LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000825.D
Acq On : 23 Apr 2018 13:10
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Integration Parameters: events.e
Integrator: ChemStation
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_N\METHODS\SOM-EPA-BN041918-PAH.M
Title : ??? S

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.799	642	648	661	rVB	139069	219079	8.95%	0.861%
2	6.969	670	677	686	rBV	491457	726329	29.67%	2.855%
3	7.158	703	709	720	rVB	484711	731684	29.89%	2.876%
4	7.622	782	788	795	rVB	461869	694308	28.36%	2.729%
5	8.322	901	907	918	rVB	396428	599798	24.50%	2.358%
6	8.763	975	982	992	rVB	521860	808103	33.01%	3.177%
7	9.481	1097	1104	1111	rBV	395283	639044	26.10%	2.512%
8	10.010	1187	1194	1208	rVB	630883	990317	40.45%	3.893%
9	10.387	1251	1258	1265	rBV	631244	1005535	41.07%	3.953%
10	13.669	1810	1816	1821	rBV	1056535	1381945	56.45%	5.432%
11	13.716	1821	1824	1829	rVB	98186	122122	4.99%	0.480%
12	13.940	1855	1862	1877	rBV	1245924	1811759	74.00%	7.122%
13	14.175	1896	1902	1907	rBV	40134	52014	2.12%	0.204%
14	14.251	1909	1915	1923	rBV2	801361	1214569	49.61%	4.774%
15	14.451	1943	1949	1958	rBV	73133	110514	4.51%	0.434%
16	15.087	2051	2057	2061	rBV2	19610	29031	1.19%	0.114%
17	15.134	2061	2065	2070	rVB	46380	56361	2.30%	0.222%
18	15.251	2078	2085	2093	rVB	1492899	2135619	87.23%	8.395%
19	15.363	2099	2104	2111	rBV	425725	565660	23.10%	2.224%
20	15.998	2207	2212	2215	rBV	37577	53029	2.17%	0.208%
21	16.787	2341	2346	2351	rBV	22690	28850	1.18%	0.113%
22	16.998	2376	2382	2388	rBV2	972669	1340793	54.77%	5.270%
23	17.098	2391	2399	2412	rVB	1553262	2156504	88.08%	8.477%
