LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117041.D
Acq On : 13 Sep 2019 23:45
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

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-BF091319.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	5.446	566	571	574	rBV	1478763	1431037	79.27%	8.360%
2	6.457	738	743	746	rBV	1648119	1608428	89.10%	9.397%
3	6.592	762	766	772	rBV	1869250	1687365	93.47%	9.858%
4	6.822	802	805	814	rBV	501557	416225	23.06%	2.432%
5	6.981	828	832	835	rBV	1447425	1217664	67.45%	7.114%
6	7.381	896	900	912	rBV	1027682	1009859	55.94%	5.900%
7	8.104	1019	1023	1037	rBV	467241	542802	30.07%	3.171%
8	9.175	1201	1205	1216	rBV	2009932	1805196	100.00%	10.546%
9	9.257	1216	1219	1227	rVB7	13220	24943	1.38%	0.146%
10	9.563	1268	1271	1280	rBV	311250	288712	15.99%	1.687%
11	9.851	1316	1320	1323	rBV	704497	597982	33.13%	3.493%
12	9.881	1323	1325	1332	rVB	56488	54265	3.01%	0.317%
13	10.398	1410	1413	1417	rBV	29829	31825	1.76%	0.186%
14	10.639	1449	1454	1467	rBV	939029	1023138	56.68%	5.977%
15	11.333	1568	1572	1574	rBV	556678	514955	28.53%	3.008%
16	11.357	1574	1576	1582	rVV	260917	240833	13.34%	1.407%
17	11.410	1582	1585	1590	rVB	55499	59973	3.32%	0.350%
18	11.569	1606	1612	1619	rBV4	27082	52691	2.92%	0.308%
19	11.857	1658	1661	1668	rVB3	78653	83667	4.63%	0.489%
20	11.945	1673	1676	1683	rVB2	50905	55568	3.08%	0.325%
21	12.539	1774	1777	1783	rBV	409808	397688	22.03%	2.323%
22	12.769	1811	1816	1822	rBV	357258	398642	22.08%	2.329%
23	12.910	1834	1840	1849	rBV	1359425	1285648	71.22%	7.511%
24	13.098	1869	1872	1876	rVB	38448	40294	2.23%	0.235%
25	13.163	1881	1883	1887	rVB	37974	32065	1.78%	0.187%
26	13.716	1974	1977	1980	rBV2	21128	21816	1.21%	0.127%
27	13.763	1984	1985	1990	rVV2	14753	20827	1.15%	0.122%
28	13.810	1990	1993	2003	rVB2	68966	108632	6.02%	0.635%
29	13.963	2012	2019	2022	rBV2	470356	597262	33.09%	3.489%
30	13.986	2022	2023	2032	rVB	126100	128044	7.09%	0.748%
31	14.068	2034	2037	2043	rBV	40157	38277	2.12%	0.224%
32	14.127	2043	2047	2048	rBV3	25946	32066	1.78%	0.187%
33	14.427	2095	2098	2100	rBV3	29047	27779	1.54%	0.162%
34	14.727	2146	2149	2153	rBV2	32527	37138	2.06%	0.217%

LSC Area Percent Report

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Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

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-BF091319.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.992	2190	2194	2202	rBV	121906	241634	13.39%	1.412%
36	15.057	2202	2205	2209	rVB3	41791	49520	2.74%	0.289%
37	15.098	2209	2212	2215	rBV	20091	22892	1.27%	0.134%
38	15.286	2241	2244	2251	rVB	62868	76394	4.23%	0.446%
39	15.345	2251	2254	2260	rBV	97056	130243	7.21%	0.761%
40	15.410	2260	2265	2274	rVB	312019	468204	25.94%	2.735%
41	15.839	2336	2338	2345	rVB5	30853	44877	2.49%	0.262%
42	16.092	2377	2381	2389	rVB10	23988	48566	2.69%	0.284%
43	16.839	2504	2508	2516	rVB2	30728	59827	3.31%	0.350%
44	17.274	2576	2582	2587	rBV4	26766	61602	3.41%	0.360%

