LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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	5.705	458	462	469	rBV	49529	74631	3.11%	0.280%
2	6.799	641	648	657	rVB	147863	232435	9.69%	0.872%
3	6.969	671	677	689	rBV	520341	767745	32.01%	2.881%
4	7.157	703	709	717	rBV	496416	763694	31.84%	2.866%
5	7.622	782	788	795	rBV	486513	737141	30.73%	2.766%
6	7.693	795	800	809	rVB	154244	217709	9.08%	0.817%
7	8.322	901	907	919	rBV	424398	645166	26.90%	2.421%
8	8.704	967	972	976	rBV	46232	70623	2.94%	0.265%
9	8.763	976	982	988	rVV	540894	840600	35.05%	3.155%
10	9.481	1097	1104	1111	rVB	427007	679126	28.32%	2.549%
11	10.010	1187	1194	1207	rBV	659298	1035204	43.16%	3.885%
12	10.387	1251	1258	1265	rBV	673938	1074516	44.80%	4.033%
13	11.675	1471	1477	1484	rVB2	46187	70930	2.96%	0.266%
14	12.863	1674	1679	1684	rBV	19292	25490	1.06%	0.096%
15	13.169	1725	1731	1736	rBV	32461	47467	1.98%	0.178%
16	13.669	1810	1816	1827	rBV	1109697	1474777	61.49%	5.535%
17	13.939	1855	1862	1875	rBV	1288784	1871011	78.01%	7.022%
18	14.251	1909	1915	1924	rVB2	868322	1311567	54.69%	4.922%