24	17.916	2533	2538	2548	rBV	58951	86441	3.53%	0.340%
25	19.204	2753	2757	2763	rBV2	32275	41021	1.68%	0.161%
26	19.398	2784	2790	2802	rBV2	1724066	2448225	100.00%	9.624%
27	20.945	3049	3053	3059	rBV5	21539	42084	1.72%	0.165%
28	21.204	3092	3097	3109	rBV2	1191460	1470183	60.05%	5.779%
29	23.263	3440	3447	3454	rBV2	1382501	2382143	97.30%	9.364%
30	23.398	3463	3470	3481	rVB	837645	1496934	61.14%	5.884%

Sum of corrected areas: 25439998

LSC Report - Integrated Chromatogram

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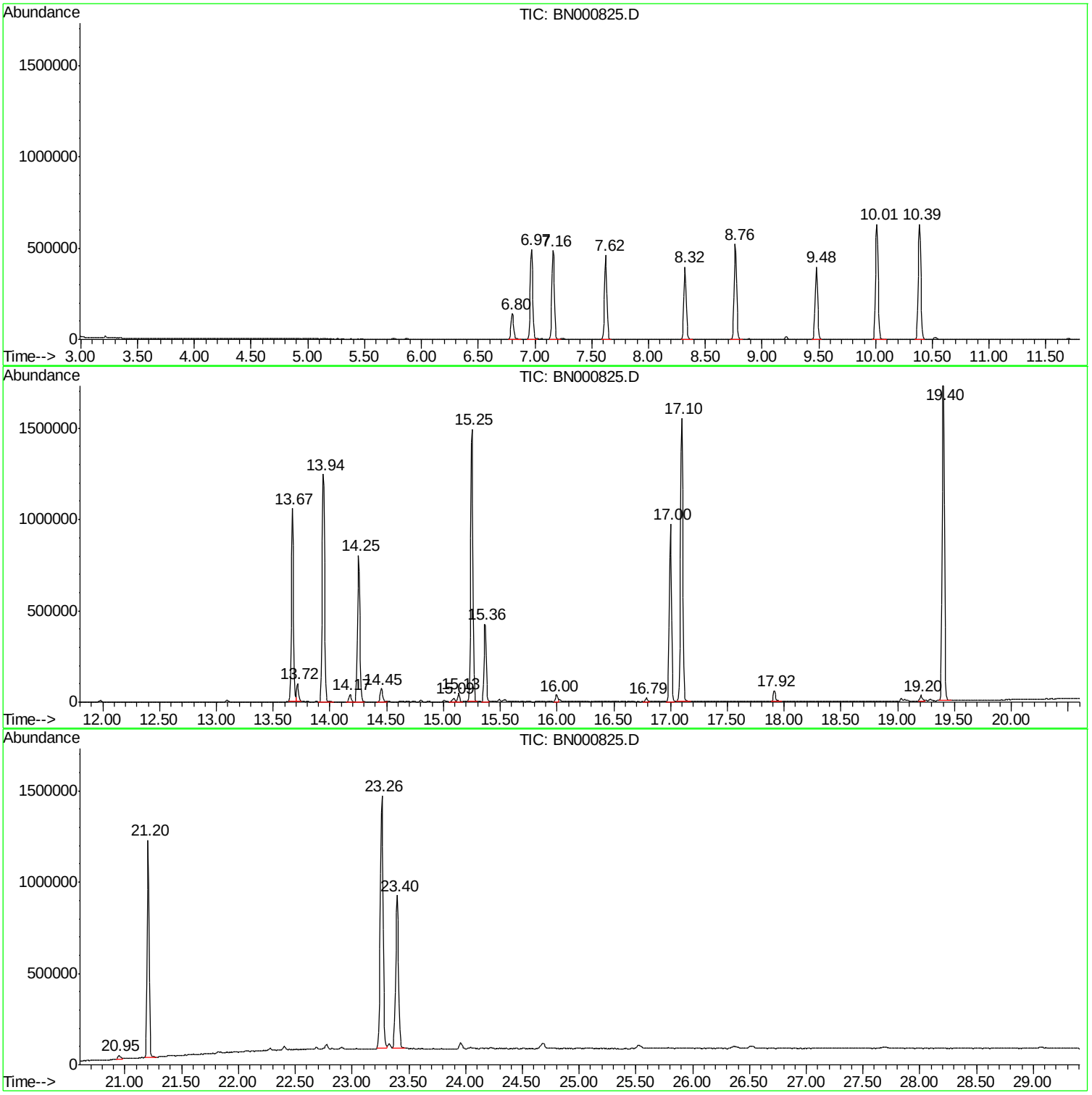
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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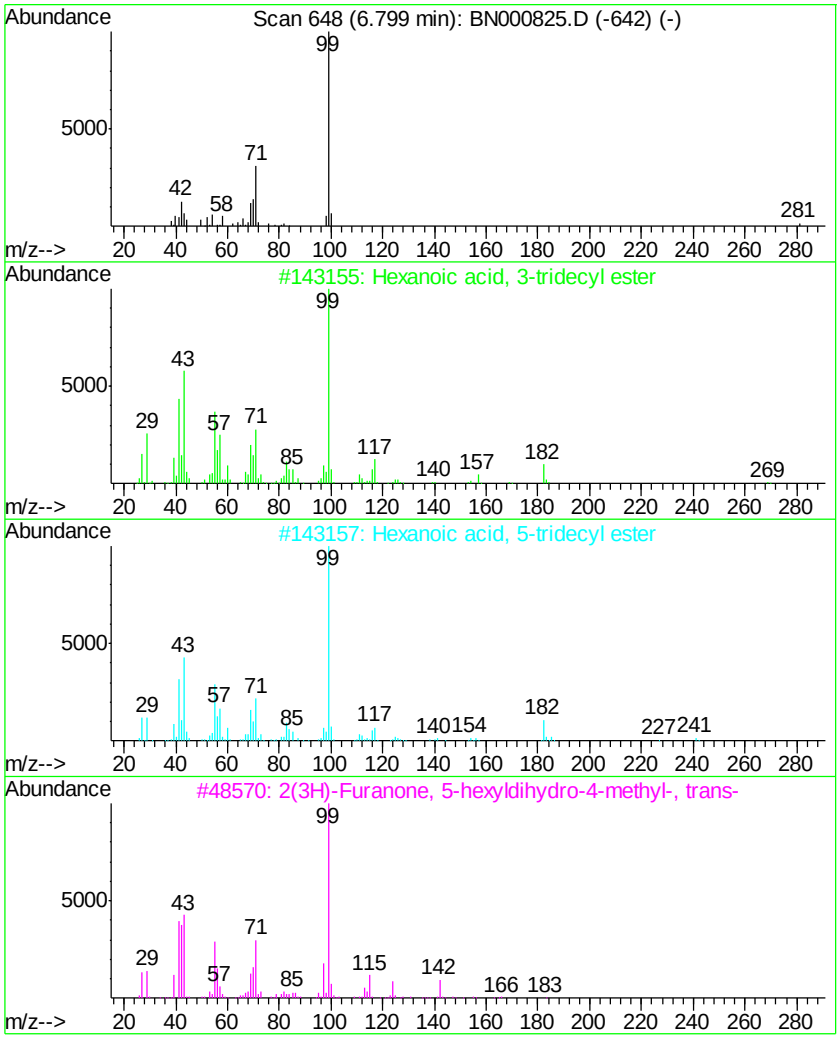
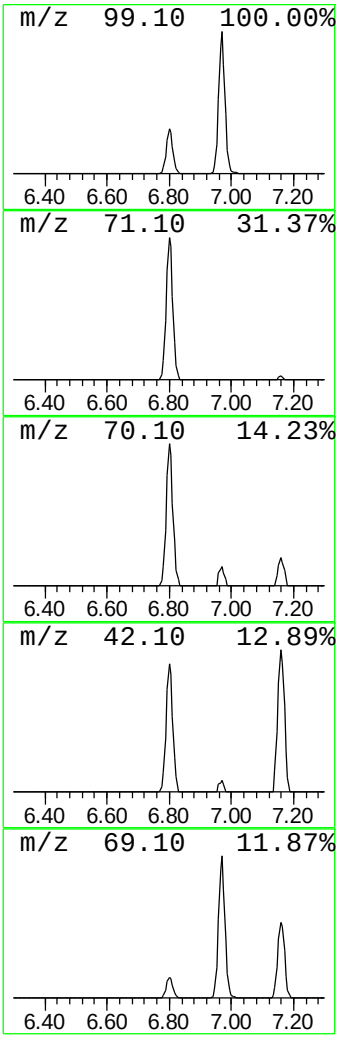