Sum of corrected areas: 17117065

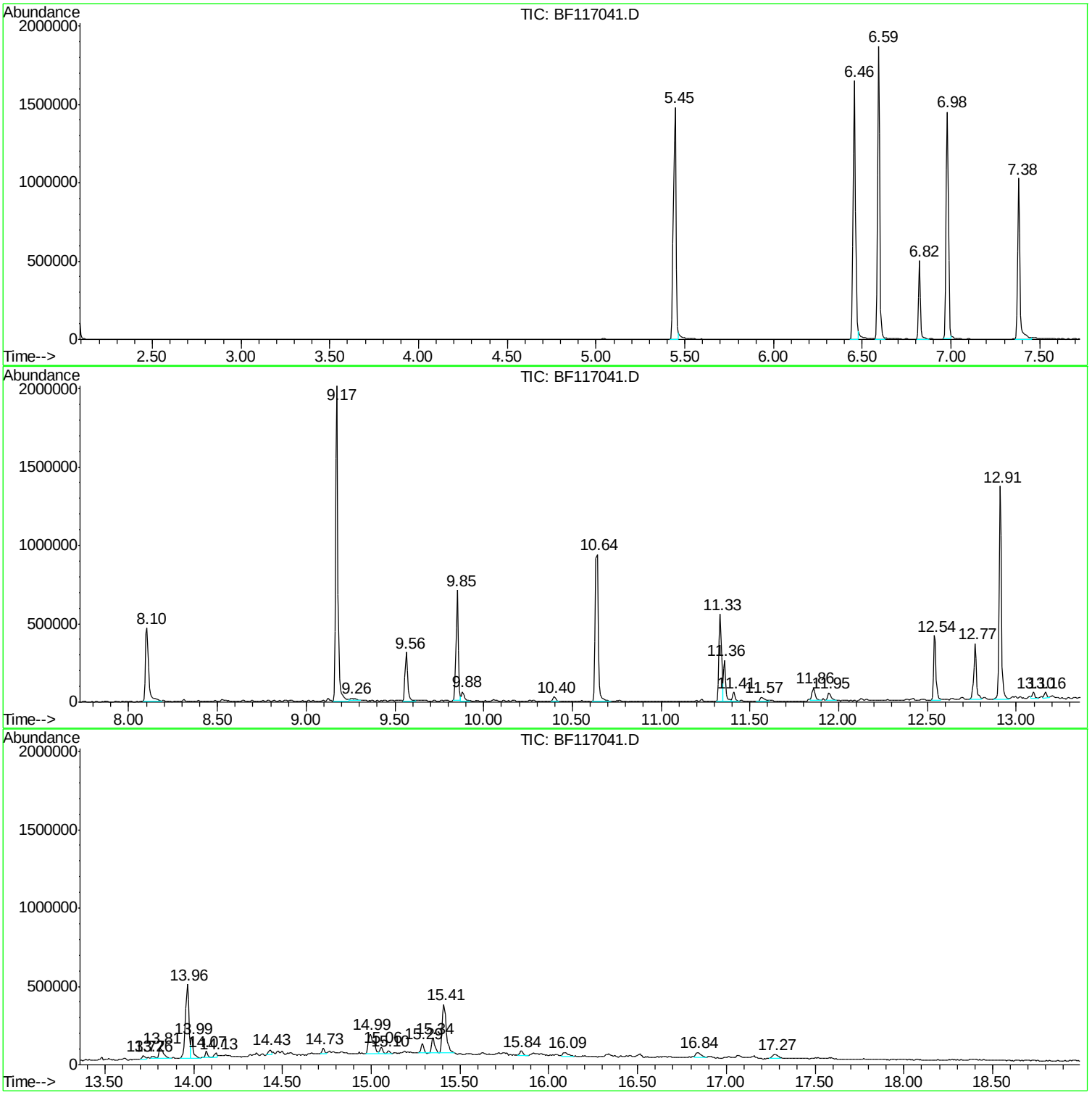
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117041.D
Acq On : 13 Sep 2019 23:45
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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\BF091319\
Data File : BF117041.D
Acq On : 13 Sep 2019 23:45
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

