LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116679.D
Acq On : 31 Aug 2019 4:40
Operator : HP/JU
Sample : K4517-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-S-E

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-BF083019.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	5.463	569	574	578	rBV	2664714	2823329	87.06%	9.601%
2	6.481	741	747	751	rBV	2812618	3187895	98.30%	10.841%
3	6.616	765	770	774	rBV	3096938	3093568	95.39%	10.520%
4	6.845	806	809	813	rBV	844733	667208	20.57%	2.269%
5	7.004	832	836	839	rBV	2648731	2282557	70.38%	7.762%
6	7.404	899	904	907	rBV	2098643	2012759	62.06%	6.844%
7	8.128	1023	1027	1030	rBV	1090823	861174	26.55%	2.928%
8	8.880	1152	1155	1162	rBV	30892	40092	1.24%	0.136%
9	9.204	1205	1210	1213	rBV	3864509	3243124	100.00%	11.028%
10	9.592	1273	1276	1279	rBV	351006	269169	8.30%	0.915%
11	9.880	1319	1325	1328	rBV	1227527	1008521	31.10%	3.430%
12	10.357	1402	1406	1408	rBV4	30059	43466	1.34%	0.148%
13	10.669	1454	1459	1462	rBV	1808220	1820388	56.13%	6.190%
14	11.227	1551	1554	1556	rBV	403491	333514	10.28%	1.134%
15	11.363	1574	1577	1580	rBV	959334	802801	24.75%	2.730%
16	11.892	1665	1667	1670	rBV2	317564	288457	8.89%	0.981%
17	12.951	1843	1847	1850	rVB	2671801	2536090	78.20%	8.624%
18	13.839	1994	1998	2007	rVB2	495673	632202	19.49%	2.150%
19	13.992	2019	2024	2027	rBV2	769421	895933	27.63%	3.047%
20	14.468	2103	2105	2109	rVB	116149	104092	3.21%	0.354%
21	14.515	2109	2113	2120	rVB	531371	547267	16.87%	1.861%
22	14.774	2154	2157	2160	rVB	87126	88928	2.74%	0.302%
23	15.021	2196	2199	2208	rVV	163683	316341	9.75%	1.076%
24	15.104	2210	2213	2223	rVB2	118891	209137	6.45%	0.711%
25	15.321	2247	2250	2256	rVB	105115	126154	3.89%	0.429%
26	15.380	2257	2260	2263	rVV	108683	126995	3.92%	0.432%
27	15.445	2266	2271	2275	rVV	597547	757536	23.36%	2.576%
28	15.480	2275	2277	2282	rVB3	99005	133834	4.13%	0.455%
29	15.915	2348	2351	2355	rVB2	57296	71518	2.21%	0.243%
30	16.874	2511	2514	2521	rBV2	51082	83156	2.56%	0.283%

Sum of corrected areas: 29407205

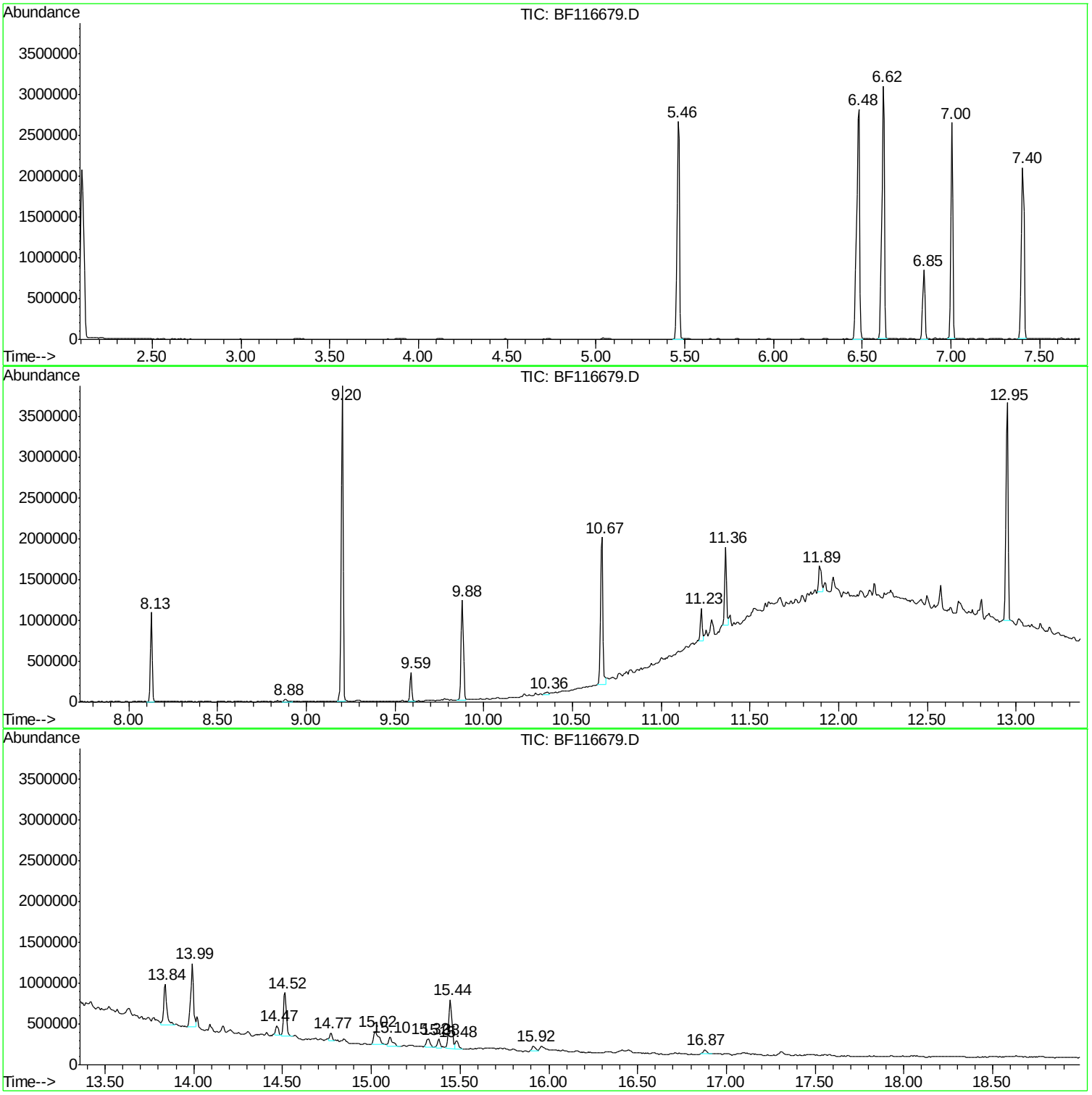
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116679.D
Acq On : 31 Aug 2019 4:40
Operator : HP/JU
Sample : K4517-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-S-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.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

