LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002666.D
Acq On : 12 Sep 2018 21:48
Operator : JU/SJ
Sample : J4792-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ5

Integration Parameters: LSCINT.P
Integrator: RTE
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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.828	308	313	323	rVB	150708	222736	6.89%	0.657%
2	6.846	646	656	674	rBV	584563	1056244	32.69%	3.118%
3	7.005	676	683	694	rBV	538159	844244	26.13%	2.492%
4	7.199	710	716	725	rBV	581662	924784	28.62%	2.730%
5	7.658	787	794	802	rBV	715976	1172472	36.28%	3.461%
6	8.369	909	915	931	rBV	634046	1077962	33.36%	3.182%
7	8.810	983	990	1000	rBV	680037	1117006	34.57%	3.297%
8	9.522	1105	1111	1122	rBV	307934	552298	17.09%	1.630%
9	10.063	1196	1203	1214	rBV	562604	1044149	32.31%	3.082%
10	10.428	1258	1265	1271	rBV	1063241	1780622	55.10%	5.256%
11	10.575	1281	1290	1303	rBV	589795	1083281	33.52%	3.197%
12	11.963	1521	1526	1531	rBV	57327	86525	2.68%	0.255%
13	13.704	1817	1822	1827	rBV	1533881	2253168	69.73%	6.650%
14	13.751	1827	1830	1839	rVB	881070	1240453	38.39%	3.661%
15	13.987	1863	1870	1875	rBV	1838326	2734780	84.63%	8.072%
16	14.122	1889	1893	1900	rVB	148494	252989	7.83%	0.747%
17	14.198	1901	1906	1911	rBV2	87220	152860	4.73%	0.451%
18	14.293	1917	1922	1930	rVB2	1513203	2344851	72.56%	6.921%
19	15.081	2052	2056	2061	rBV2	183114	272491	8.43%	0.804%
20	15.292	2086	2092	2098	rBV	2294517	3220828	99.67%	9.506%
21	17.045	2385	2390	2395	rBV	1835625	2618498	81.03%	7.729%
22	17.145	2402	2407	2415	rVB	2312586	3231399	100.00%	9.538%
23	18.669	2663	2666	2670	rVB	1136365	1424473	44.08%	4.204%
24	19.451	2795	2799	2803	rBV	2174921	3171754	98.15%	9.361%