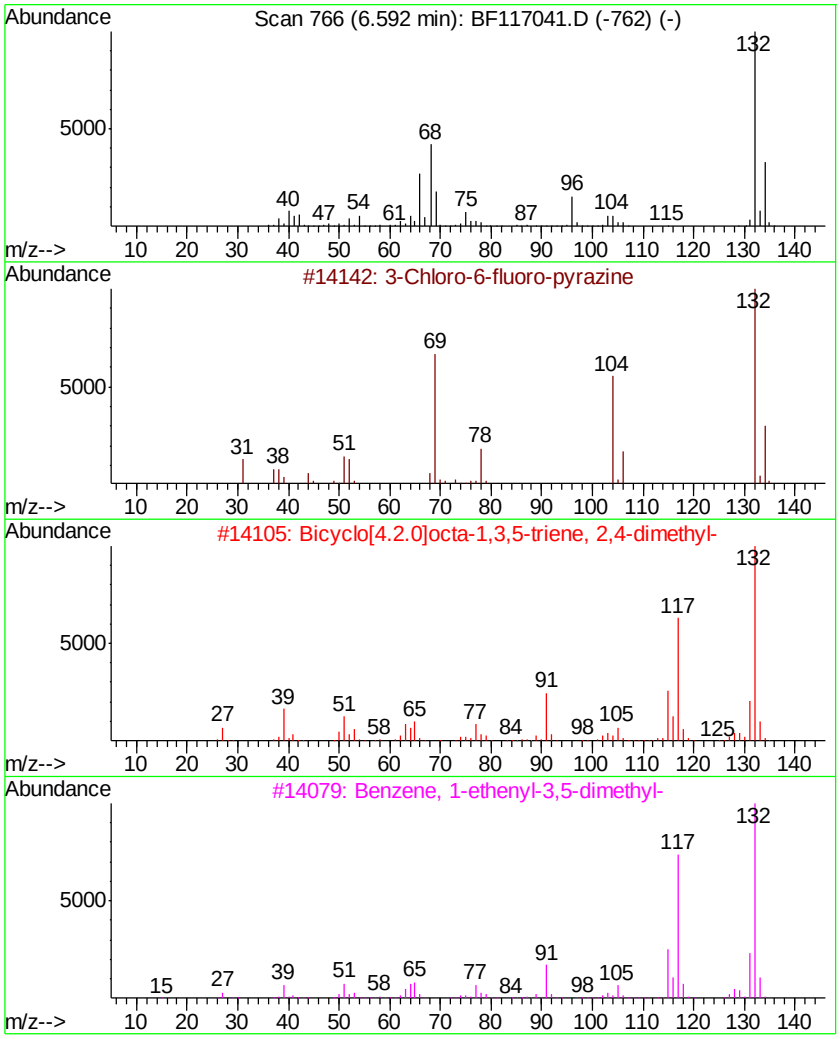
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

