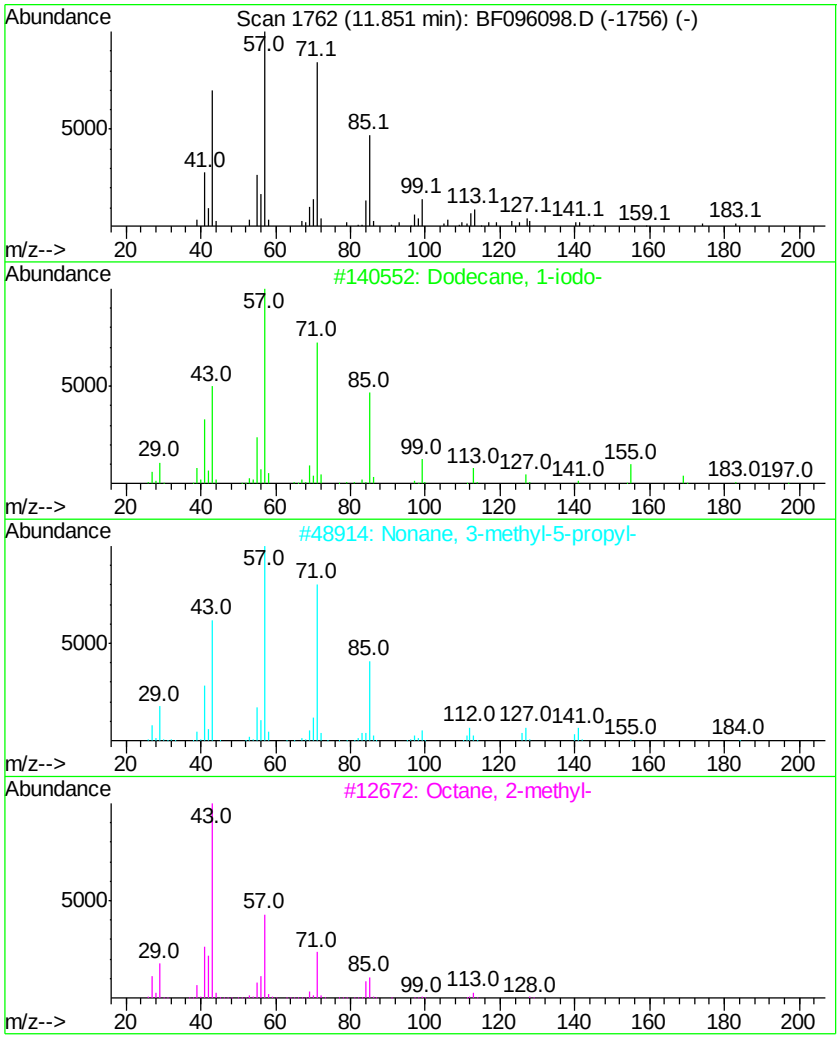
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

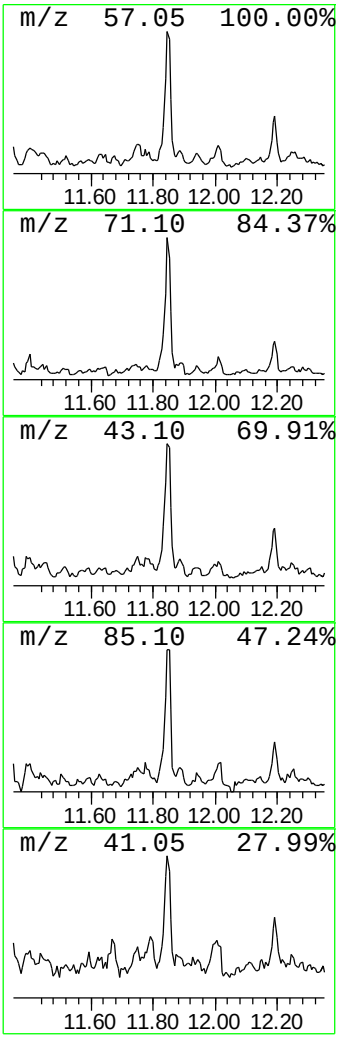
****

Peak Number 5 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.53 ng	138873	Acenaphthene-d10	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
2	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
3	Octane, 2-methyl-	128	C9H20	003221-61-2	68
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096098.D
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Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