Sum of corrected areas: 33880867

LSC Report - Integrated Chromatogram

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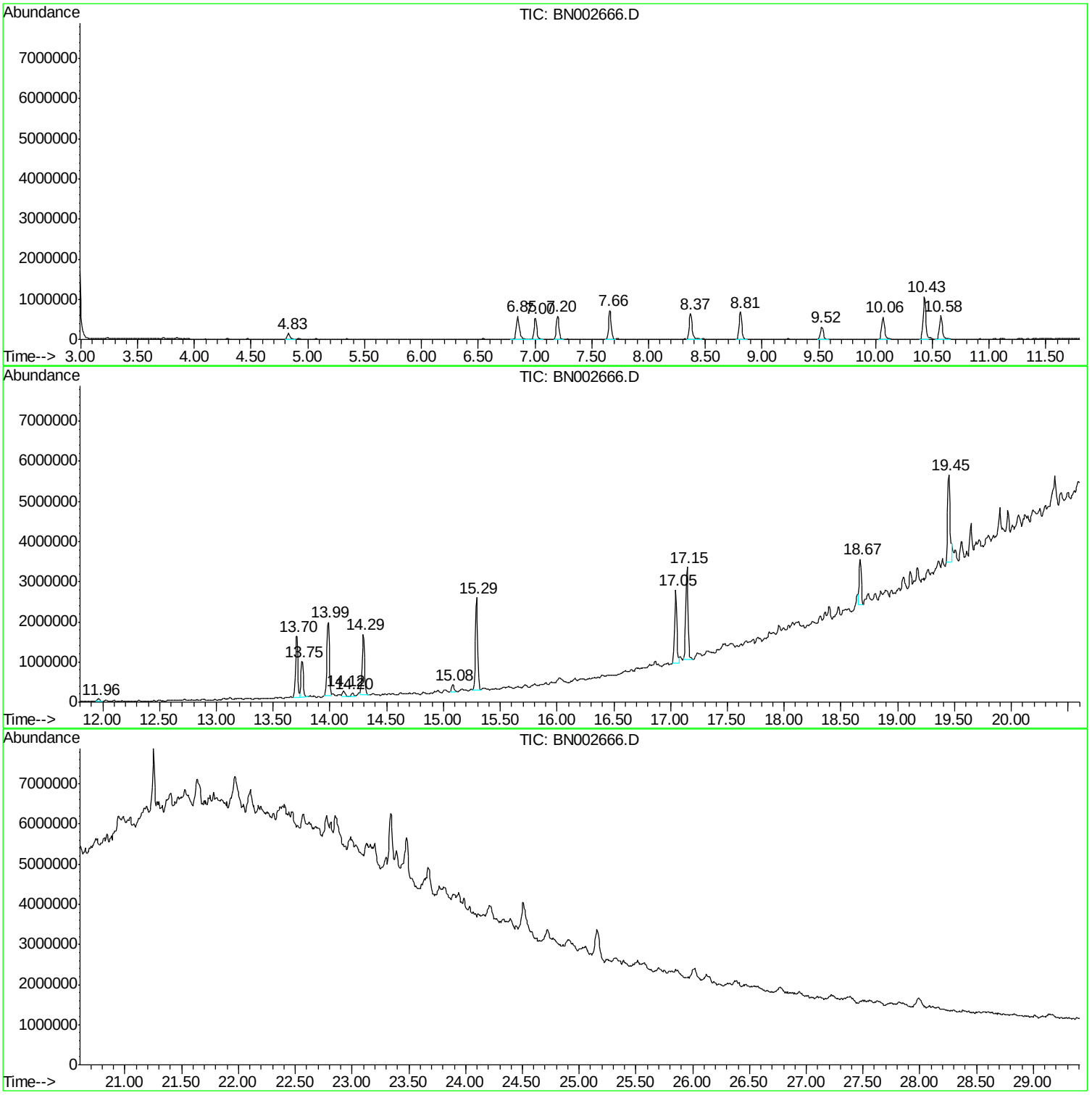
Instrument : BNA_N
ClientSampleId : A3YZ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BN002666.D
Acq On : 12 Sep 2018 21:48
Operator : JU/SJ
Sample : J4792-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ5

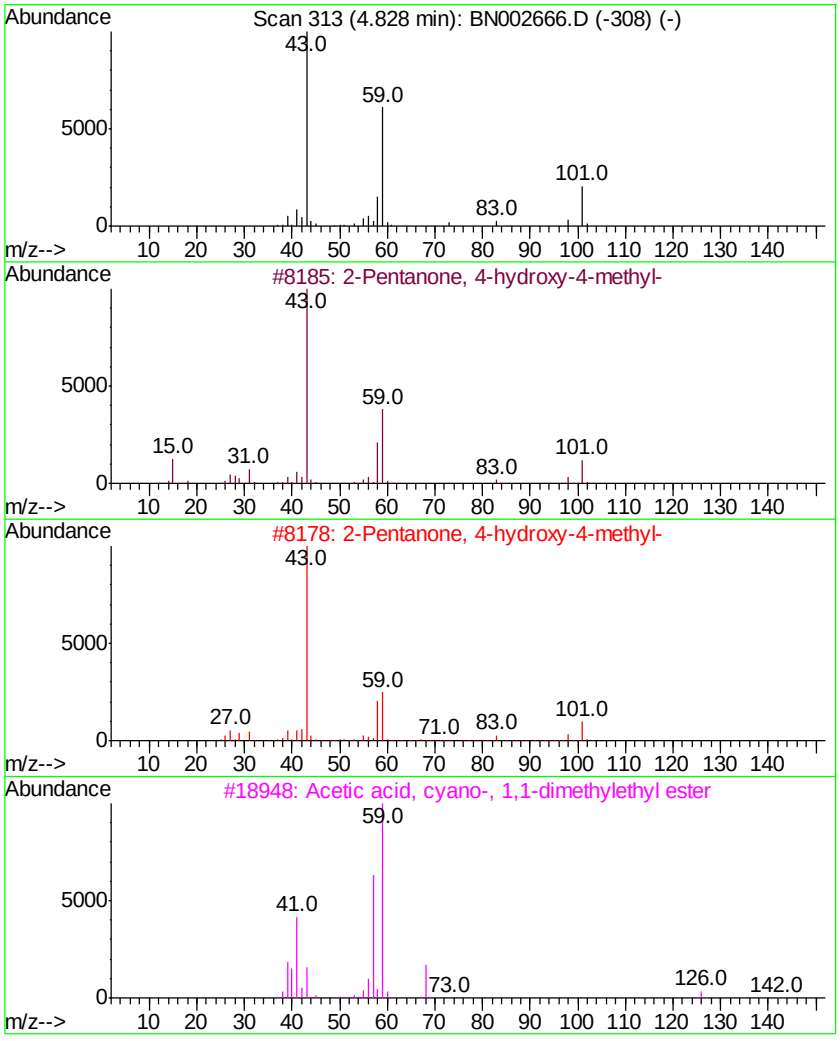
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