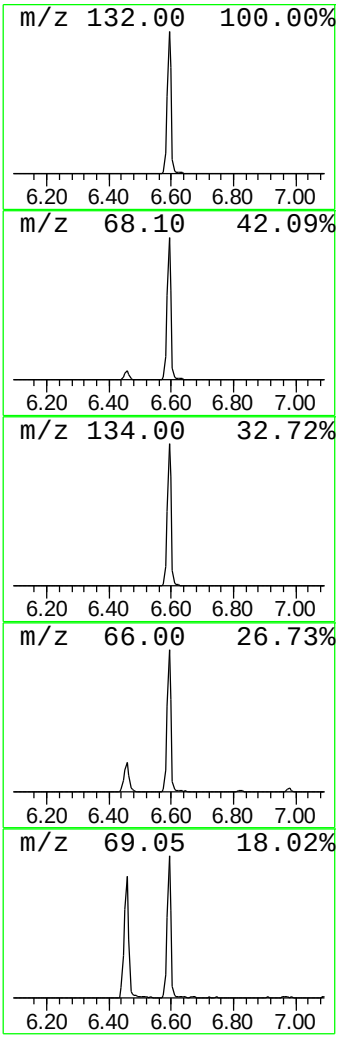
****

Peak Number 1 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	81.08 ng	1687370	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117041.D
Acq On : 13 Sep 2019 23:45
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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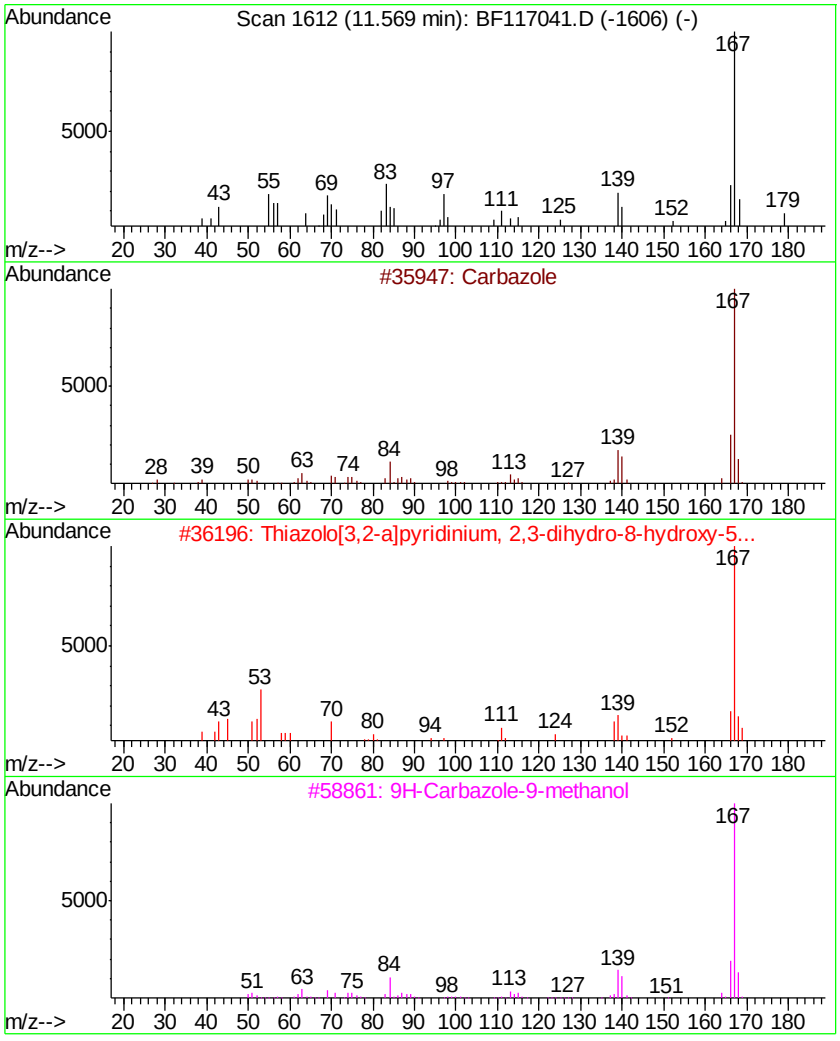
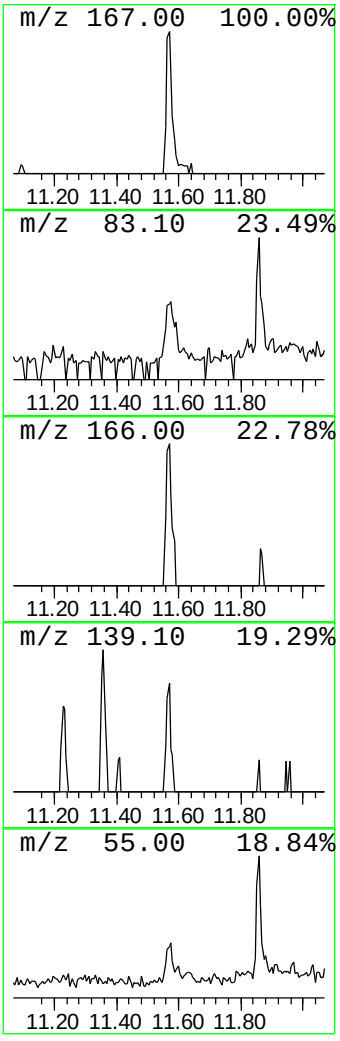
Peak Number 3 Thiazolo[3,2-a]pyridinium, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	2.05 ng	52691	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbazole	167	C12H9N	000086-74-8	64
2	Thiazolo[3,2-a]pyridinium, 2,3-d...	167	C8H9NOS	023003-43-2	64
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	59
4	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	58
5	2-Azafluorene	167	C12H9N	000244-40-6	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
Data File : BF117041.D
Acq On : 13 Sep 2019 23:45
Operator : HP/JU
Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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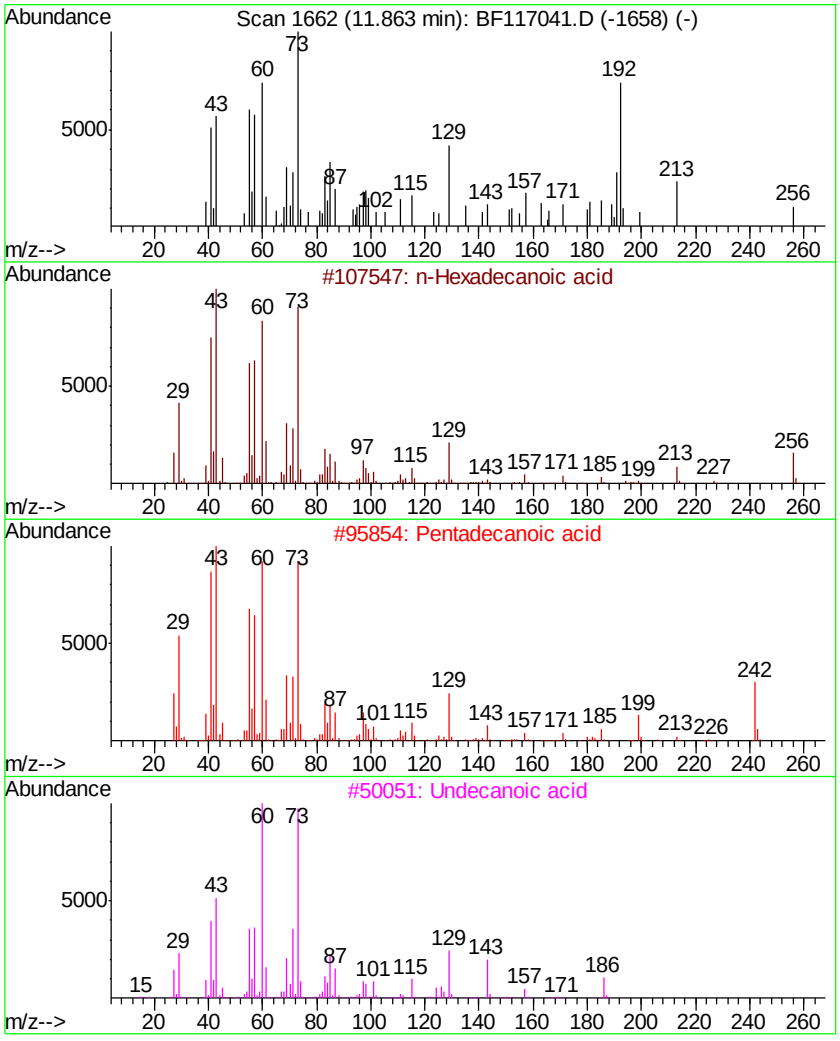
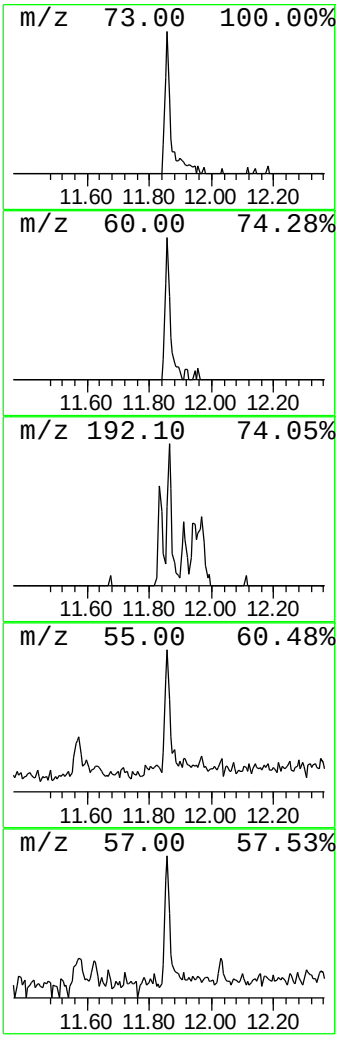
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.25 ng	83667	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Undecanoic acid	186	C11H22O2	000112-37-8	53
4	Tridecanoic acid	214	C13H26O2	000638-53-9	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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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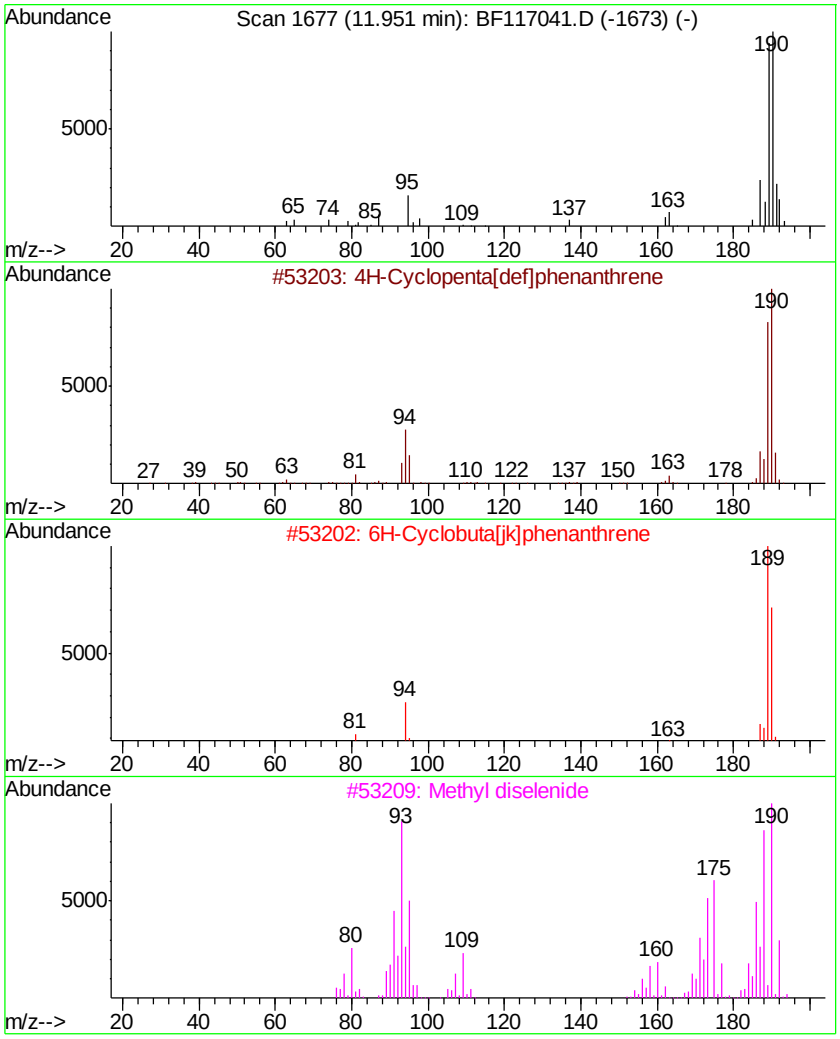
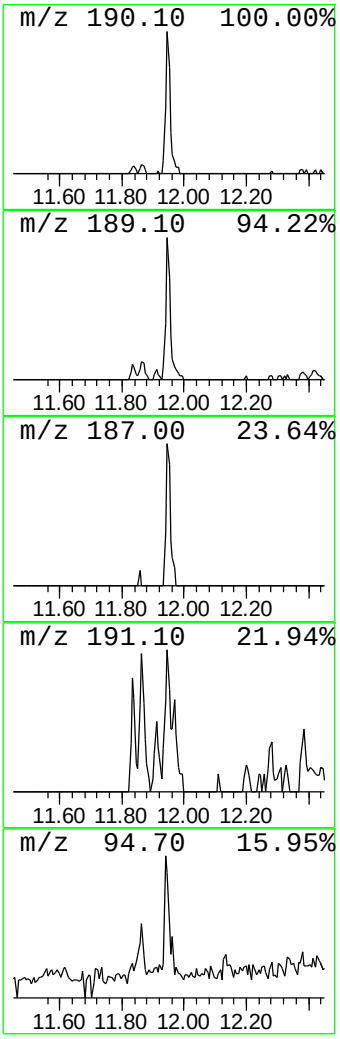
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.16 ng	55568	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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Acq On : 13 Sep 2019 23:45
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Sample : K4837-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