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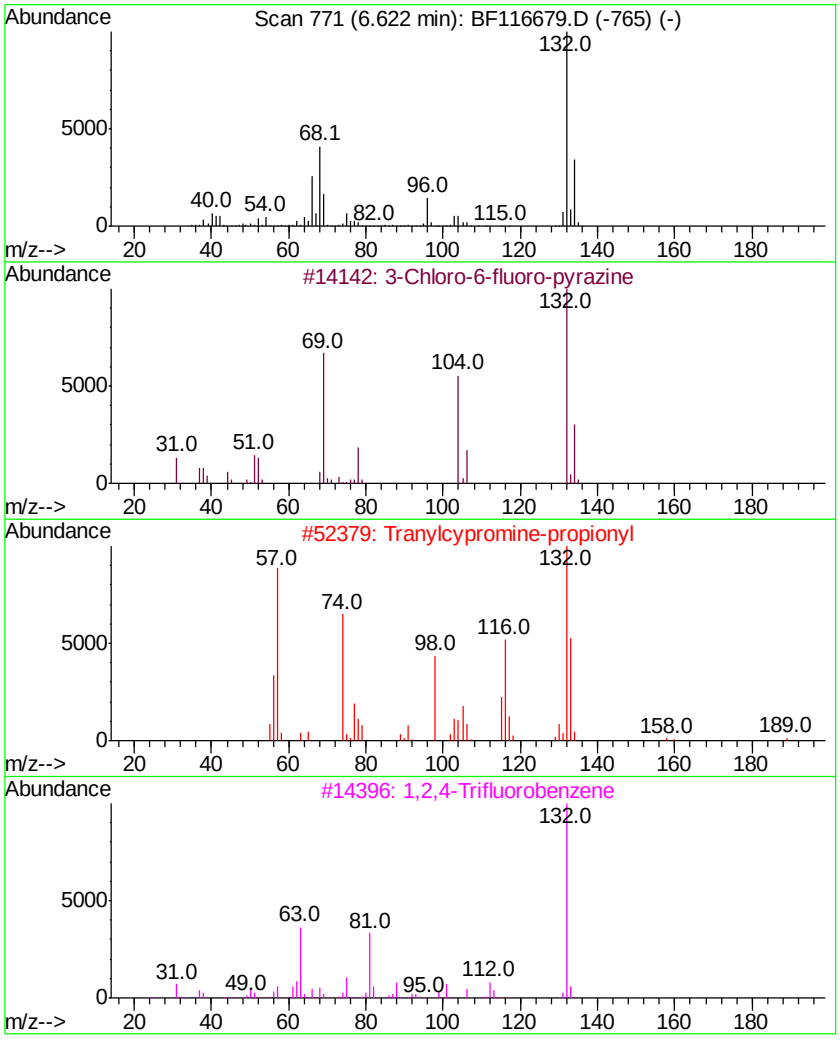
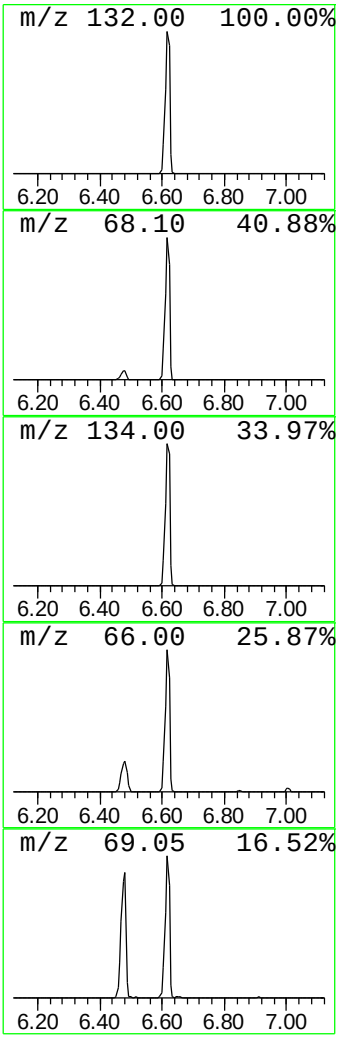
****

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	92.73 ng	3093570	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K4517-18
Misc :
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Instrument : BNA_F
ClientSampleId : T4-S-E