Peak Number 1 Hexanoic acid, 3-tridecyl e... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	6.31 ng/ul	219079	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56
2	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56
3	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	56
4	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50
5	Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	50





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Data File : BN000825.D
Acq On : 23 Apr 2018 13:10
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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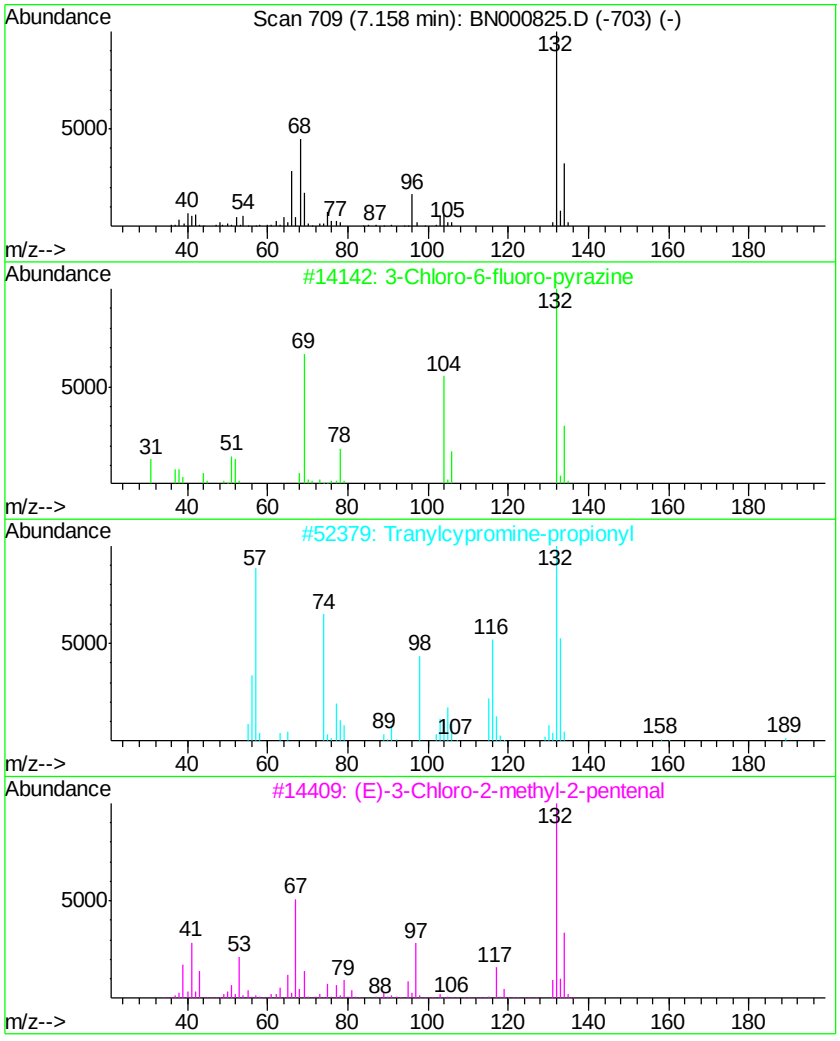
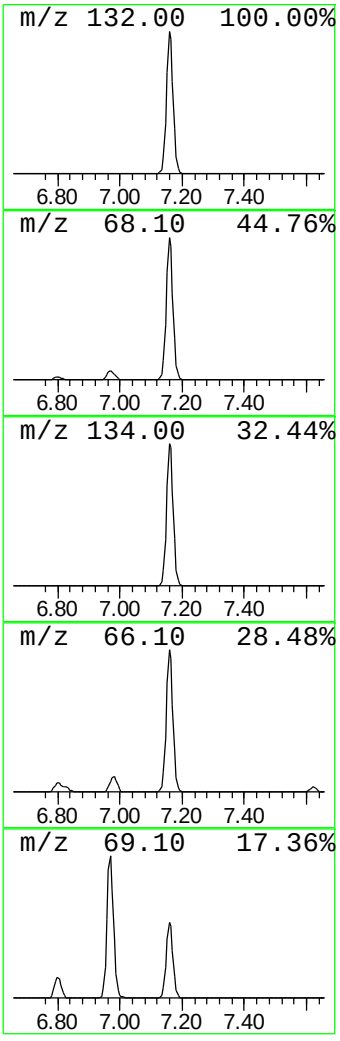
Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	21.08 ng/ul	731684	1,4-Dichlorobenzene-d4	7.62

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	10