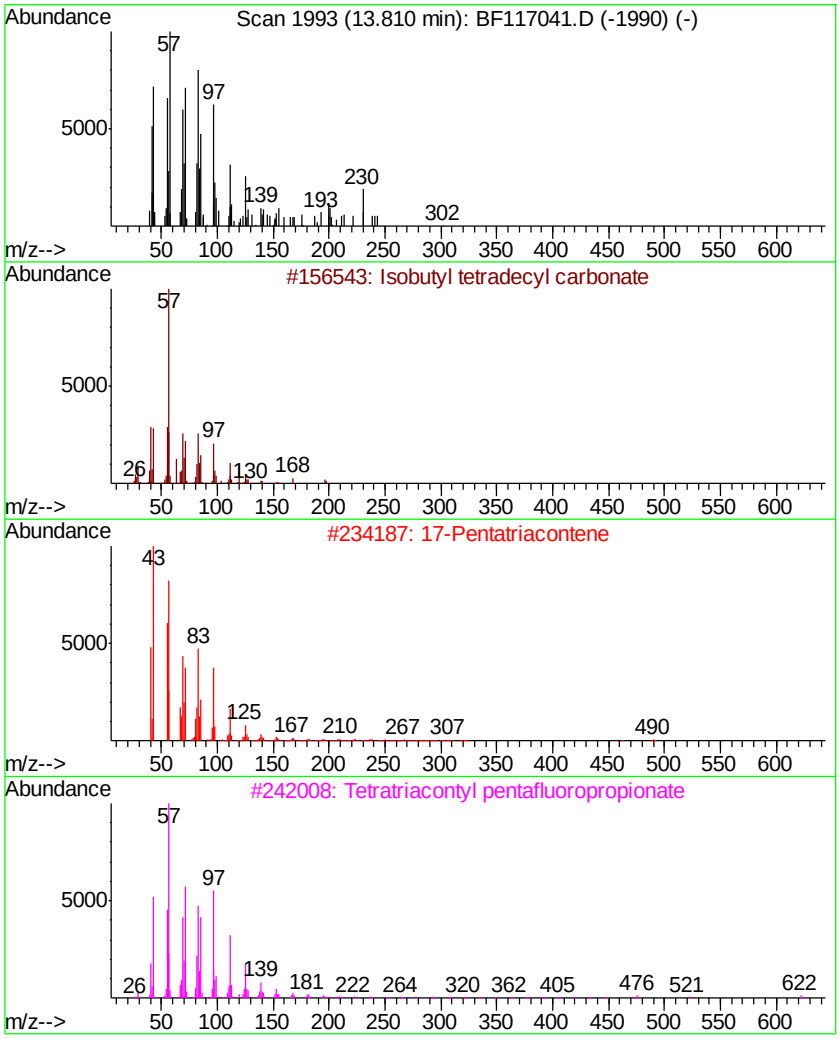
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