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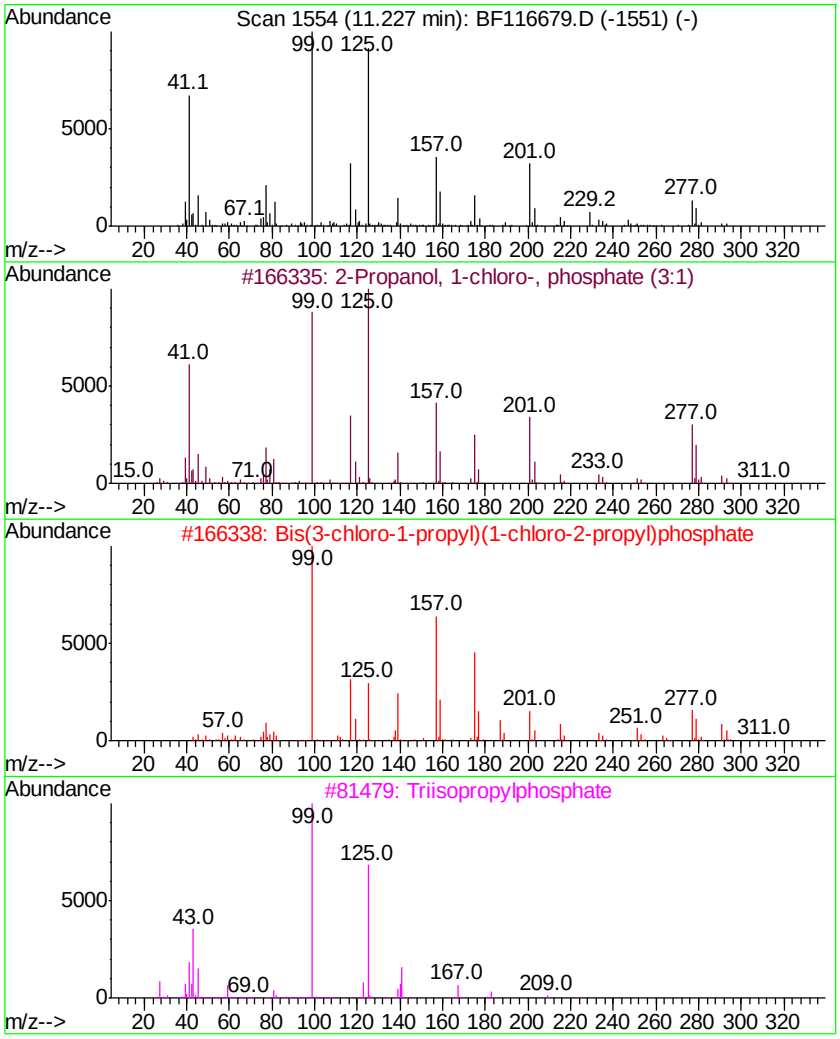
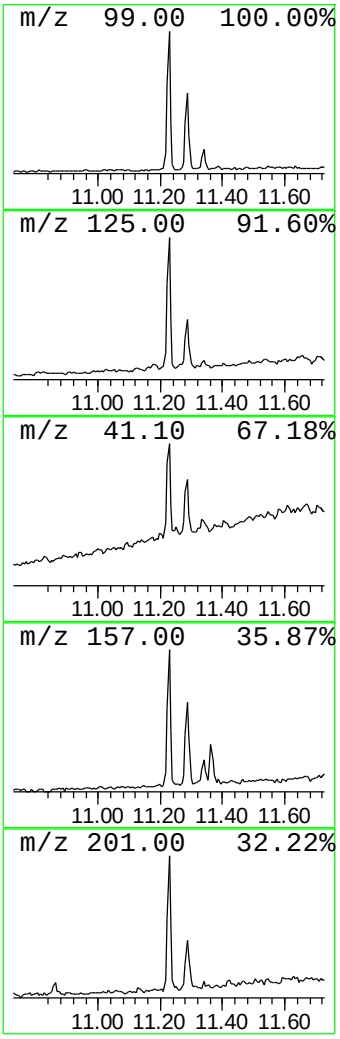
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 1-chloro-, phos... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	8.31 ng	333514	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	87
2	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	38
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
4	Sarin	140	C4H10FO2P	000107-44-8	22
5	2-Butyl methylphosphonofluoridate	154	C5H12FO2P	000352-52-3	17





Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : T4-S-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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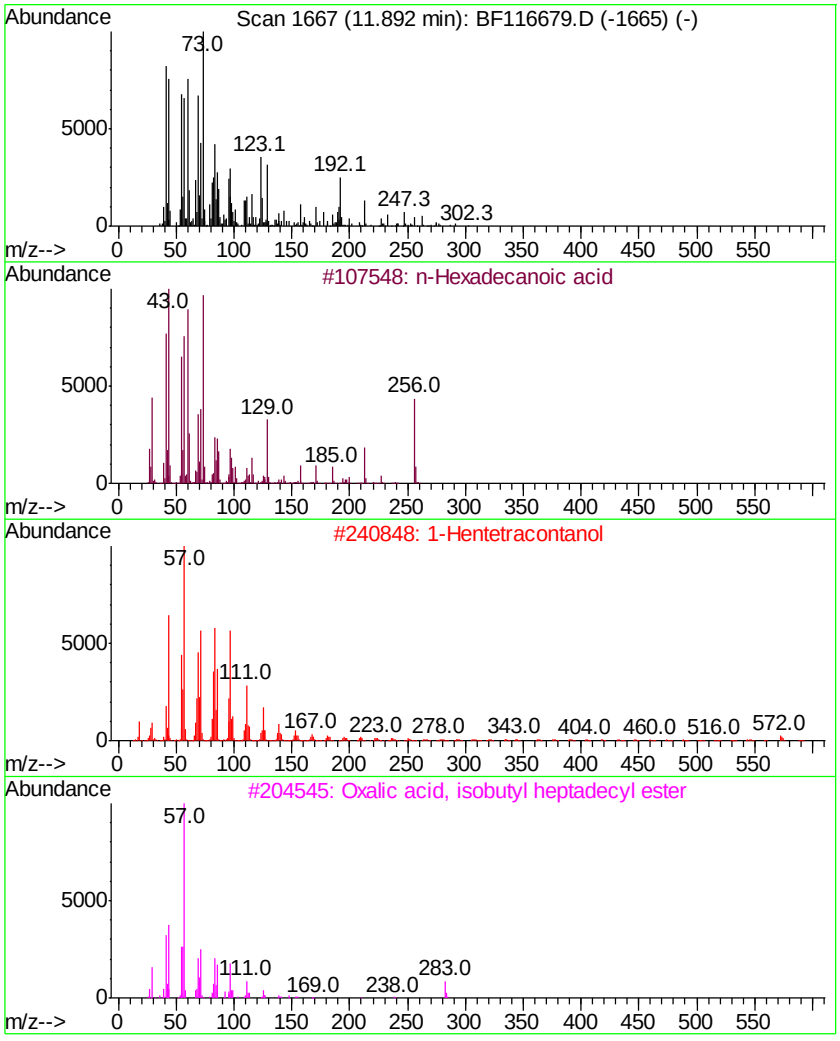
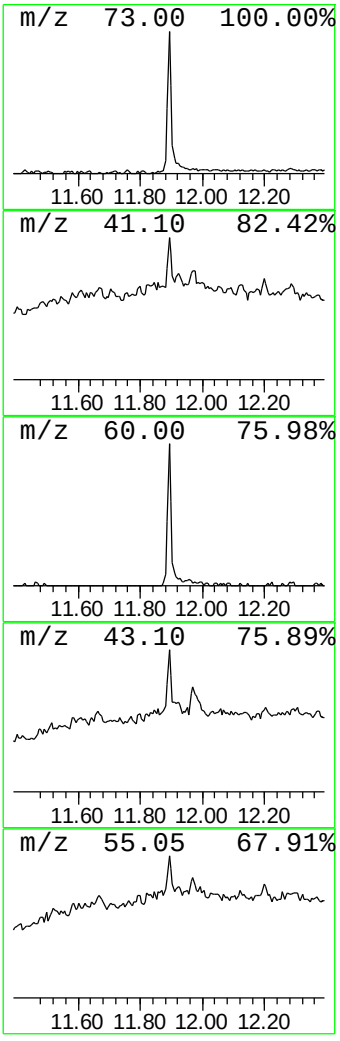
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	7.19 ng	288457	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2	1-Hentetracontanol	593	C41H84O	040710-42-7	38
3	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	30
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	25
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	22