19	14.451	1944	1949	1959	rBV	75011	113148	4.72%	0.425%
20	14.939	2026	2032	2039	rVB	19239	26561	1.11%	0.100%
21	15.251	2078	2085	2099	rVB	1543350	2213544	92.29%	8.307%
22	15.363	2099	2104	2114	rBV	427437	565483	23.58%	2.122%
23	16.998	2376	2382	2389	rBV	1025223	1378508	57.48%	5.173%
24	17.098	2392	2399	2412	rVV2	1586107	2205384	91.95%	8.277%
25	17.686	2493	2499	2503	rBV	245284	294268	12.27%	1.104%
26	19.398	2784	2790	2801	rBV2	1768058	2381888	99.31%	8.939%
27	21.204	3091	3097	3104	rBV	1142627	1460939	60.91%	5.483%
28	22.768	3359	3363	3367	rVB2	24569	34014	1.42%	0.128%
29	23.251	3438	3445	3452	rBV2	1353271	2398388	100.00%	9.001%
30	23.315	3453	3456	3461	rVV3	40245	60439	2.52%	0.227%
31	23.386	3461	3468	3480	rVB2	829686	1521157	63.42%	5.709%
32	23.939	3560	3562	3569	rVB2	35020	52278	2.18%	0.196%

LSC Area Percent Report

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Data File : BN000832.D
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Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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