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Xenon	132	Xe	007440-63-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000825.D
Acq On : 23 Apr 2018 13:10
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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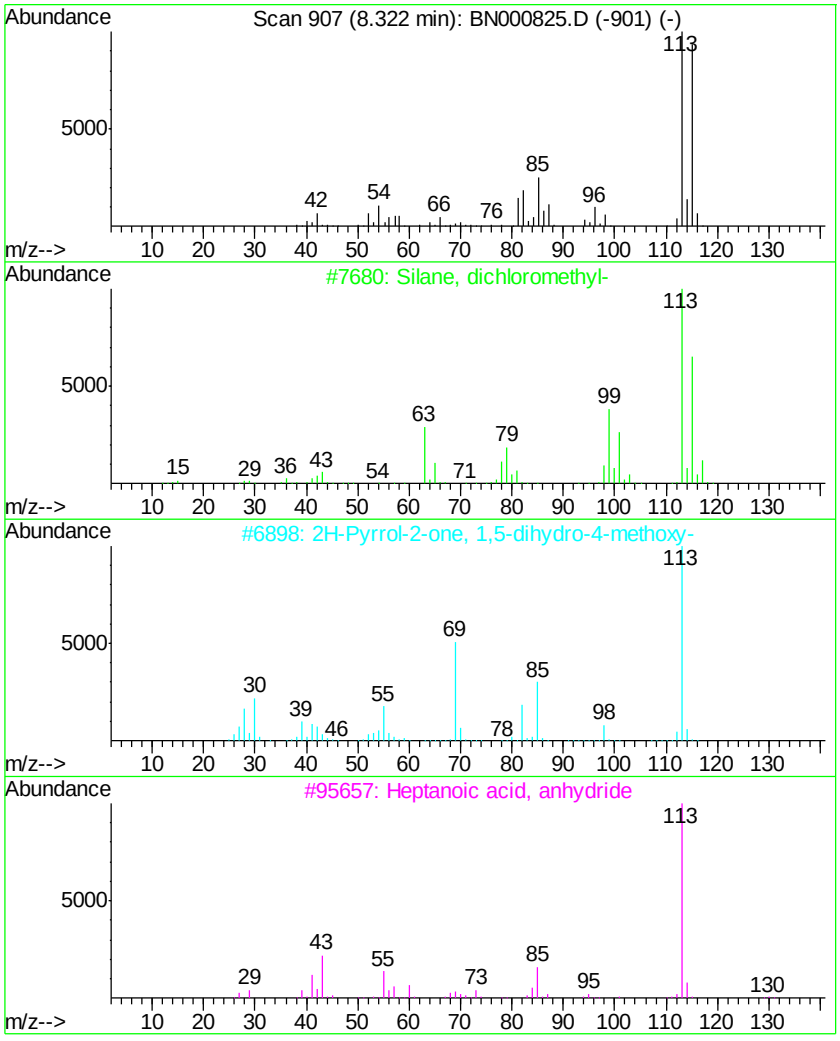
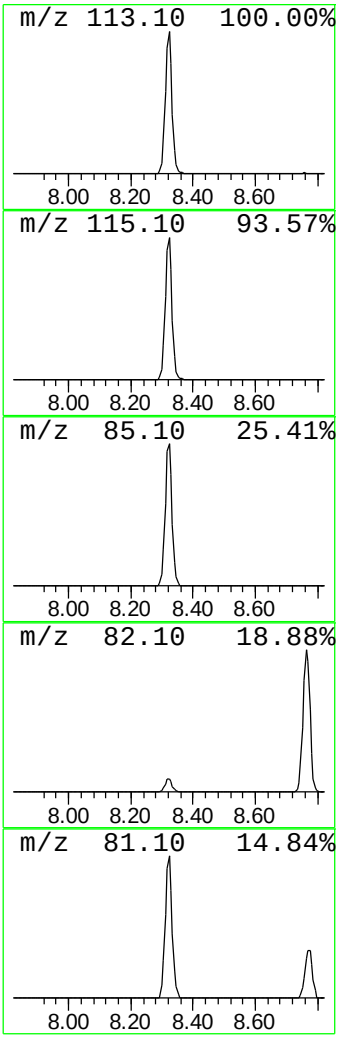
Peak Number 4 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	17.28 ng/ul	599798	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2	2H-Pyrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	32
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
4	Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	27
5	Thiazole, 2,5-dimethyl-	113	C5H7NS	004175-66-0	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000825.D