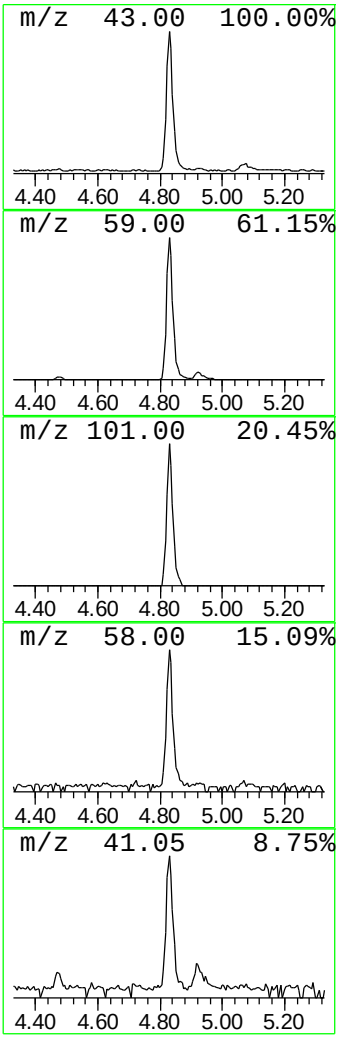
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	3.80 ng/ul	222736	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

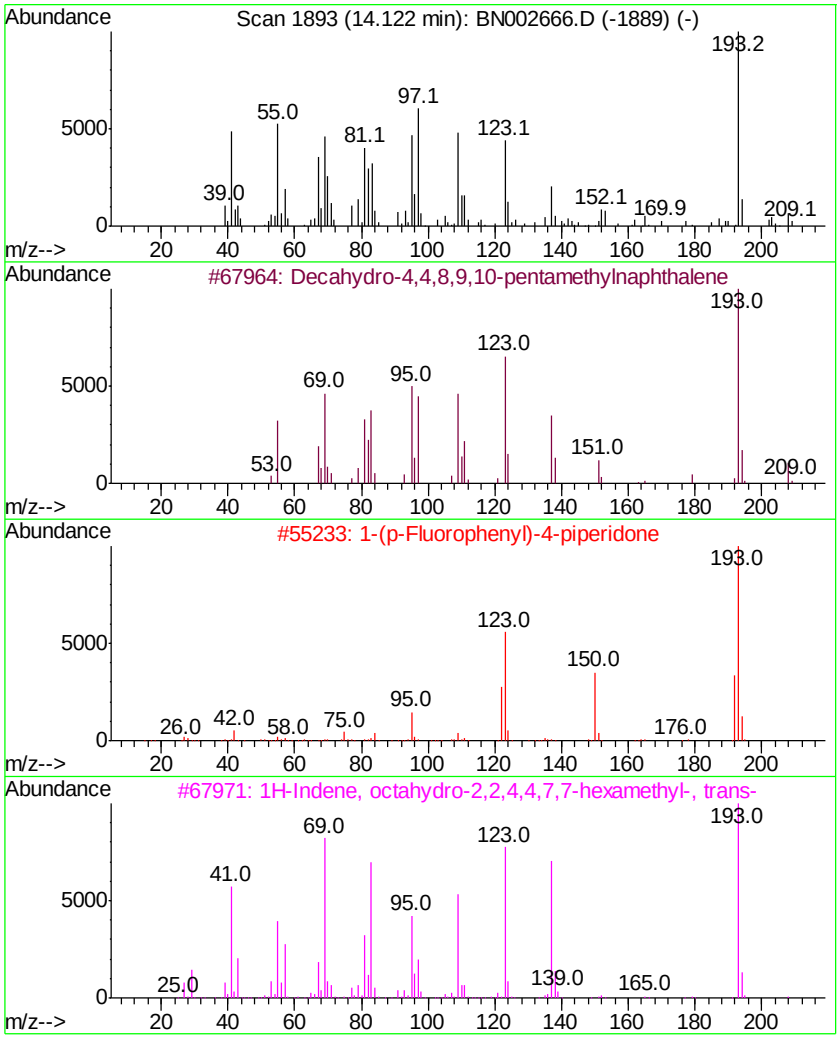
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