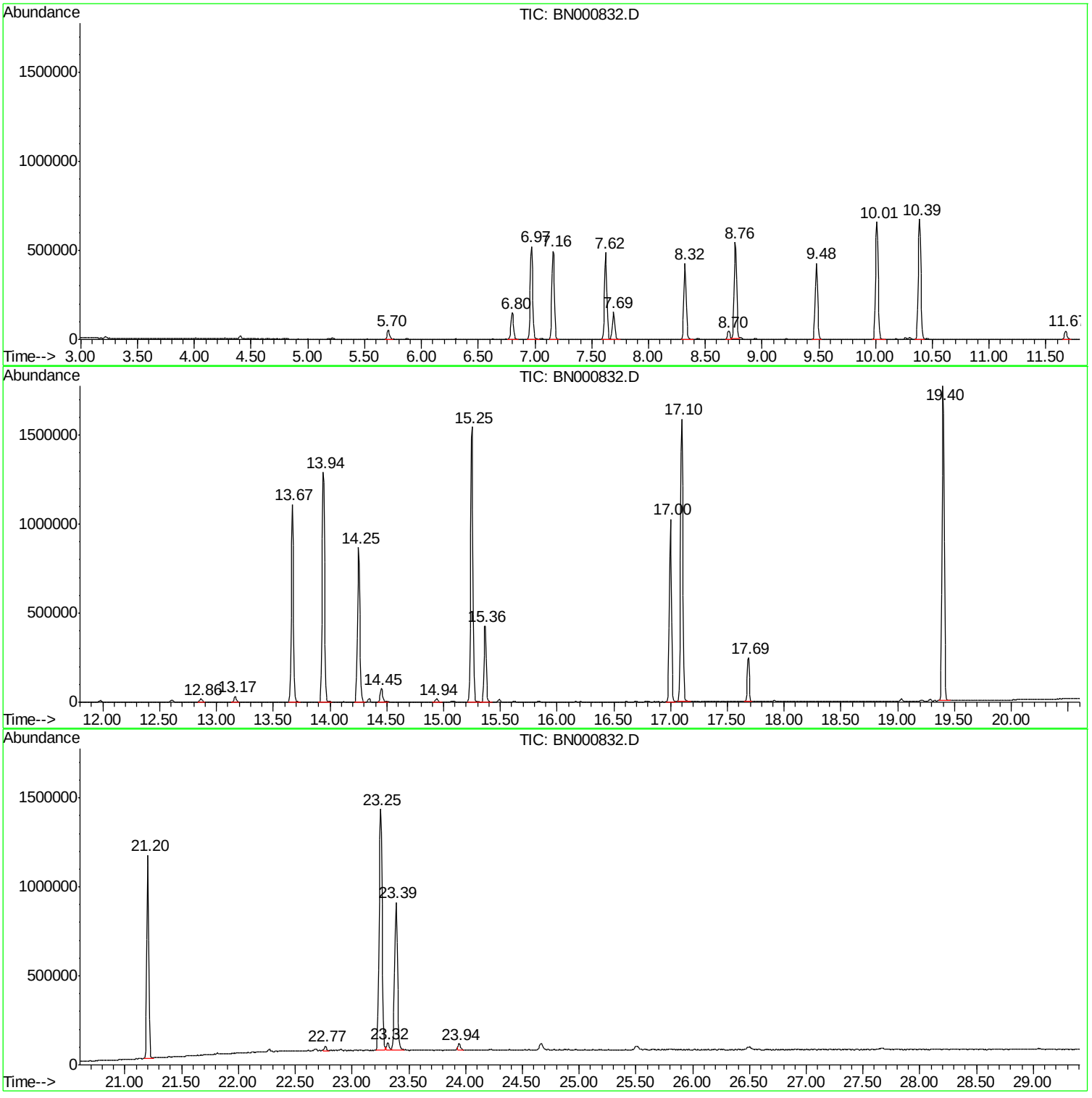
Sum of corrected areas: 26645831

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3XS1

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

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
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Operator : JU/SJ
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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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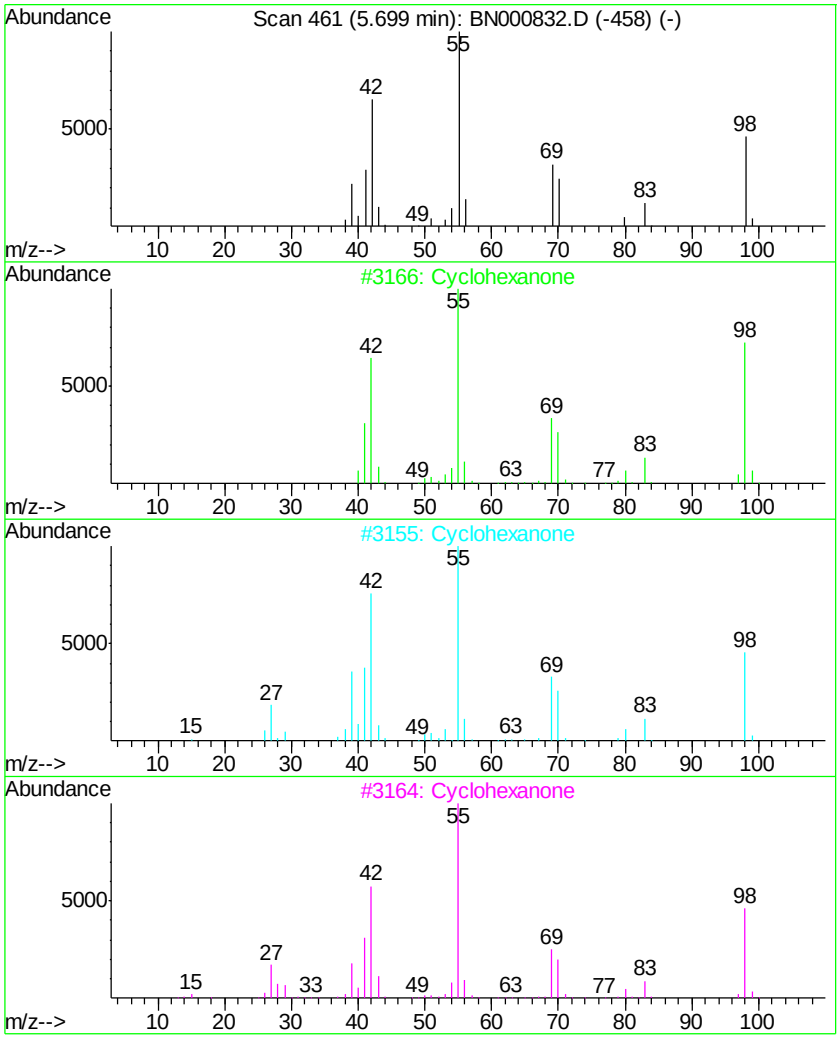
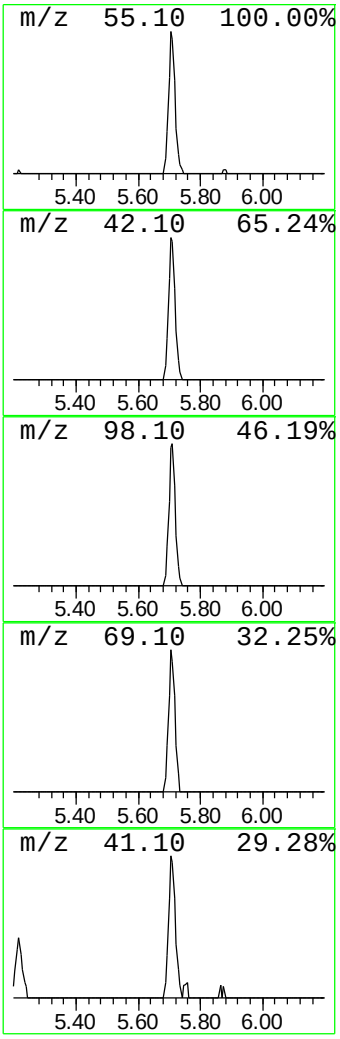
Peak Number 1 Cyclohexanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	2.02 ng/ul	74631	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	91
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	83





Library Search Compound Report

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Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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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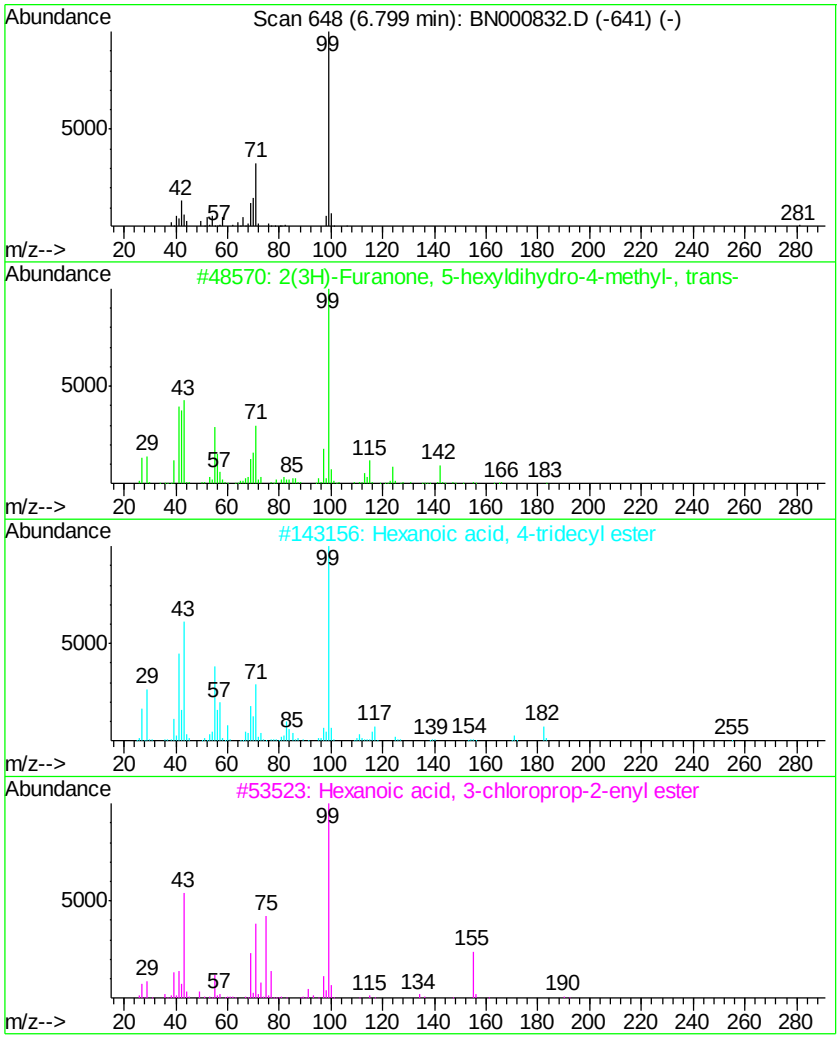
