LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002391.D
Acq On : 17 Aug 2018 22:36
Operator : JU/SJ
Sample : J4421-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA3

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	6.852	651	657	671	rBV	665316	1178097	22.21%	1.911%
2	7.016	680	685	695	rVB	514139	800051	15.09%	1.298%
3	7.210	712	718	728	rBV	641222	1053842	19.87%	1.709%
4	7.675	790	797	807	rBV	699862	1120028	21.12%	1.817%
5	8.381	910	917	923	rBV	856933	1435028	27.06%	2.328%
6	8.434	923	926	937	rVB	52624	101400	1.91%	0.164%
7	8.822	986	992	1006	rVB	674183	1143731	21.57%	1.855%
8	9.540	1106	1114	1124	rBV	563023	952804	17.97%	1.545%
9	10.075	1198	1205	1219	rBV	853035	1473054	27.77%	2.389%
10	10.446	1261	1268	1276	rBV	1111813	1843334	34.76%	2.990%
11	10.587	1285	1292	1312	rBV	798918	1421447	26.80%	2.306%
12	13.628	1803	1809	1813	rBV	308162	444909	8.39%	0.722%
13	13.669	1813	1816	1819	rVV2	43192	57979	1.09%	0.094%
14	13.722	1819	1825	1829	rVV	1845356	2685887	50.64%	4.356%
15	13.769	1829	1833	1841	rVB	404464	599225	11.30%	0.972%
16	13.998	1865	1872	1879	rBV	1964950	2907668	54.82%	4.716%
17	14.310	1917	1925	1933	rBV2	1712793	2657640	50.11%	4.311%
18	14.522	1955	1961	1978	rBV	548126	1035032	19.52%	1.679%
19	15.304	2087	2094	2101	rBV	2536175	3555054	67.03%	5.766%
20	15.434	2110	2116	2130	rBV	684946	1006030	18.97%	1.632%
21	15.539	2130	2134	2139	rVB3	39502	60551	1.14%	0.098%
22	16.128	2230	2234	2242	rVB3	40361	57144	1.08%	0.093%
23	16.945	2369	2373	2382	rBV	63227	97806	1.84%	0.159%
24	17.057	2385	2392	2398	rBV2	2242918	3257138	61.41%	5.283%
25	17.151	2402	2408	2415	rBV2	2740586	3902177	73.58%	6.329%
26	17.957	2533	2545	2552	rBV	98662	173665	3.27%	0.282%
27	18.898	2700	2705	2706	rBV4	60996	76298	1.44%	0.124%
28	18.922	2706	2709	2713	rVV	189397	239334	4.51%	0.388%
29	18.963	2713	2716	2723	rVB4	41868	59748	1.13%	0.097%
30	19.092	2734	2738	2742	rBV	33642	54076	1.02%	0.088%
31	19.457	2793	2800	2806	rBV	3227471	4654902	87.77%	7.550%
32	19.516	2806	2810	2830	rVB2	210355	604467	11.40%	0.980%
33	20.016	2891	2895	2899	rBV	56434	66267	1.25%	0.107%
34	20.180	2917	2923	2932	rBV5	81624	170809	3.22%	0.277%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : C0AA3

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

35	20.339	2942	2950	2955	rBV	2643980	3552261	66.98%	5.762%
36	20.386	2955	2958	2976	rVV5	381273	1098120	20.71%	1.781%
37	20.510	2976	2979	2984	rVB	82527	96928	1.83%	0.157%
38	20.974	3052	3058	3062	rBV2	188568	315211	5.94%	0.511%
39	21.251	3099	3105	3112	rBV	3204498	4024120	75.88%	6.527%
40	21.416	3129	3133	3139	rBV2	160242	207725	3.92%	0.337%
41	21.798	3195	3198	3202	rBV4	36301	54698	1.03%	0.089%
42	21.845	3202	3206	3210	rVV	166414	195170	3.68%	0.317%
43	22.304	3280	3284	3289	rVB	178177	225461	4.25%	0.366%
44	22.533	3320	3323	3330	rVB5	66188	107361	2.02%	0.174%
45	22.804	3364	3369	3376	rBV	247944	360262	6.79%	0.584%
46	23.333	3451	3459	3472	rVB2	2766344	5303594	100.00%	8.602%
47	23.474	3475	3483	3496	rVB	2137114	4132648	77.92%	6.703%
48	23.998	3566	3572	3581	rVB	231651	428597	8.08%	0.695%
49	24.727	3690	3696	3704	rVB	153496	323124	6.09%	0.524%
50	25.580	3836	3841	3850	rVB2	111609	281796	5.31%	0.457%