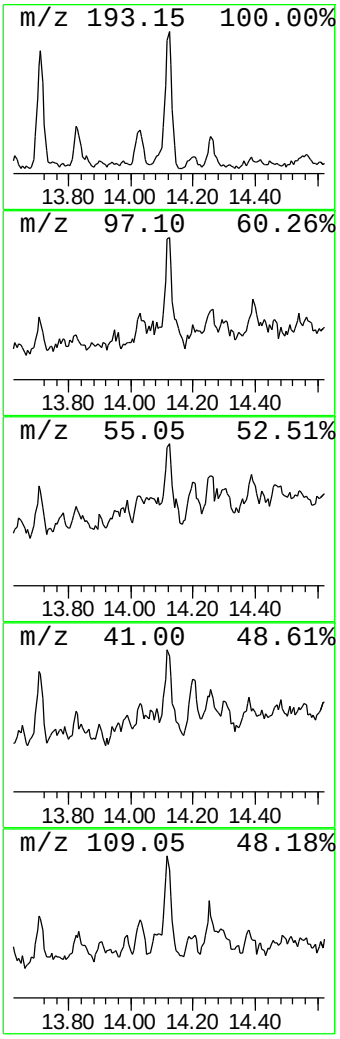
****

Peak Number 2 Decahydro-4,4,8,9,10-pentam... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.12	2.16 ng/ul	252989	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	64
2	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	43
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	37
4	1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	18
5	[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	14





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Operator : JU/SJ
Sample : J4792-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