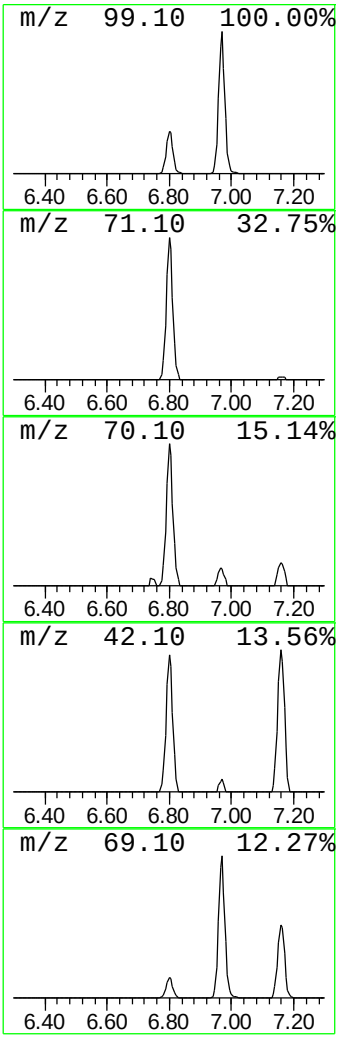
Peak Number 2 2(3H)-Furanone, 5-hexyldihy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	6.31 ng/ul	232435	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Furanone, 5-hexyldihydro-4...	184	C11H20O2	147254-33-9	64
2	Hexanoic acid, 4-tridecyl ester	298	C19H38O2	1000279-29-3	64
3	Hexanoic acid, 3-chloroprop-2-en...	190	C9H15ClO2	1000299-36-1	59
4	Hexanoic acid, 5-tridecyl ester	298	C19H38O2	1000279-29-4	56
5	Hexanoic acid, 3-tridecyl ester	298	C19H38O2	1000279-29-2	56





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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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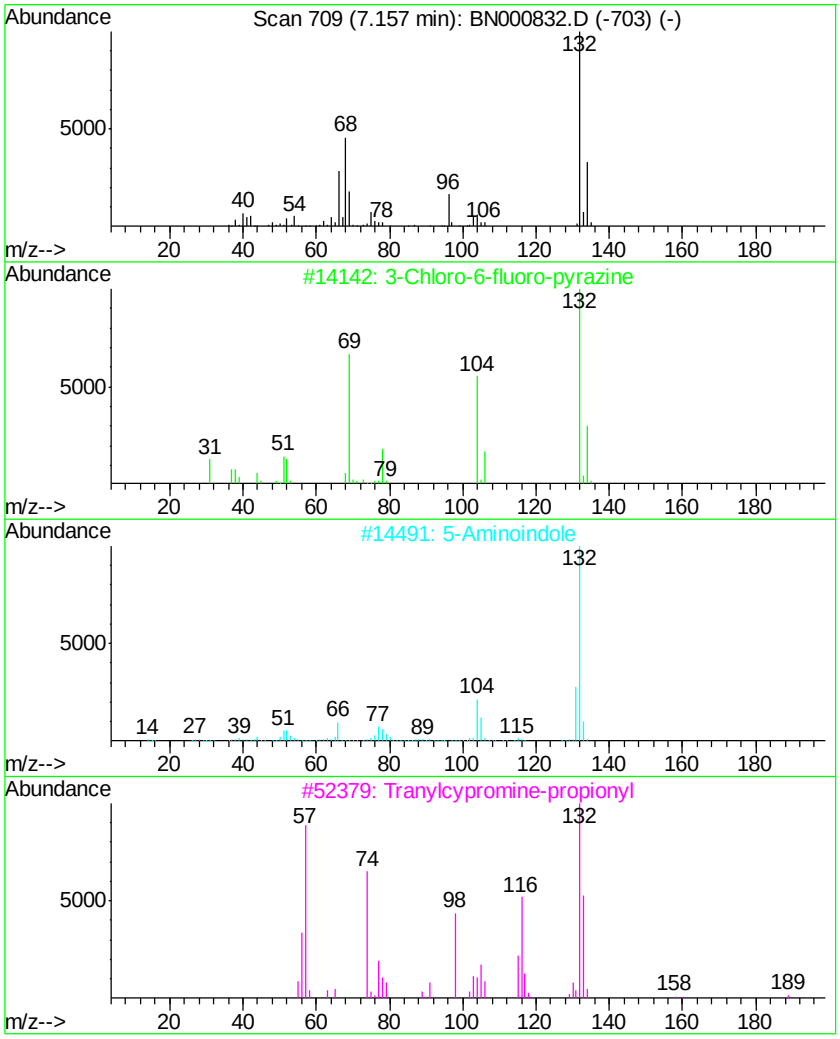
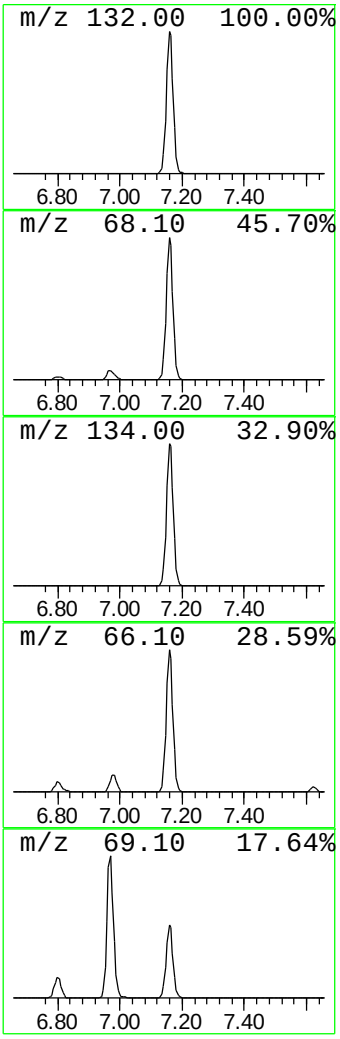
Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	20.72 ng/ul	763694	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	16
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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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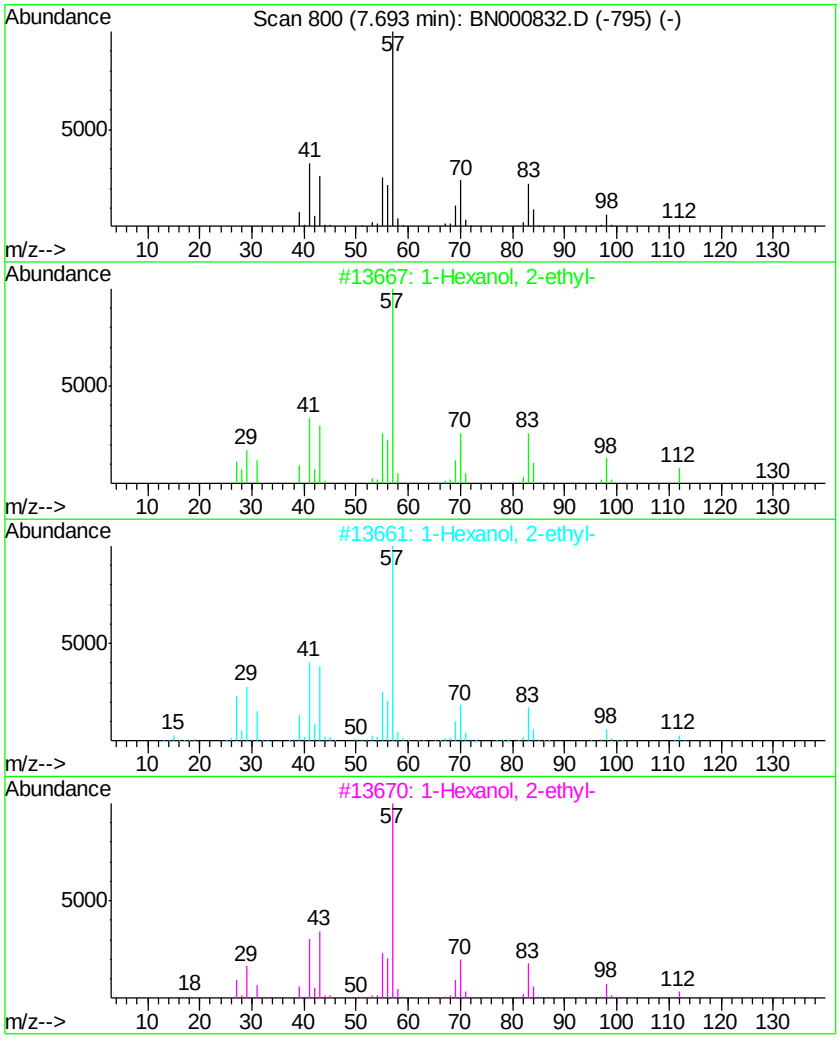