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Data File : BF116679.D
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Operator : HP/JU
Sample : K4517-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : T4-S-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

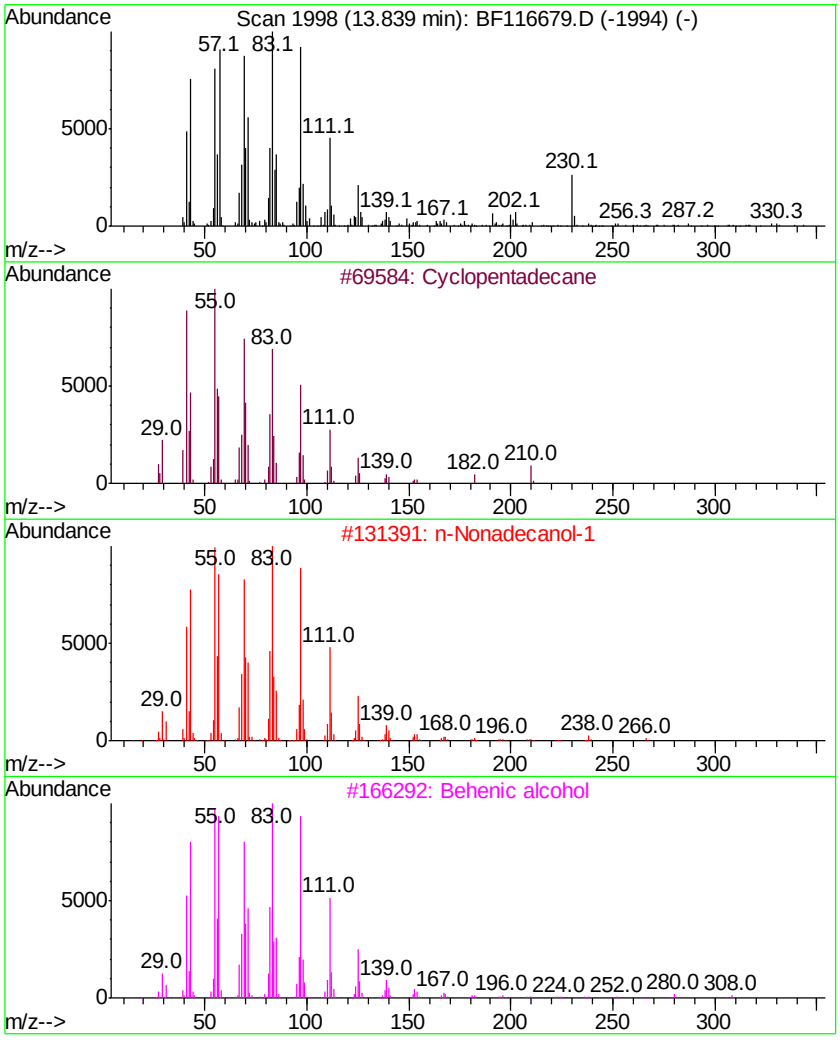
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

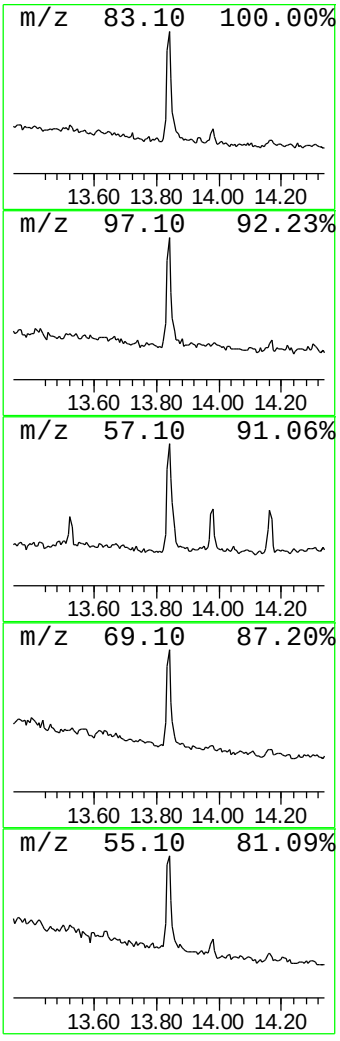
****

Peak Number 5 Cyclopentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	14.11 ng	632202	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	E-14-Hexadecenal	238	C16H30O	330207-53-9	93
5	1-Heptacosanol	396	C27H56O	002004-39-9	91