Acq On : 23 Apr 2018 13:10
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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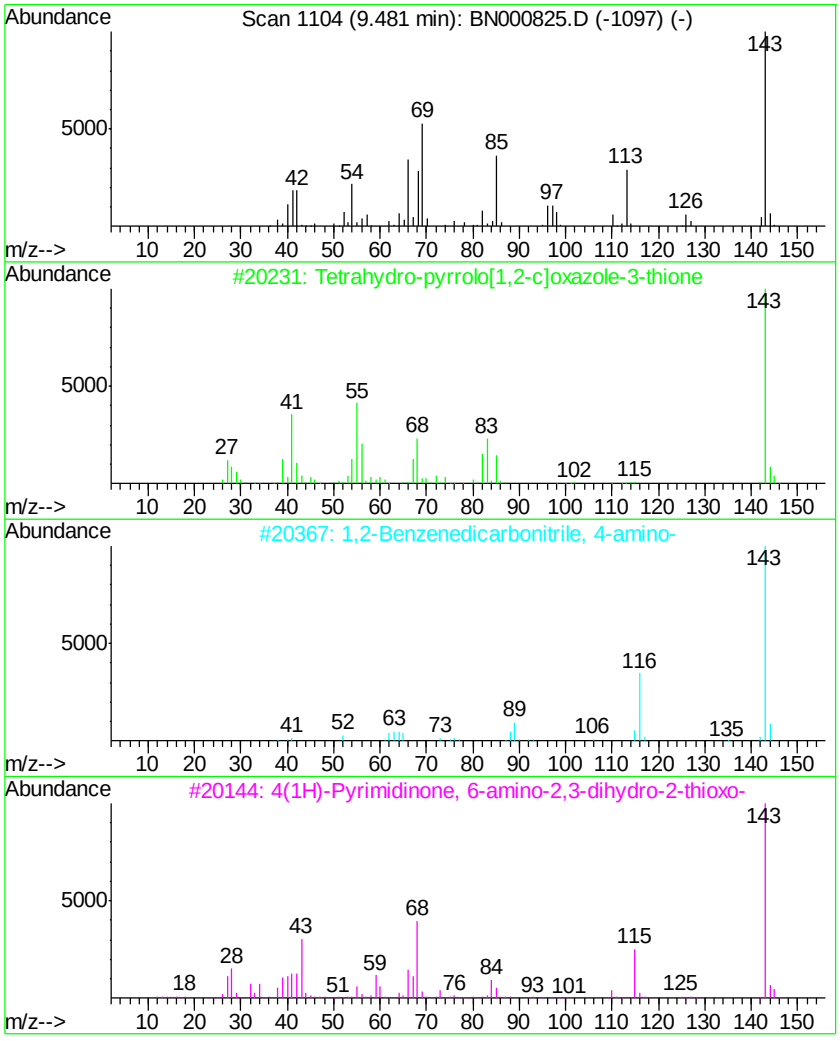
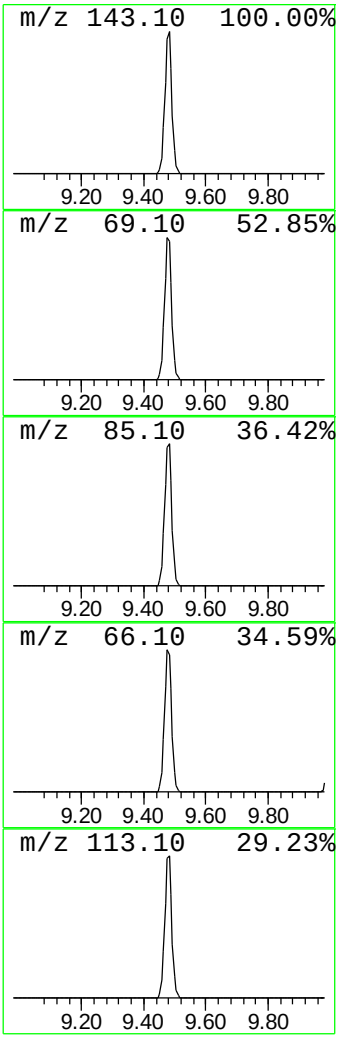
Peak Number 6 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	12.71 ng/ul	639044	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydro-pyrrolo[1,2-c]oxazole...	143	C6H9NOS	1000190-53-6	25
2	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	18
3	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	17
4	1,2-Benzenedicarbonitrile, 4-amino-	143	C8H5N3	056765-79-8	14
5	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12





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Acq On : 23 Apr 2018 13:10
Operator : JU/SJ