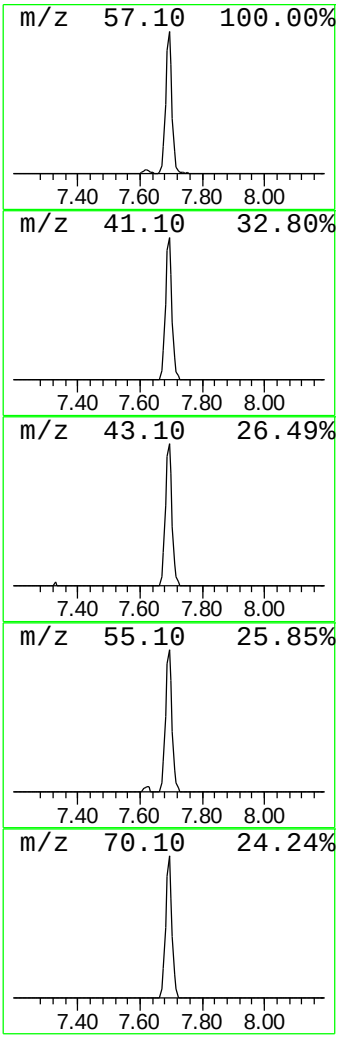
Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	5.91 ng/ul	217709	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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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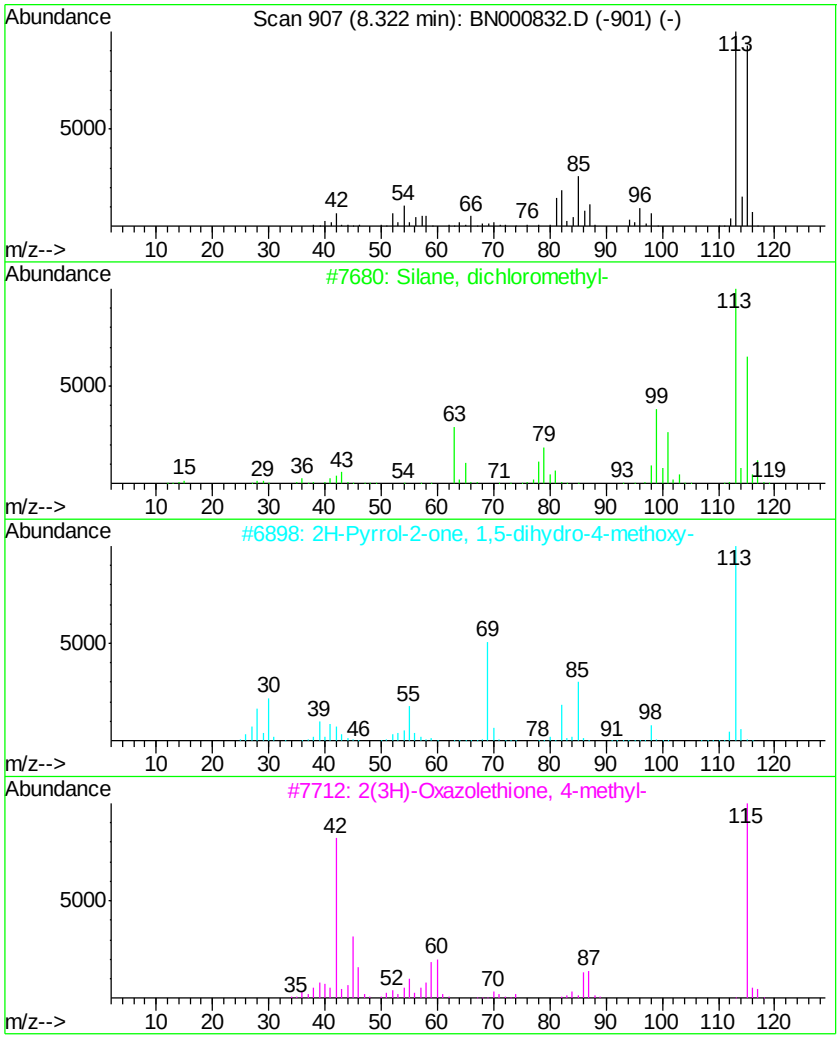
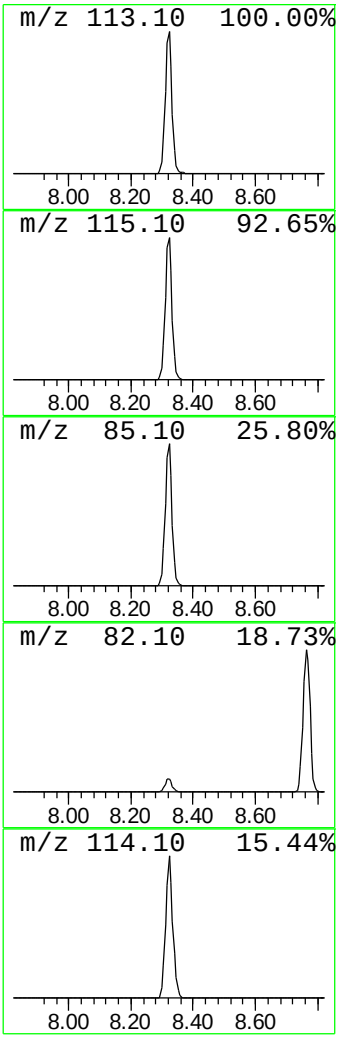
Peak Number 6 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.32	17.50 ng/ul	645166	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	2(3H)-Oxazolethione, 4-methyl-	115	C4H5NOS	013016-17-6	27
4	3,4-Methylpropylsuccinimide	155	C8H13NO2	1000248-78-0	25
5	Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	25





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Instrument : BNA_N
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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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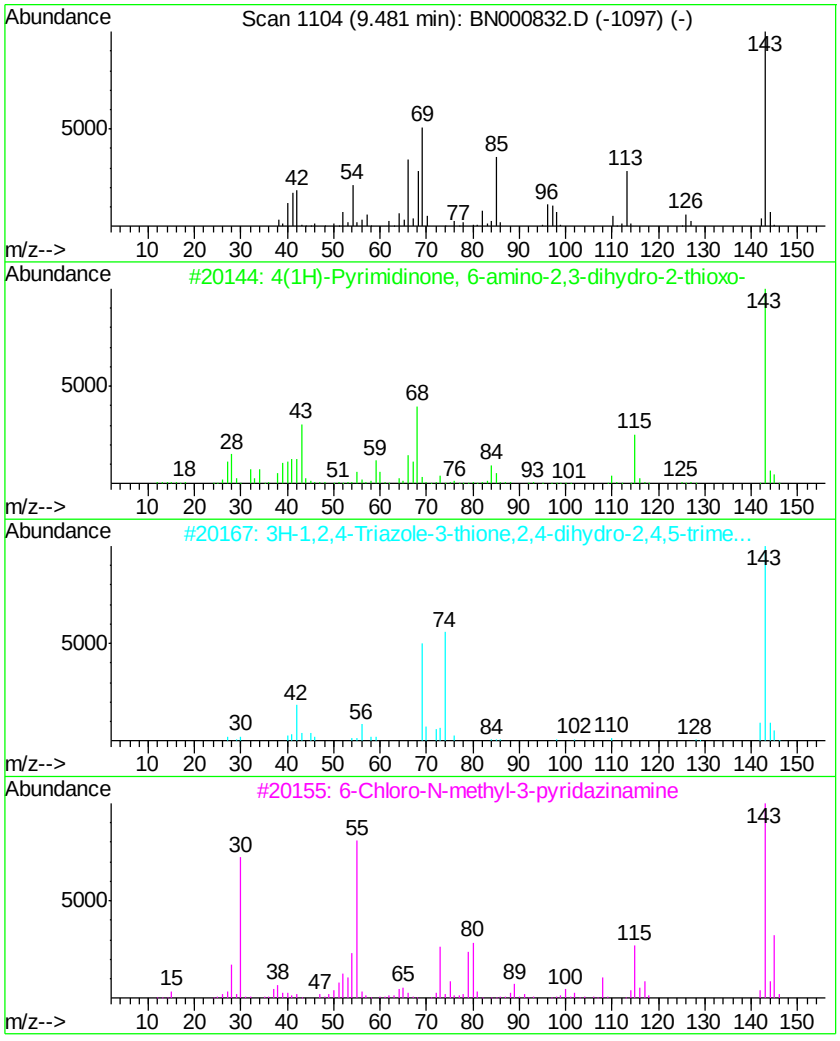
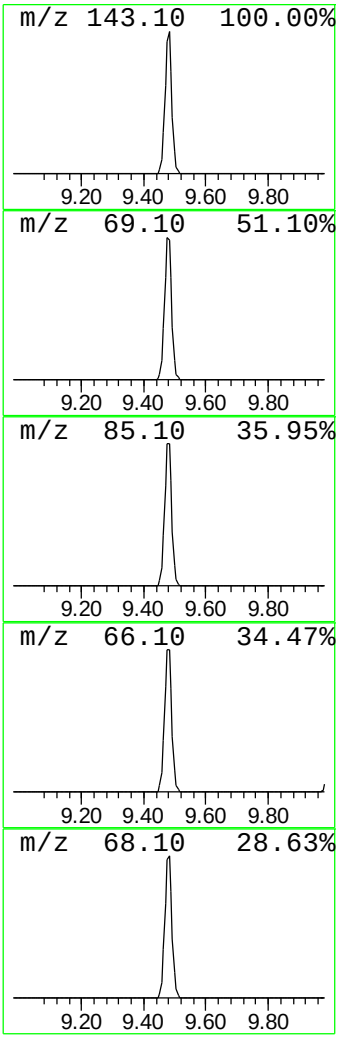