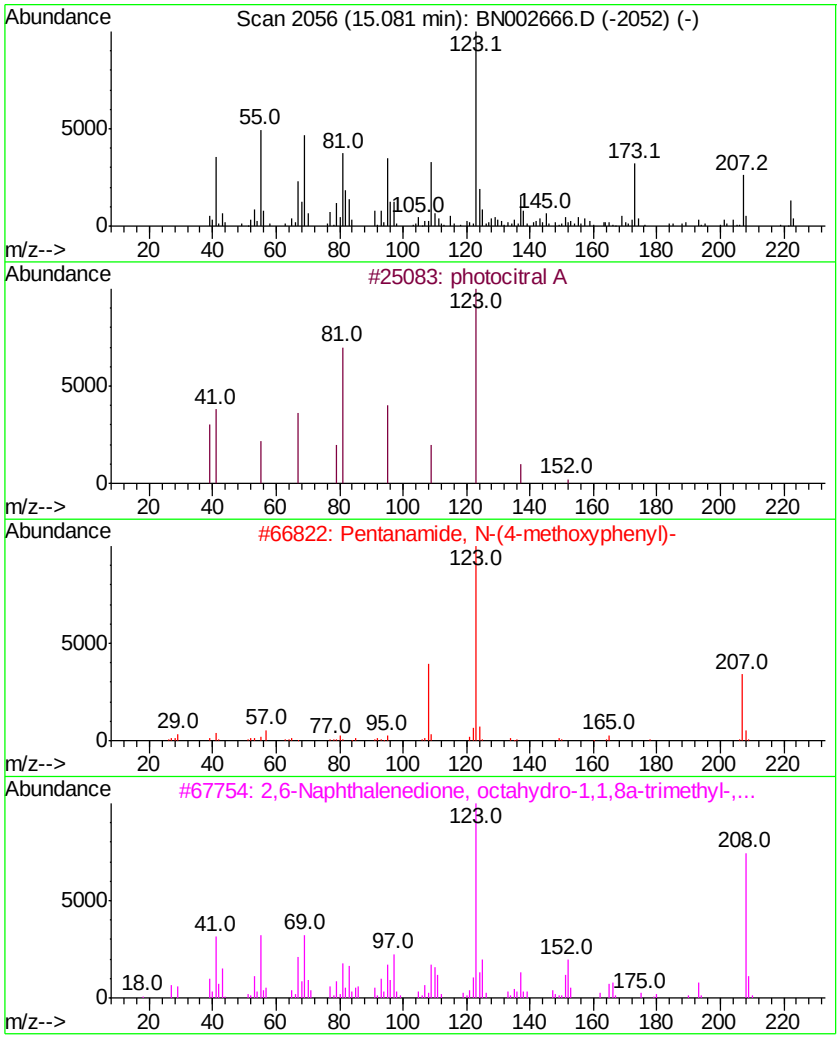
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

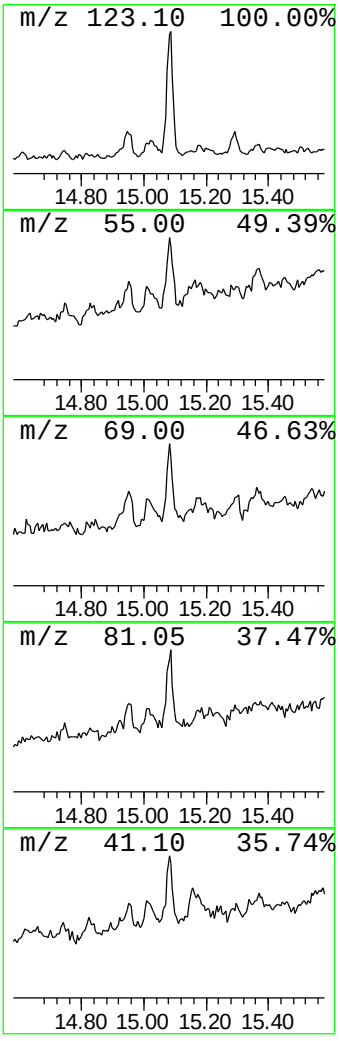
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	2.32 ng/ul	272491	Acenaphthene-d10	14.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	photocitral A	152	C10H16O	055253-28-6	43
2	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	43
3	2,6-Naphthalenedione, octahydro-...	208	C13H20O2	057289-17-5	43
4	.alpha.-Chloro-p-fluoroacetophenone	172	C8H6ClFO	000456-04-2	38
5	2-Pyrimidinamine, 4,6-dimethyl-	123	C6H9N3	000767-15-7	38





Library Search Compound Report

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A3YZ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