Sum of corrected areas: 61653698

LSC Report - Integrated Chromatogram

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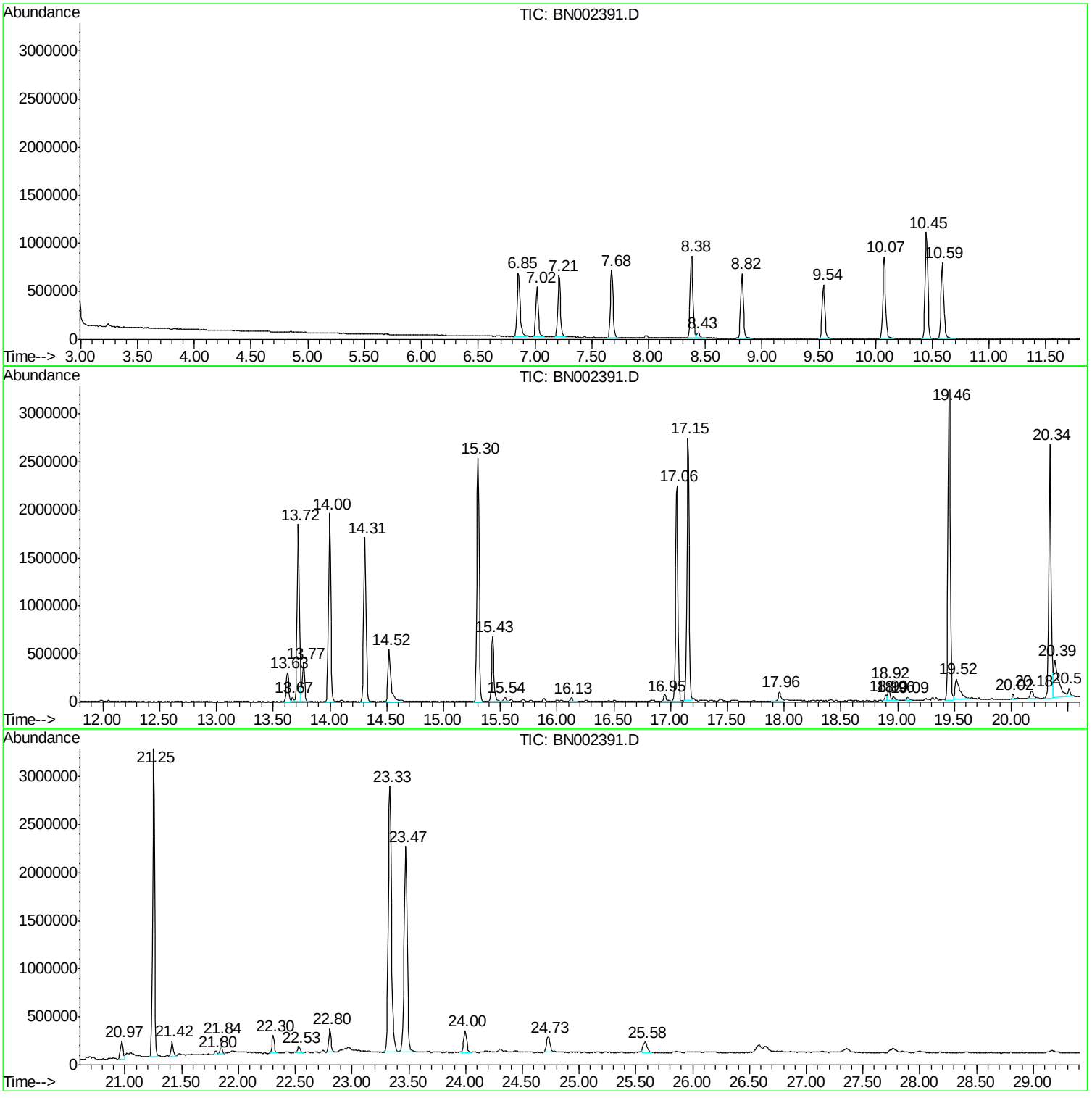
Sample : J4421-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA3