Peak Number 8 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	12.64 ng/ul	679126	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	17
2	3H-1,2,4-Triazole-3-thione,2,4-d...	143	C5H9N3S	037526-42-4	14
3	6-Chloro-N-methyl-3-pyridazinamine	143	C5H6ClN3	014959-32-1	12
4	Glutaric acid, ethyl 4-heptyl ester	258	C14H26O4	1000359-45-2	10
5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	10





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Instrument : BNA_N
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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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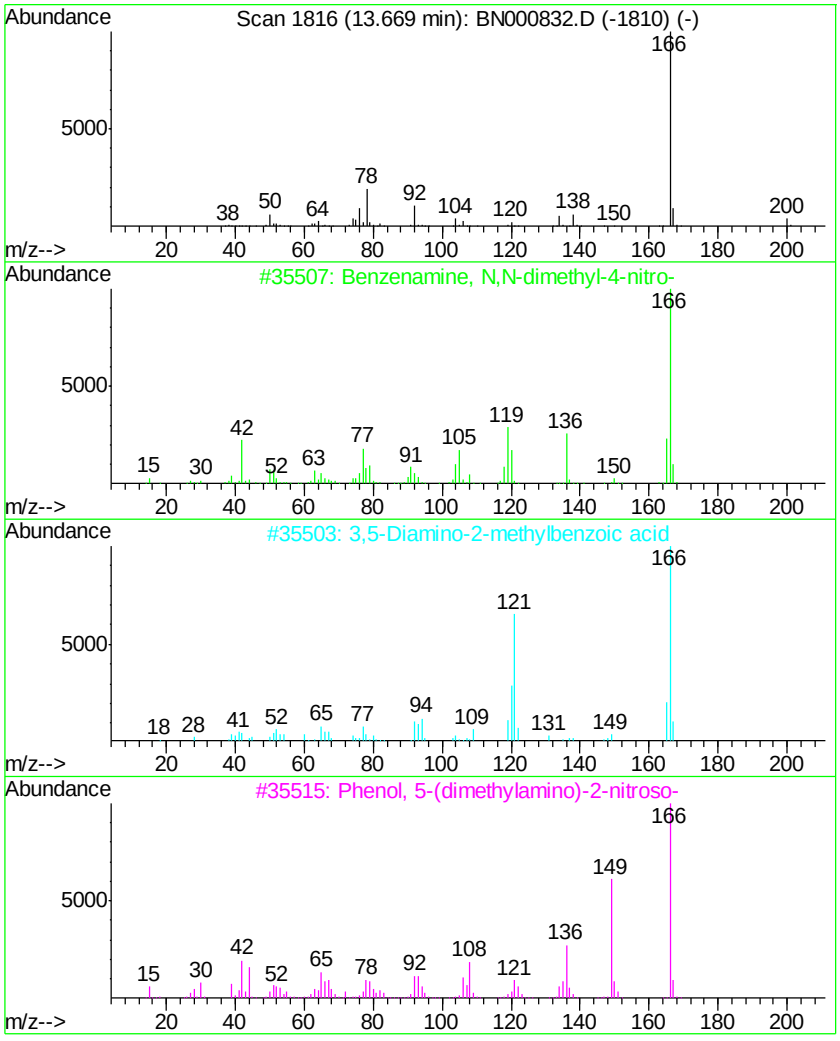
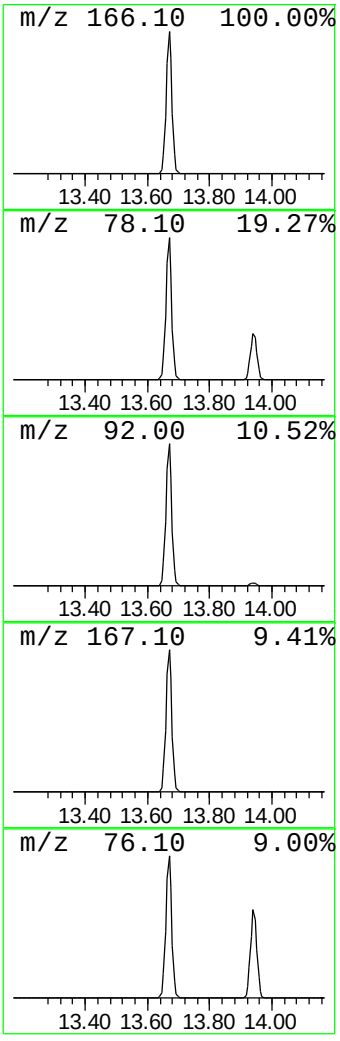
Peak Number 9 unknown-04 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	22.49 ng/ul	1474780	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	36
2	3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36
3	Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	36
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	9