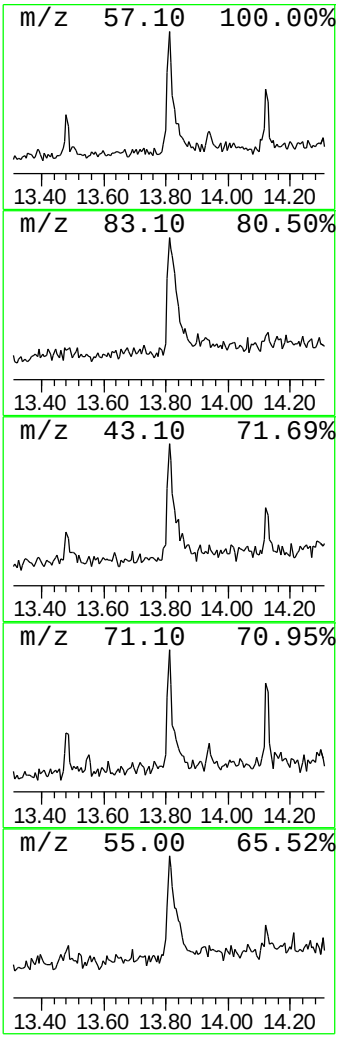
****

Peak Number 6 Isobutyl tetradecyl carbonate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	3.64 ng	108632	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	80
2	17-Pentatriacontene	491	C35H70	006971-40-0	74
3	Tetratriacontyl pentafluoropropi...	641	C37H69F5O2	1000351-81-5	62
4	Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	62
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	62





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ClientSampleId : P66-LINDEN-GEN-SP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