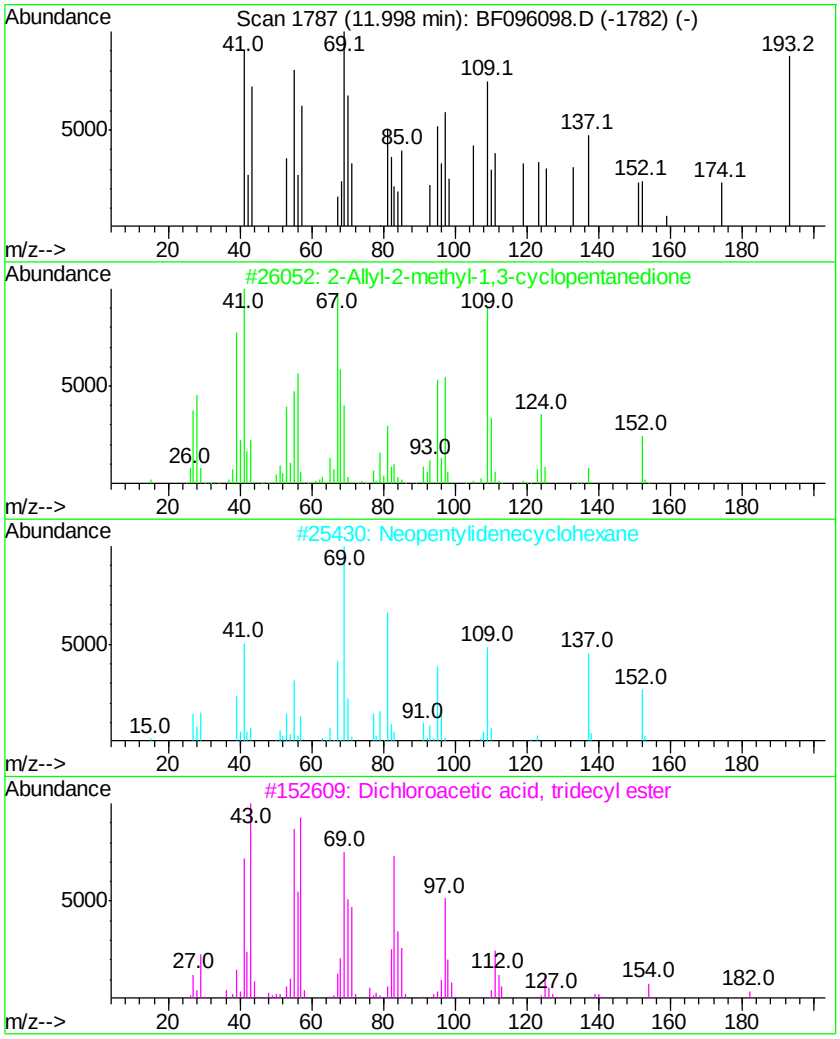
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