5	6H-Purine-6-thione, 1,7-dihydro-...	166	C6H6N4S	001126-23-4	9





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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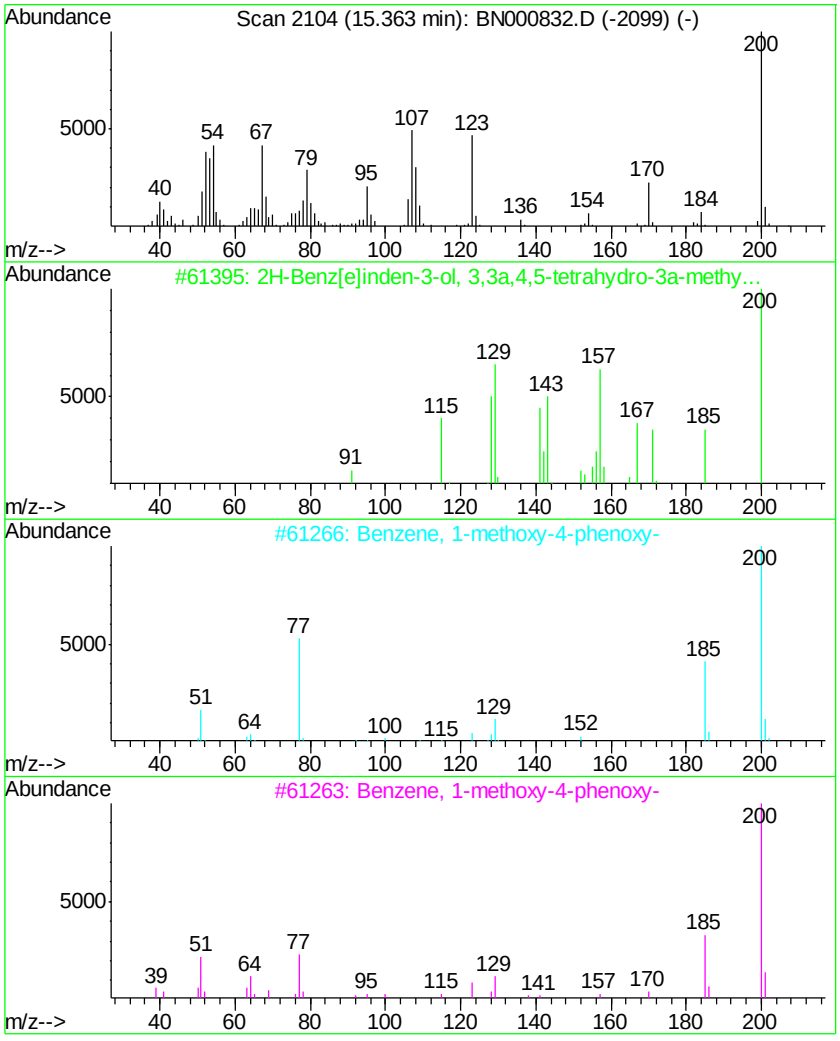
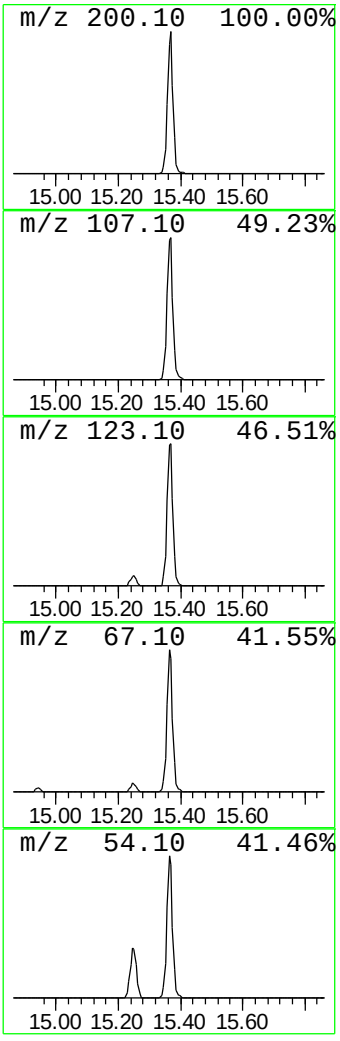
Peak Number 10 unknown-05 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	8.62 ng/ul	565483	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	25
2	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	10
3	Benzene, 1-methoxy-4-phenoxy-	200	C13H12O2	001655-69-2	10
4	DL-Norleucine, N-neopentyloxycar...	469	C28H55NO4	1000339-05-8	10
5	D-Norleucine, N-neopentyloxycarb...	455	C27H53NO4	1000344-14-0	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042318\
Data File : BN000832.D
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Operator : JU/SJ
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Misc :
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Instrument : BNA_N
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Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041918-PAH.M
Quant Title : SVOA CALIBRATION