Library Search Compound Report

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Misc :
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Instrument : BNA_F
ClientSampleId : T4-S-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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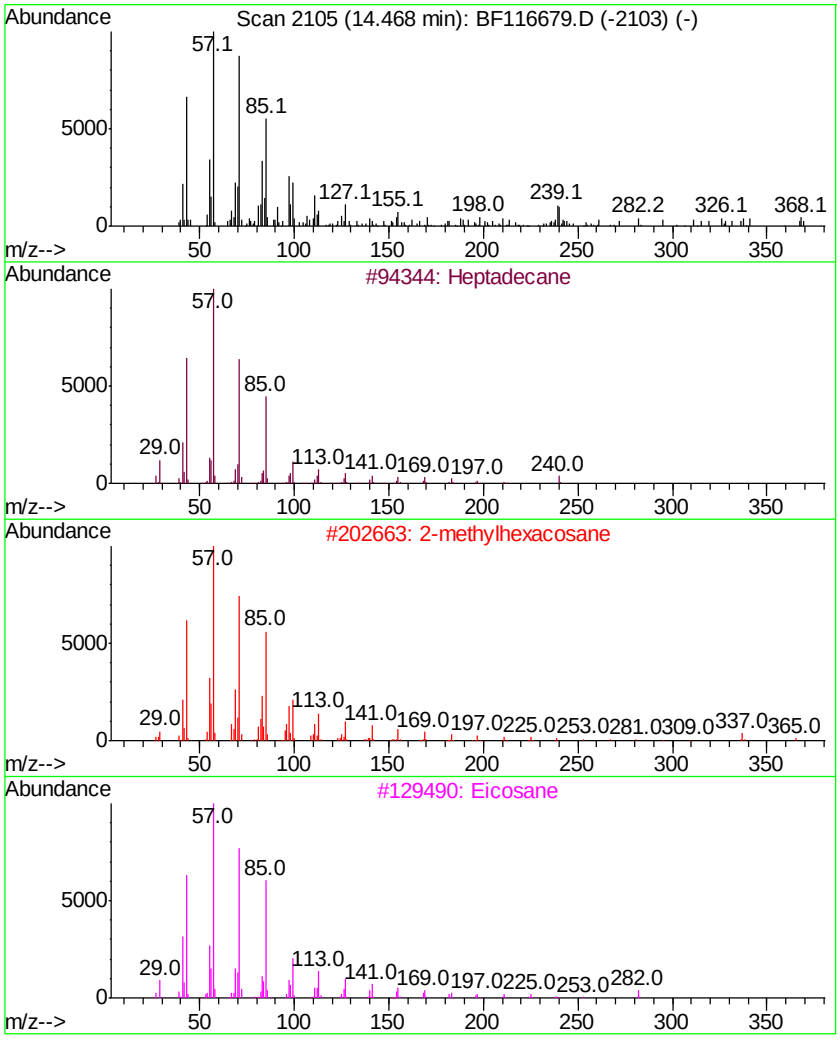
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

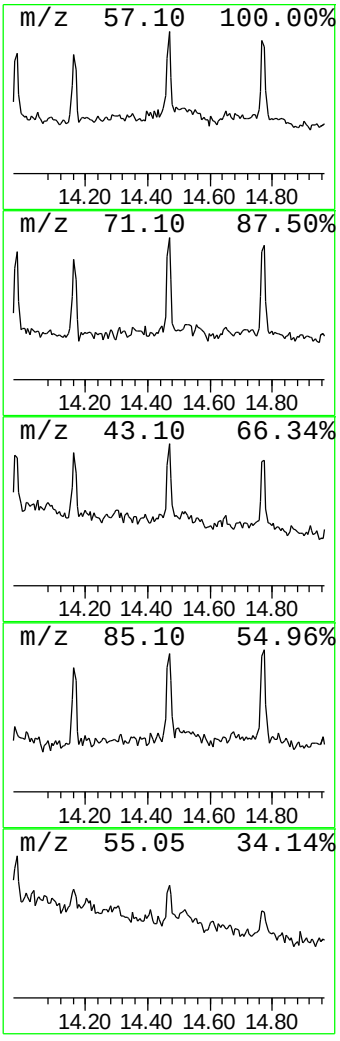
****

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.32 ng	104092	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	81
2	2-methylhexacosane	380	C27H56	1000376-72-7	80
3	Eicosane	282	C20H42	000112-95-8	70
4	Octadecane	254	C18H38	000593-45-3	70
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	68





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Misc :
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Instrument : BNA_F
ClientSampleId : T4-S-E