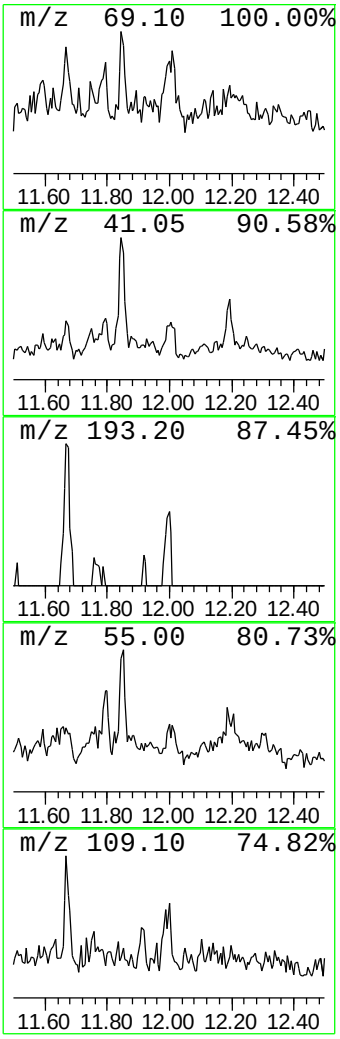
****

Peak Number 6 unknown12.00 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.38 ng	59733	Acenaphthene-d10	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Allyl-2-methyl-1,3-cyclopentan...	152	C9H12O2	026828-48-8	30
2	Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	22
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	22
5	Pentafluoropropionic acid, undec...	318	C14H23F5O2	959014-11-0	18





Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
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Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

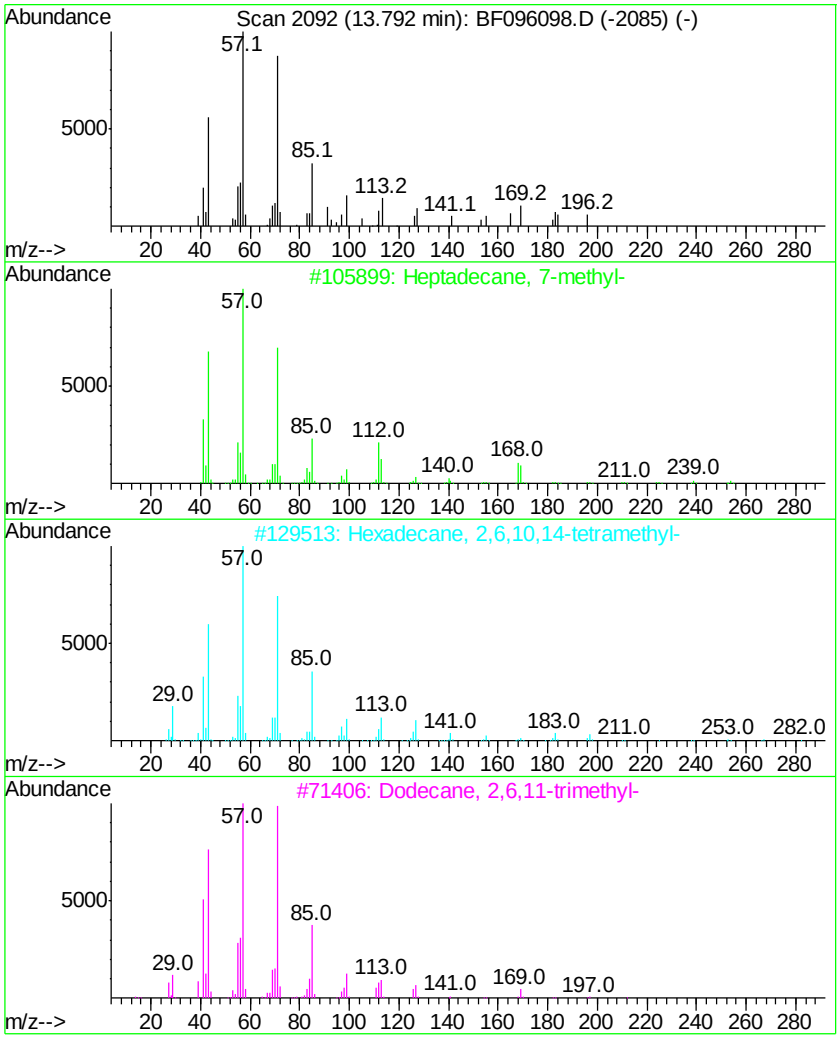
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