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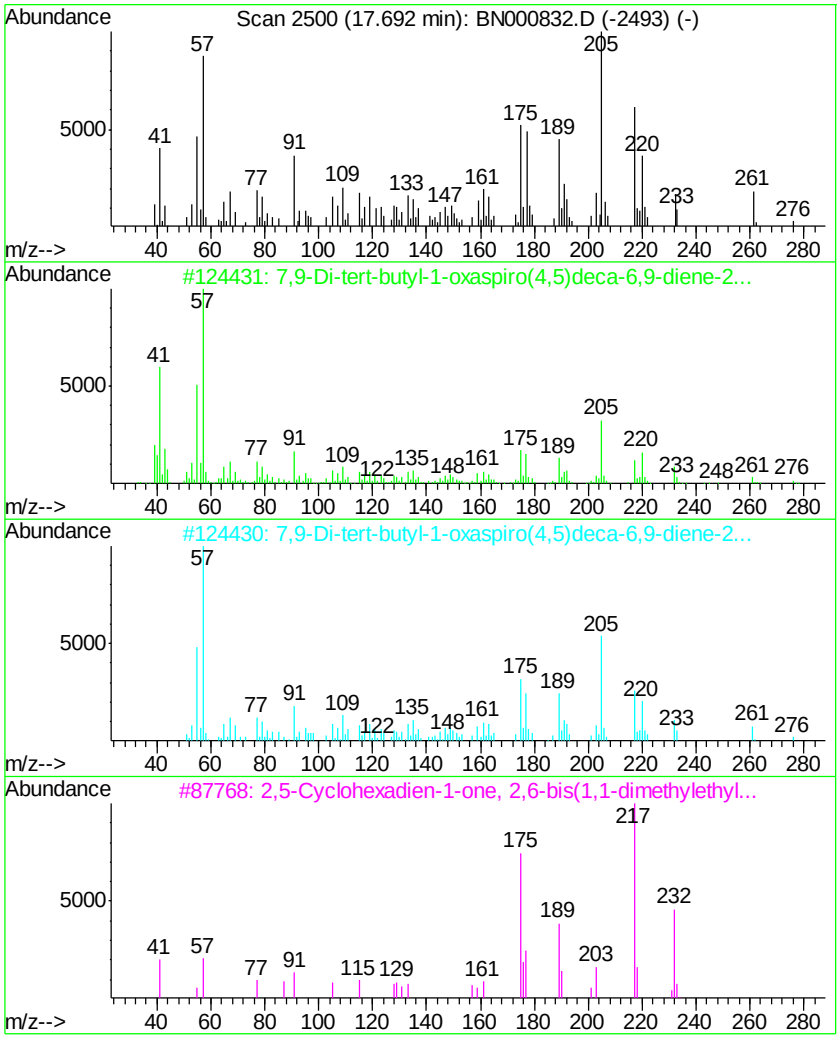
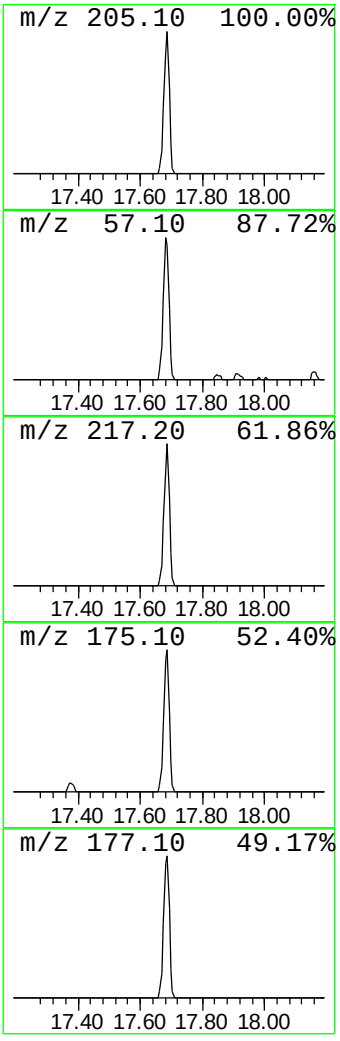
Peak Number 11 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	4.27 ng/ul	294268	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	98
3	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN042318\
Data File : BN000832.D
Acq On : 23 Apr 2018 18:07
Operator : JU/SJ
Sample : J2467-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3XS1

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexanone	5.70	2.0	ng/ul	74631	1	7.62	737141	20.0
2(3H)-Furanone, 5...	6.80	6.3	ng/ul	232435	1	7.62	737141	20.0
unknown-01	7.16	20.7	ng/ul	763694	1	7.62	737141	20.0
1-Hexanol, 2-ethyl-	7.69	5.9	ng/ul	217709	1	7.62	737141	20.0
unknown-02	8.32	17.5	ng/ul	645166	1	7.62	737141	20.0
unknown-03	9.48	12.6	ng/ul	679126	2	10.39	1074520	20.0
unknown-04	13.67	22.5	ng/ul	1474780	3	14.25	1311570	20.0
unknown-05	15.36	8.6	ng/ul	565483	3	14.25	1311570	20.0
7,9-Di-tert-butyl...	17.69	4.3	ng/ul	294268	4	17.00	1378510	20.0