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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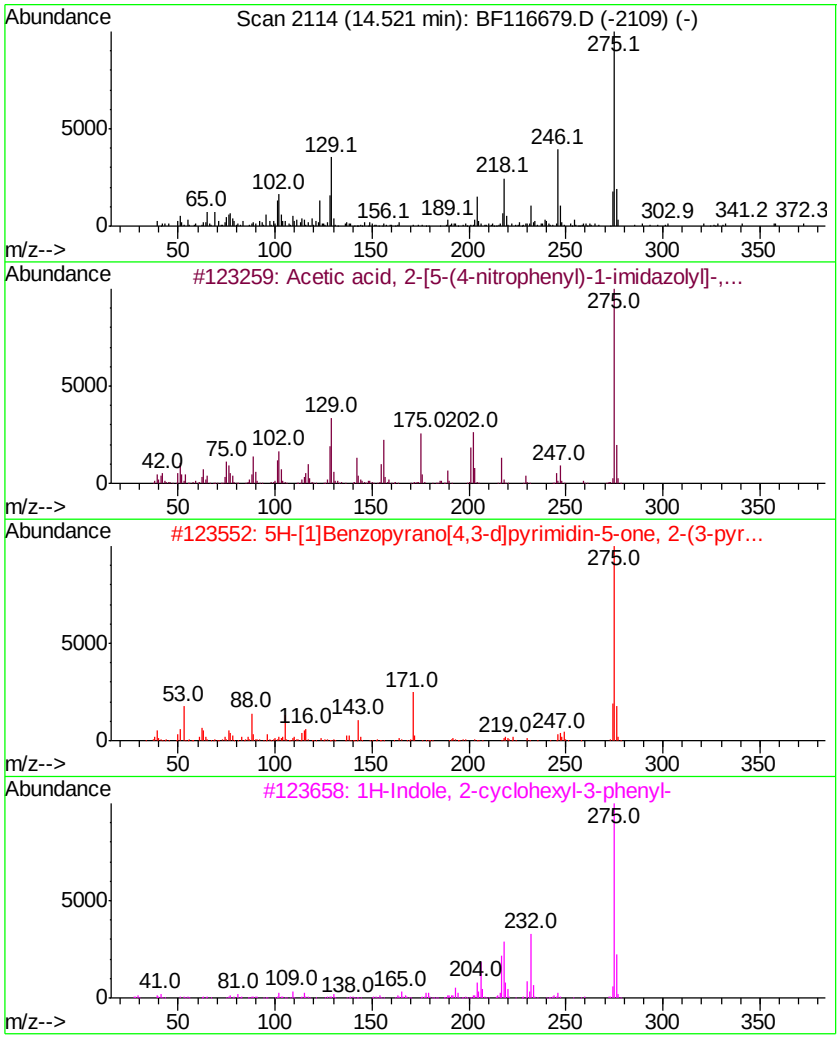
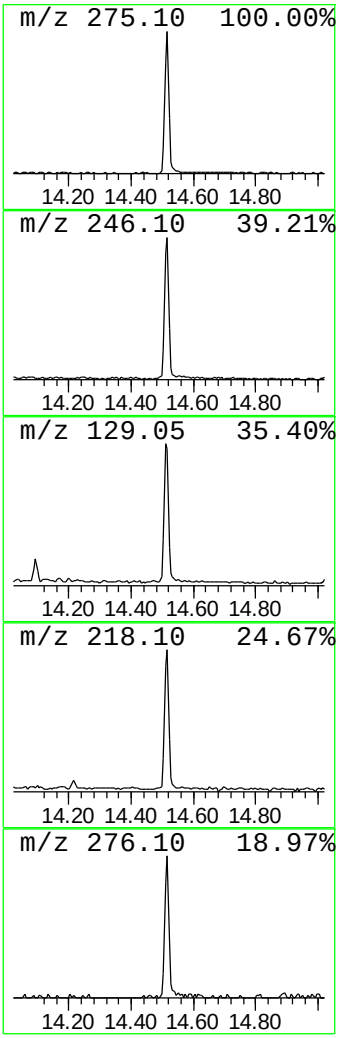
Peak Number 7 unknown14.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	12.22 ng	547267	Chrysene-d12	13.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-[5-(4-nitrophenyl...	275	C13H13N3O4	351064-45-4	43
2	5H-[1]Benzopyrano[4,3-d]pyrimidi...	275	C16H9N3O2	1000337-49-1	38
3	1H-Indole, 2-cyclohexyl-3-phenyl-	275	C20H21N	1000163-87-0	38
4	1-Methyl-5'-phenylspiro(indoline...	275	C17H13N3O	015970-21-5	35
5	8H-Benzo[g]-1,3-benzodioxolo[6,5...	275	C17H9NO3	000475-75-2	27





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

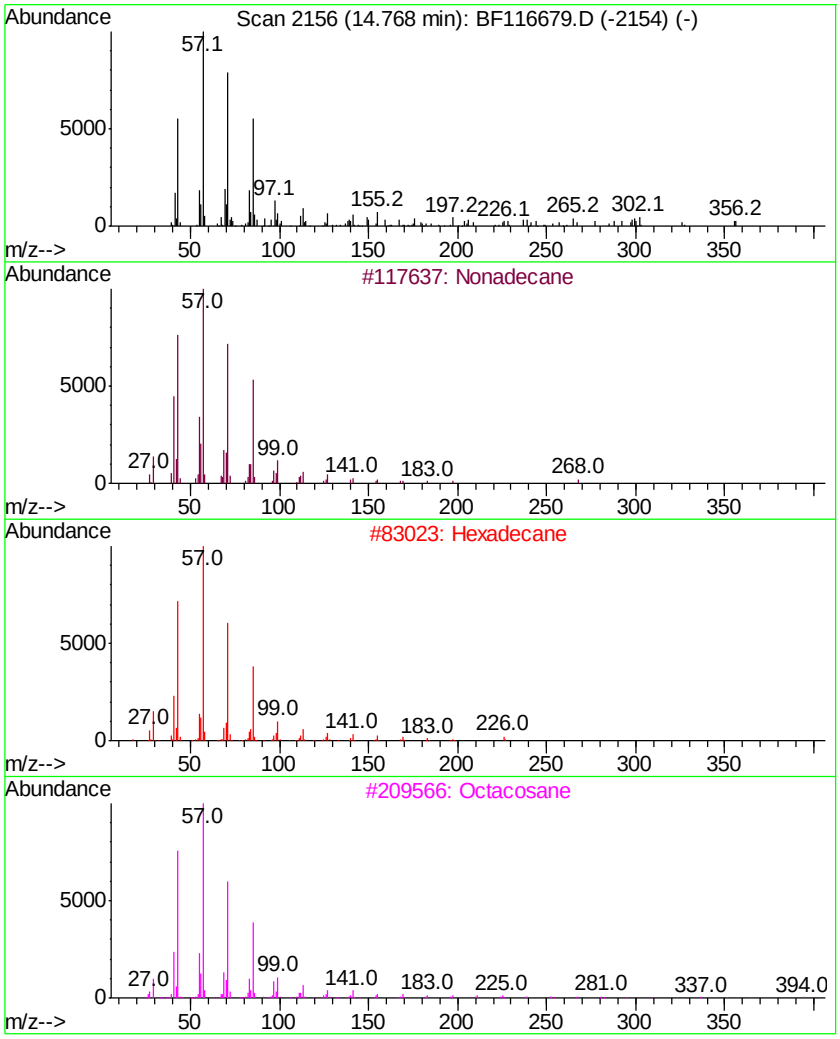
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