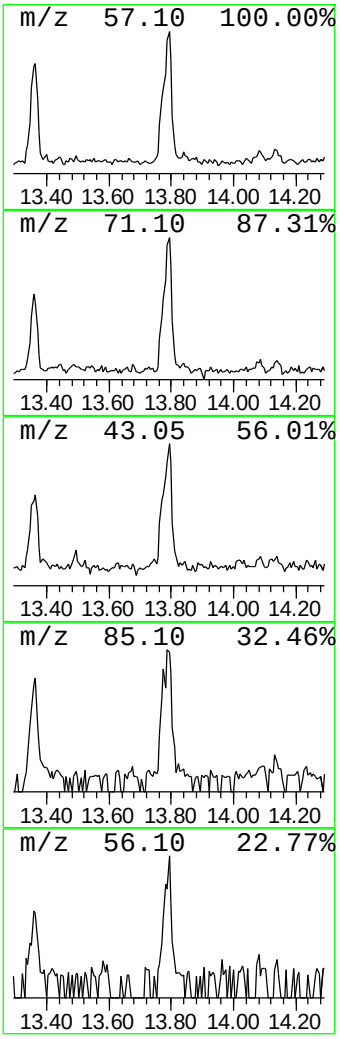
****

Peak Number 7 Heptadecane, 7-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	3.61 ng	90951	Phenanthrene-d10	14.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	78
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64





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Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

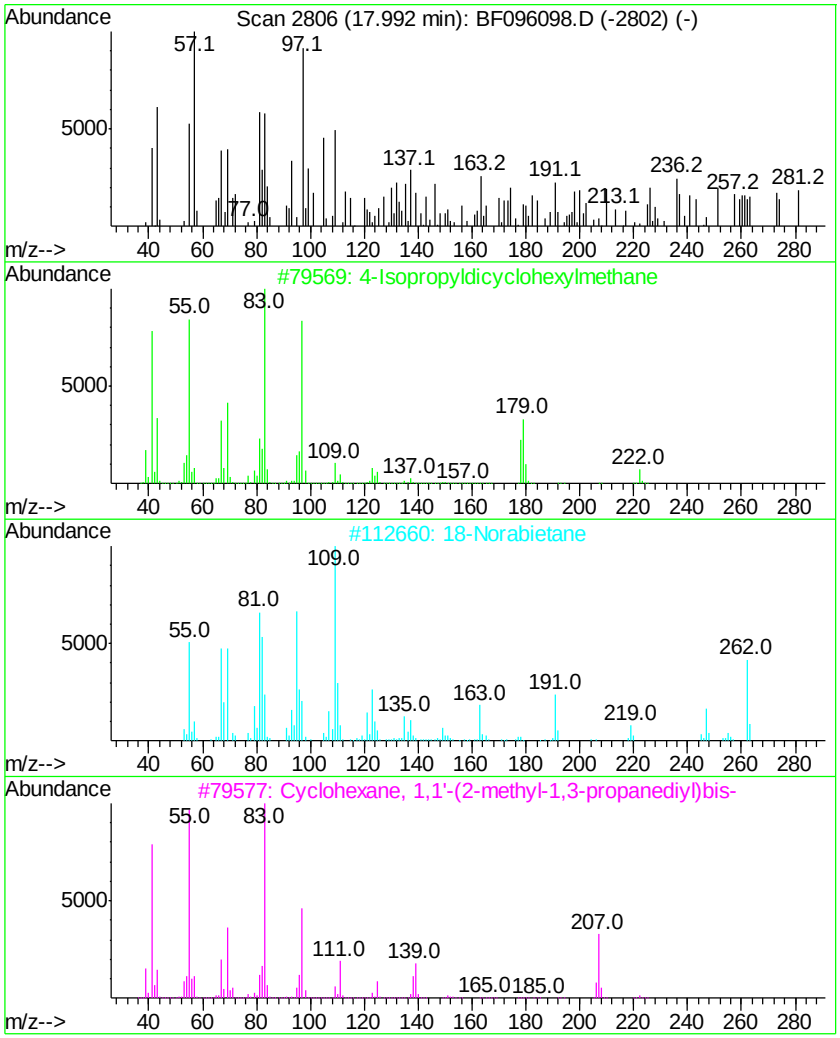
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