Sample : J2467-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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

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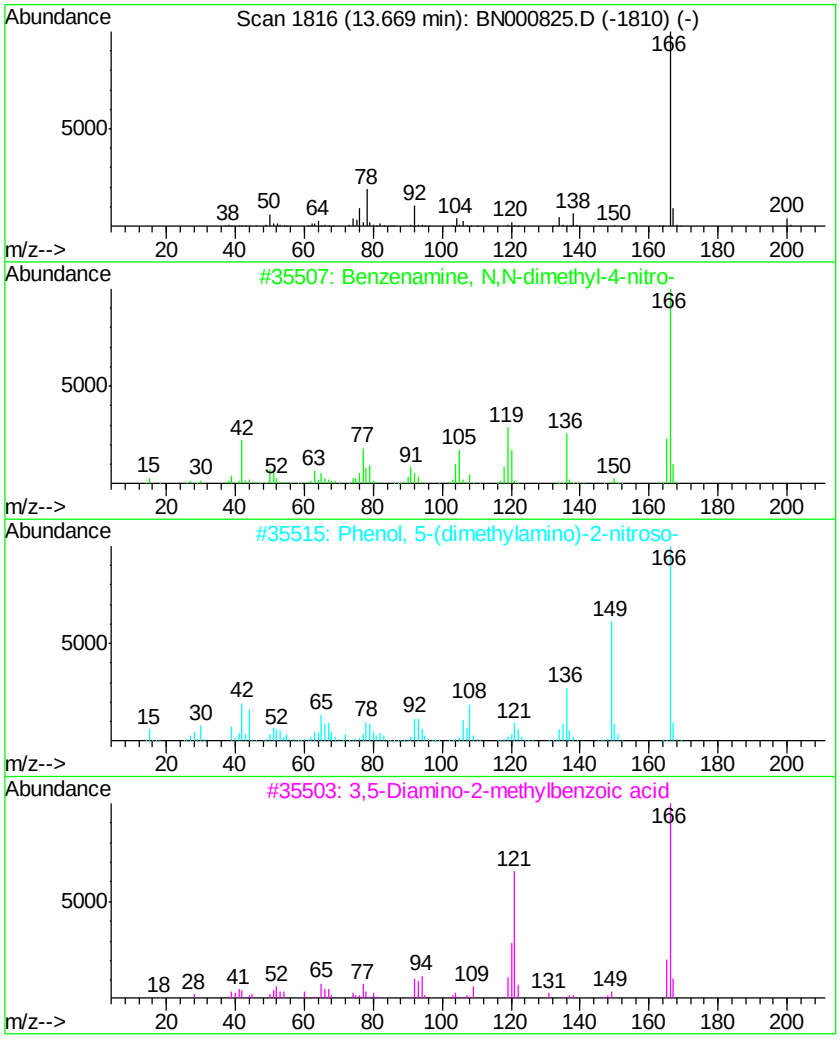
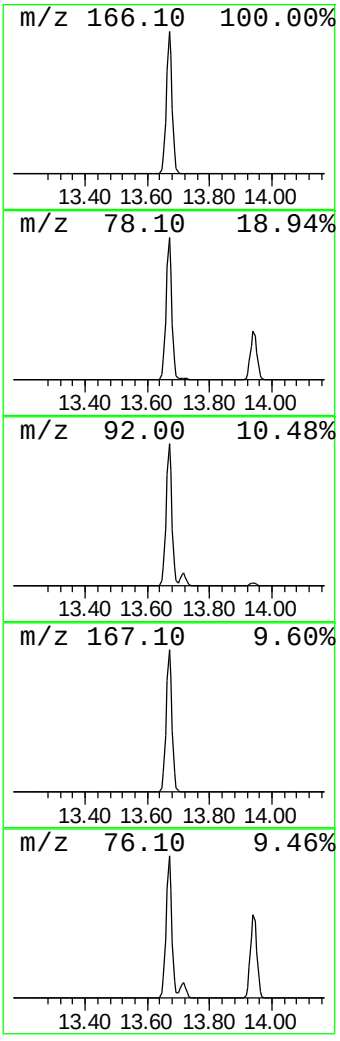
Peak Number 7 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	22.76 ng/ul	1381950	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
2	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	36
3	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9
5	Benzenamine, N,N-dimethyl-3-nitro-	166	C8H10N2O2	000619-31-8	9





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3Y47

Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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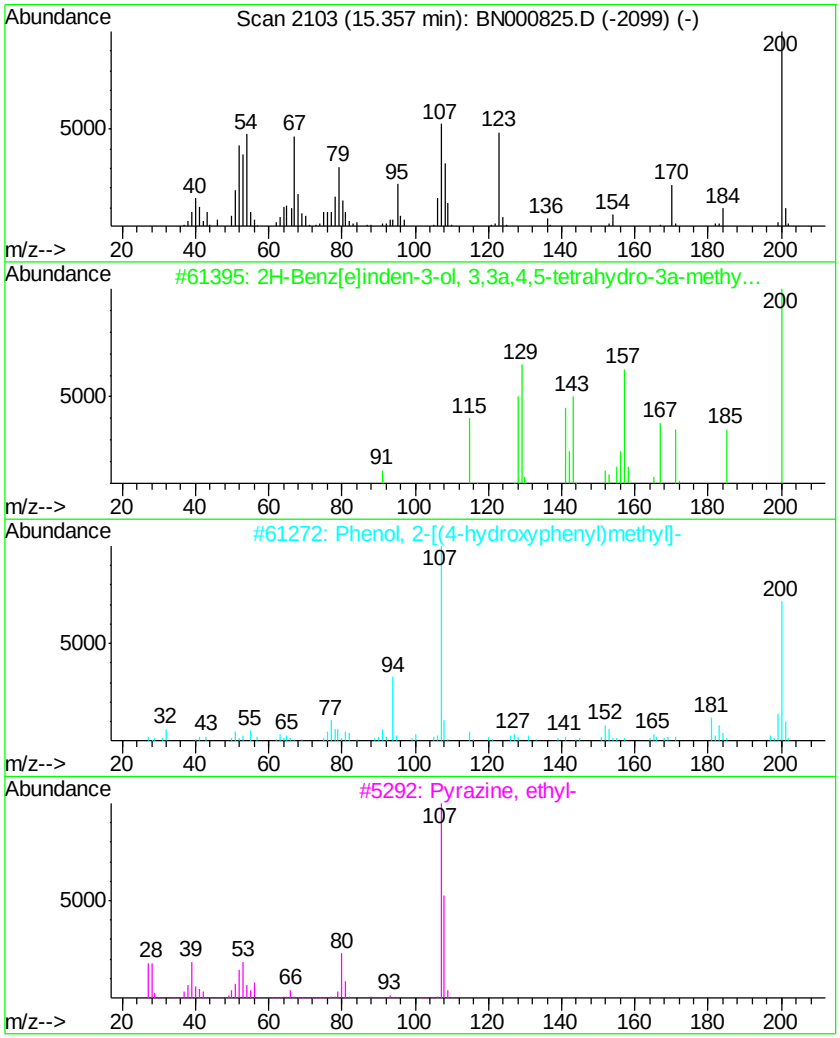
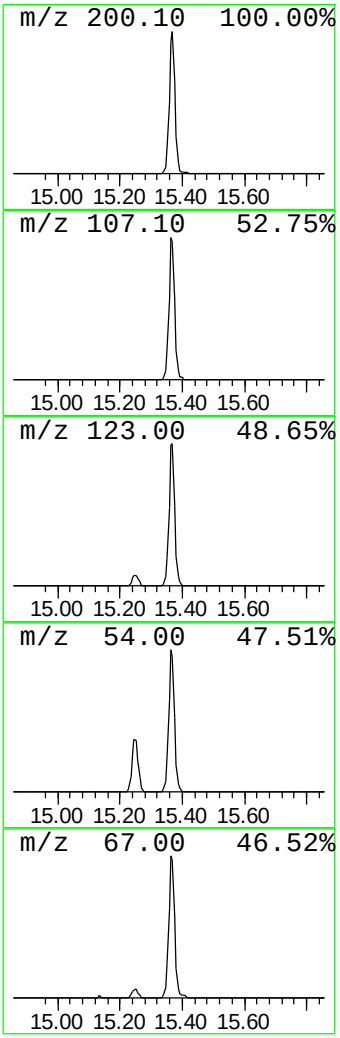
Peak Number 9 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	9.31 ng/ul	565660	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Benz[e]inden-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	22
2	Phenol, 2-[(4-hydroxyphenyl)meth...	200	C13H12O2	002467-03-0	12
3	Pyrazine, ethyl-	108	C6H8N2	013925-00-3	10
4	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	10
5	4-Ethoxy-tricyclo[5.2.1.0(2,6)]d...	201	C13H15NO	1000193-61-5	10





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Hexanoic acid, 3-...	6.80	6.3	ng/ul	219079	1	7.62	694308	20.0
unknown-01	7.16	21.1	ng/ul	731684	1	7.62	694308	20.0
unknown-02	8.32	17.3	ng/ul	599798	1	7.62	694308	20.0
unknown-03	9.48	12.7	ng/ul	639044	2	10.39	1005540	20.0
unknown-04	13.67	22.8	ng/ul	1381950	3	14.25	1214570	20.0
unknown-05	15.36	9.3	ng/ul	565660	3	14.25	1214570	20.0