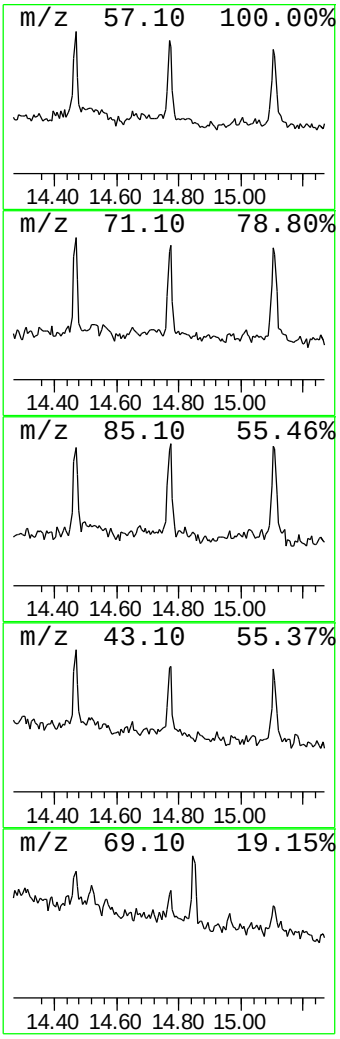
****

Peak Number 8 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.35 ng	88928	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	68
2	Hexadecane	226	C16H34	000544-76-3	68
3	Octacosane	394	C28H58	000630-02-4	64
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	64
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	64





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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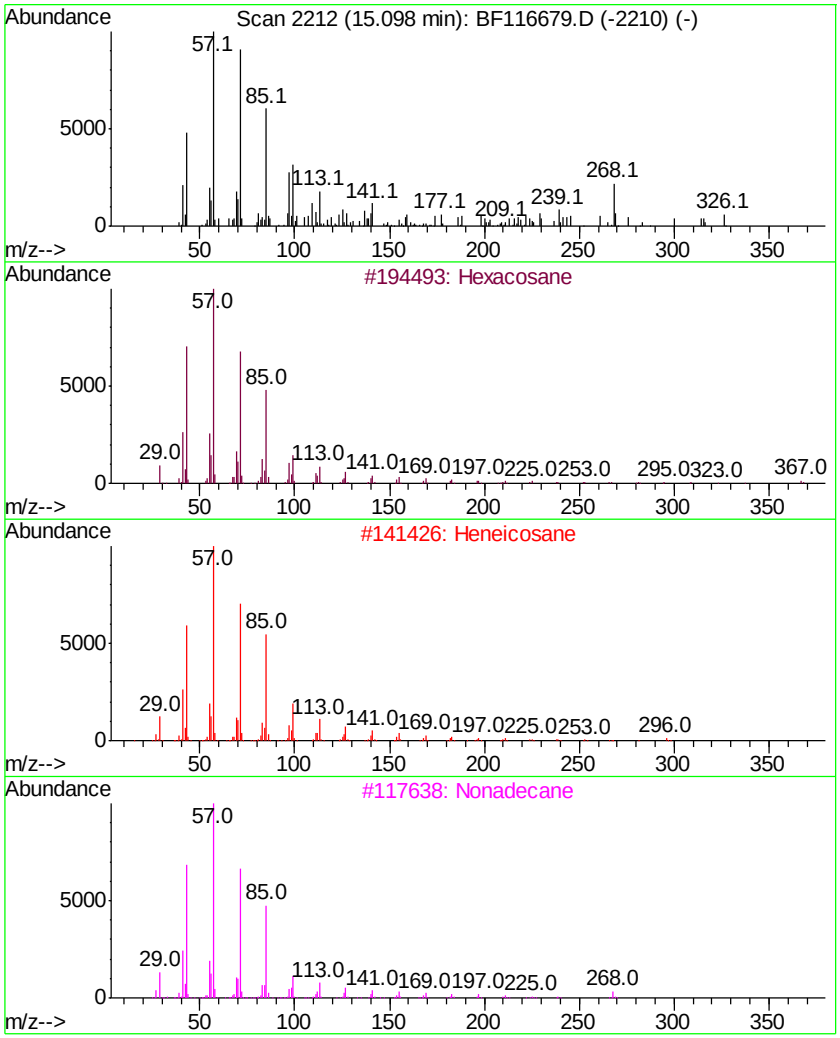
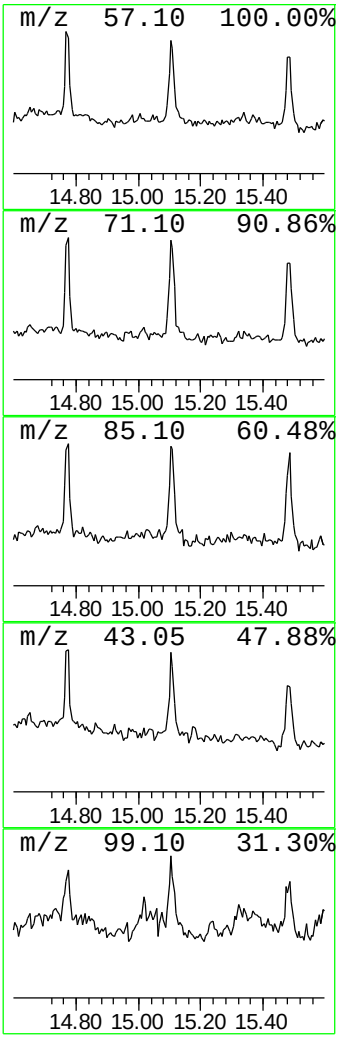
****