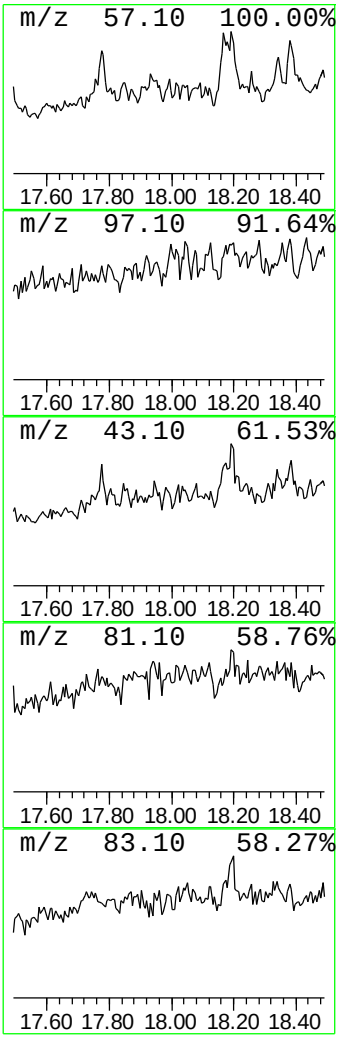
****

Peak Number 8 unknown17.99 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.43 ng	67634	Chrysene-d12	18.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Isopropyldicyclohexylmethane	222	C16H30	054965-61-6	25
2	18-Norabietane	262	C19H34	1000293-16-6	15
3	Cyclohexane, 1,1'-(2-methyl-1,3-...	222	C16H30	002883-08-1	15
4	7-Oxabicyclo[4.1.0]heptane, 1-me...	112	C7H12O	001713-33-3	11
5	Cyclopropane, pentamethyl-	112	C8H16	014172-83-9	11





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

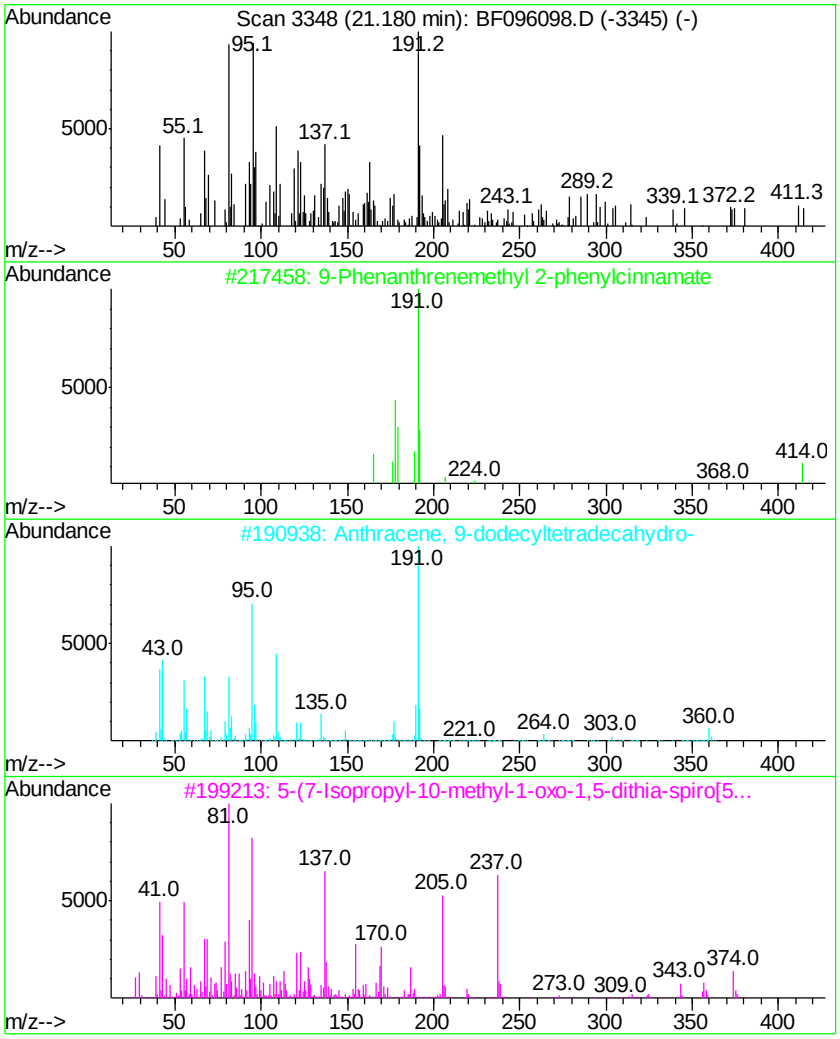
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