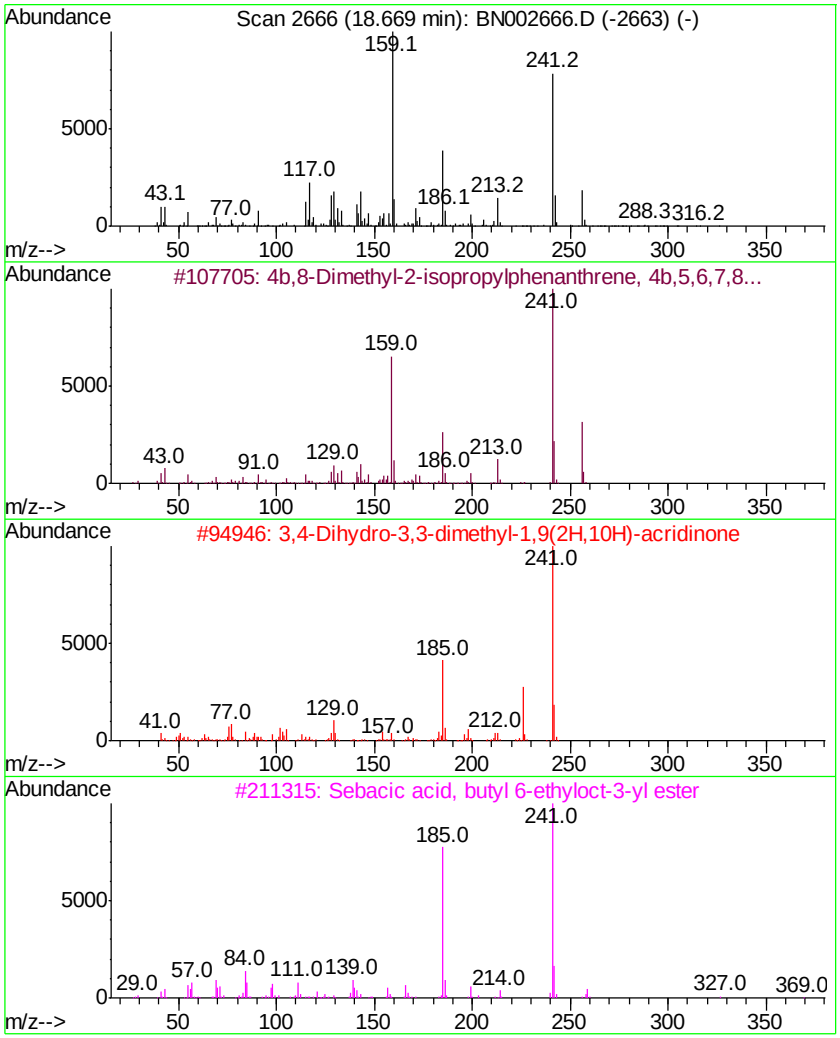
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

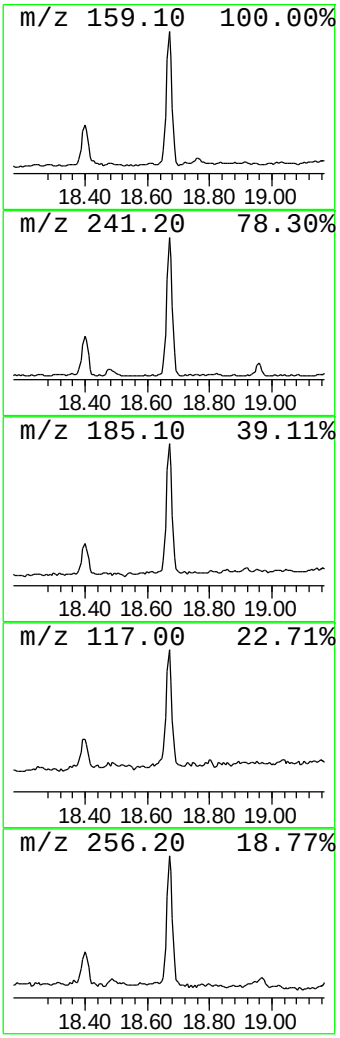
****

Peak Number 4 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	10.88 ng/ul	1424470	Phenanthrene-d10	17.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	93
2	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	43
3	Sebacic acid, butyl 6-ethyloct-3...	398	C24H46O4	1000354-18-4	32
4	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30
5	Bisphenol C	256	C17H20O2	000079-97-0	22





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_N
ClientSampleId : A3YZ5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
2-Pentanone, 4-hy...	4.83	3.8	ng/ul	222736	1	7.66	1172470	20.0
Decahydro-4,4,8,9...	14.12	2.2	ng/ul	252989	3	14.29	2344850	20.0
unknown-01	15.08	2.3	ng/ul	272491	3	14.29	2344850	20.0
4b,8-Dimethyl-2-i...	18.67	10.9	ng/ul	1424470	4	17.05	2618500	20.0