Peak Number 9 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	5.52 ng	209137	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	74
2	Heneicosane	296	C21H44	000629-94-7	64
3	Nonadecane	268	C19H40	000629-92-5	59
4	Hexadecane	226	C16H34	000544-76-3	53
5	Octadecane	254	C18H38	000593-45-3	53





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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

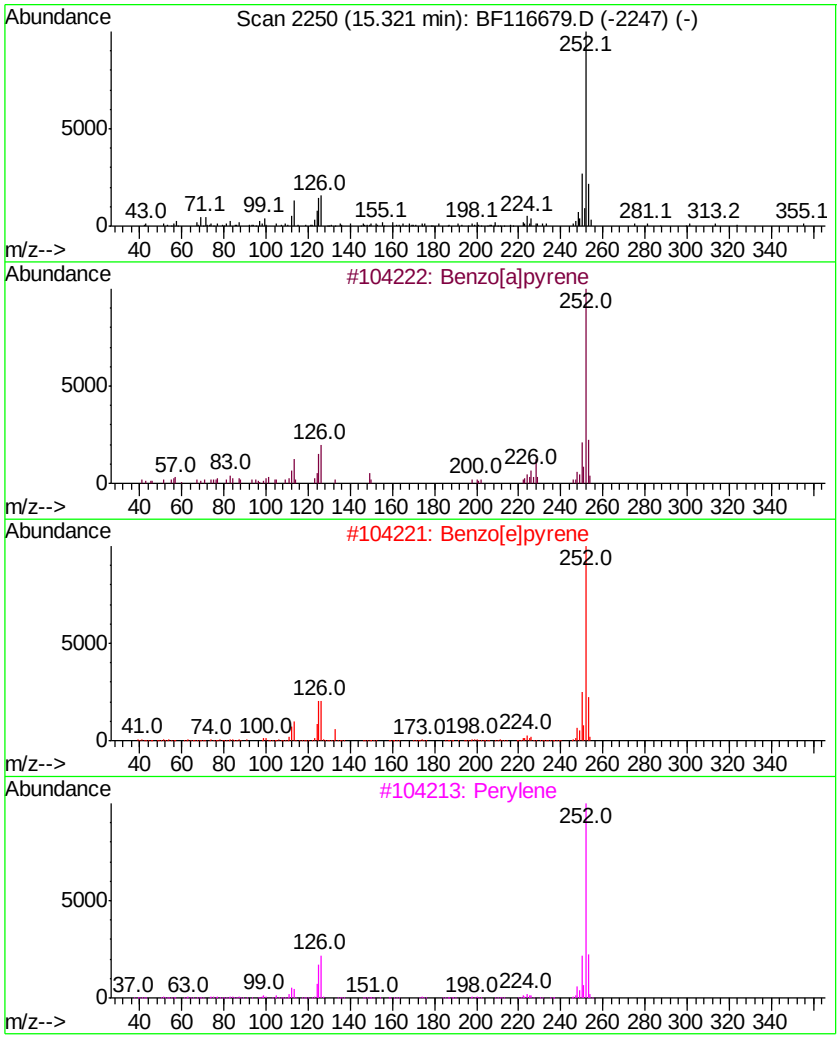
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

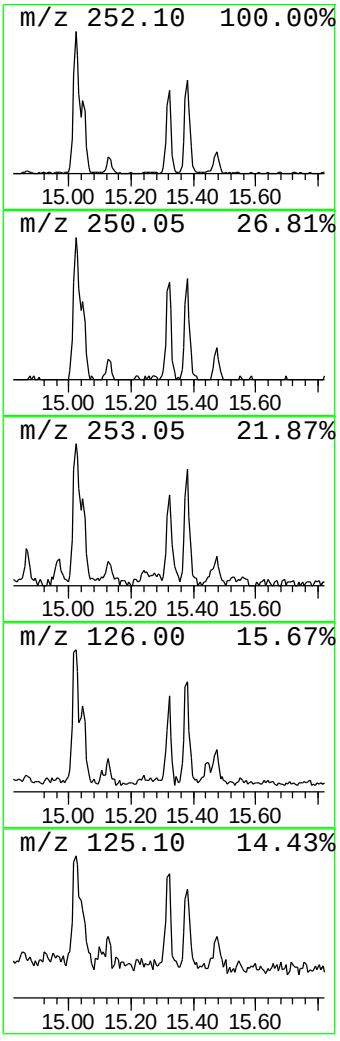
****

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	3.33 ng	126154	Perylene-d12	15.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
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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
unknown6.62	6.62	92.7	ng	3093570	1	6.85	667208	20.0
2-Propanol, 1-chl...	11.23	8.3	ng	333514	4	11.36	802801	20.0
n-Hexadecanoic acid	11.89	7.2	ng	288457	4	11.36	802801	20.0
Cyclopentadecane	13.84	14.1	ng	632202	5	13.99	895933	20.0
Heptadecane	14.47	2.3	ng	104092	5	13.99	895933	20.0
unknown14.52	14.52	12.2	ng	547267	5	13.99	895933	20.0
Nonadecane	14.77	2.4	ng	88928	6	15.44	757536	20.0
Hexacosane	15.10	5.5	ng	209137	6	15.44	757536	20.0
Benzo[e]pyrene	15.32	3.3	ng	126154	6	15.44	757536	20.0