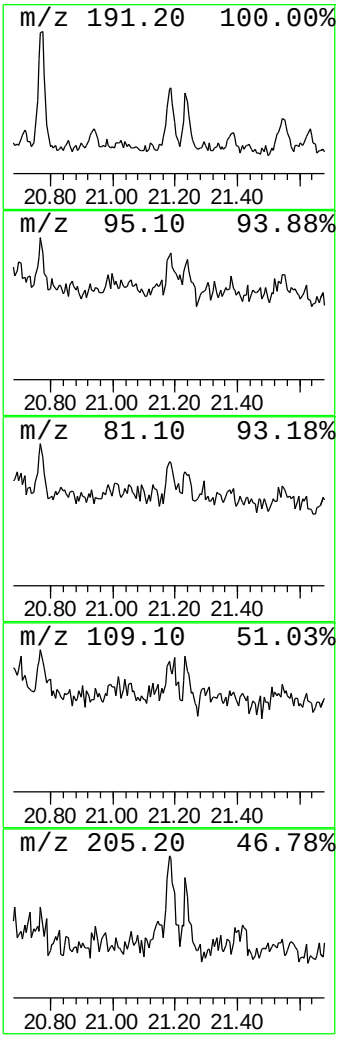
****

Peak Number 9 unknown21.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	7.00 ng	126420	Perylene-d12	19.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Phenanthrenemethyl 2-phenylcin...	414	C30H22O2	1000100-72-8	43
2	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	43
3	5-(7-Isopropyl-10-methyl-1-oxo-1...	374	C19H34O3S2	1000187-13-1	18
4	1-(3-Nitro-phenyl)-pyrrolidine	192	C10H12N2O2	1000300-34-7	18
5	4-Fluoro-3-trifluoromethylbenzoi...	390	C21H30F4O2	1000338-67-8	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062117\
Data File : BF096098.D
Acq On : 21 Jun 2017 22:32
Operator : SJ/MA
Sample : I3736-05 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : G19-0-1.5

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
Dodecane, 2,6,11-...	10.13	2.9	ng	95946	2	9.33	665653	20.0
Nonadecane	11.33	3.6	ng	89664	3	12.15	502439	20.0
Dodecane, 1-iodo-	11.85	5.5	ng	138873	3	12.15	502439	20.0
unknown12.00	12.00	2.4	ng	59733	3	12.15	502439	20.0
Heptadecane, 7-me...	13.79	3.6	ng	90951	4	14.54	503860	20.0
unknown17.99	17.99	2.4	ng	67634	5	18.27	557074	20.0
unknown21.18	21.18	7.0	ng	126420	6	19.95	361290	20.0