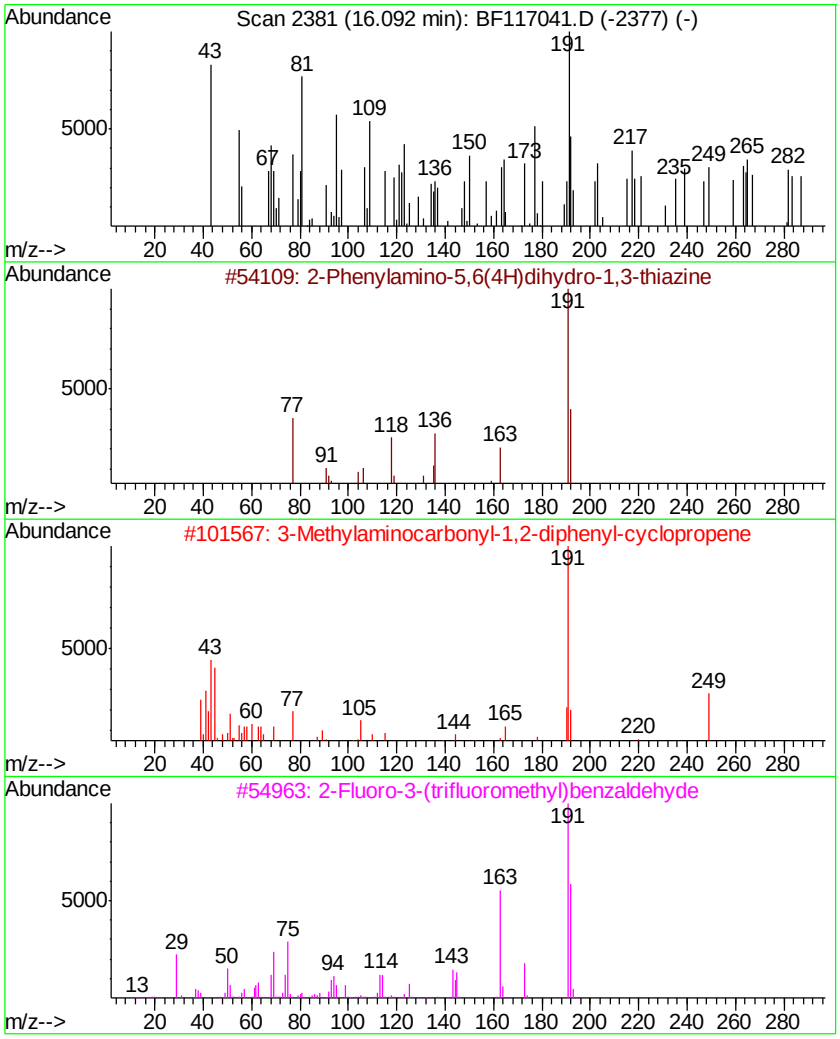
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

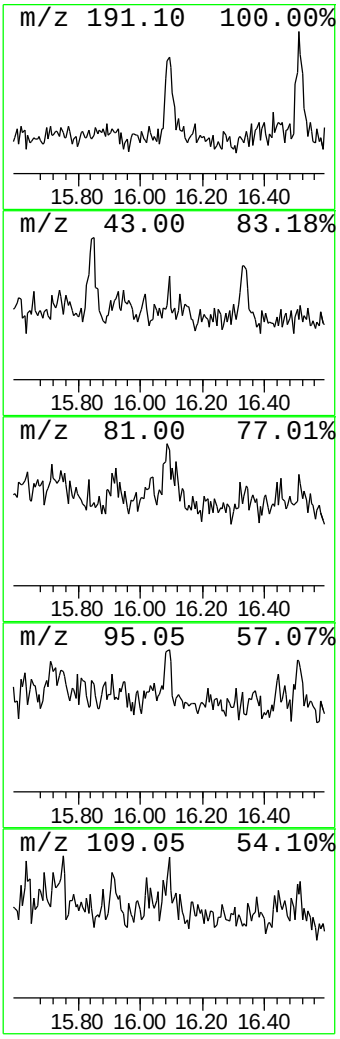
****

Peak Number 8 unknown16.09 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	2.07 ng	48566	Perylene-d12	15.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	30
2	3-Methylaminocarbonyl-1,2-diphen...	249	C17H15NO	076462-98-1	27
3	2-Fluoro-3-(trifluoromethyl)benz...	192	C8H4F4O	112641-20-0	27
4	N-(3,4,5,6-Tetrahydro-1,3-thiazi...	192	C10H12N2S	003420-40-4	27
5	2H-1,2,3-Triazole-4-carboxaldehy...	191	C9H6FN3O	051306-43-5	22





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091319.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
unknown6.59	6.59	81.1	ng	1687370	1	6.82	416225	20.0
Thiazolo[3,2-a]py...	11.57	2.0	ng	52691	4	11.33	514955	20.0
n-Hexadecanoic acid	11.86	3.3	ng	83667	4	11.33	514955	20.0
4H-Cyclopenta[def...	11.95	2.2	ng	55568	4	11.33	514955	20.0
Isobutyl tetradec...	13.81	3.6	ng	108632	5	13.96	597262	20.0
unknown16.09	16.09	2.1	ng	48566	6	15.41	468204	20.0