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
Data File : BN002391.D
Acq On : 17 Aug 2018 22:36
Operator : JU/SJ
Sample : J4421-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA3

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

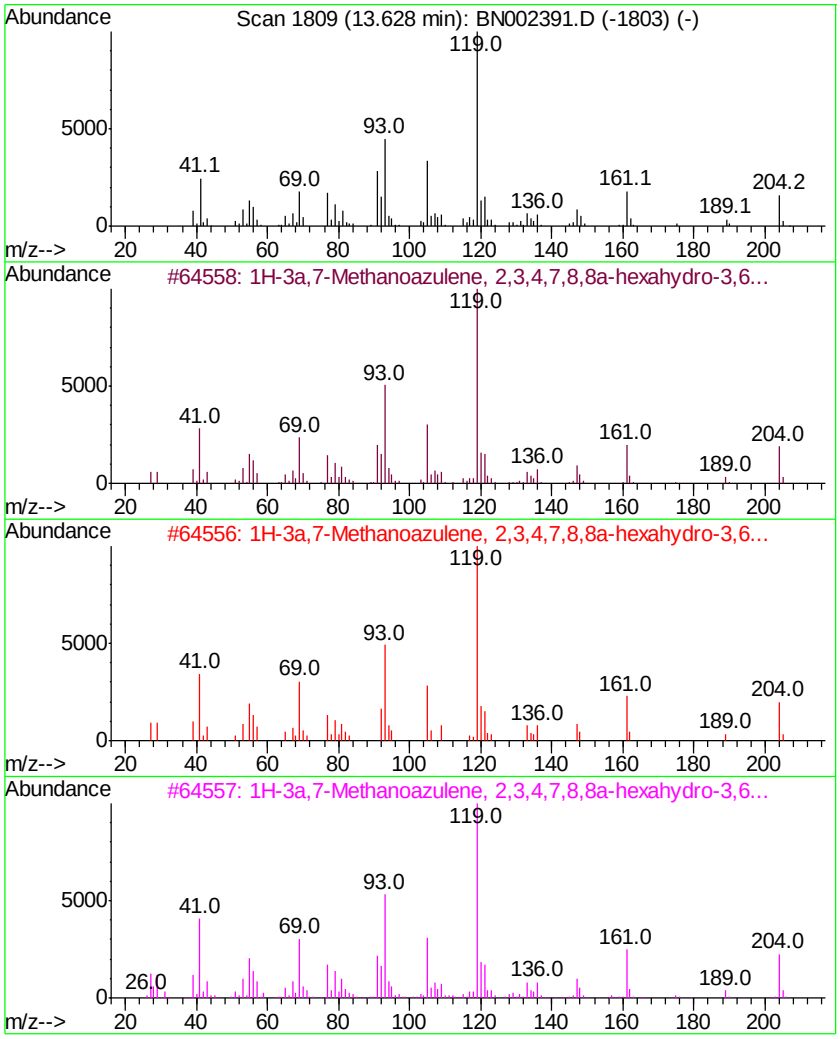
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

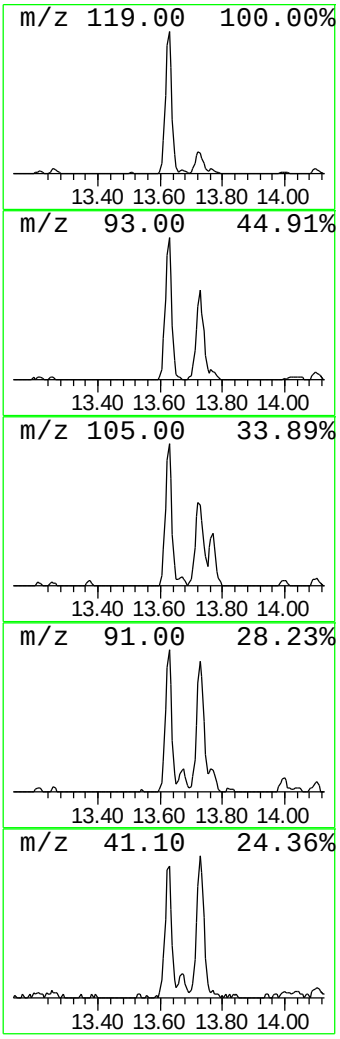
****

Peak Number 1 1H-3a,7-Methanoazulene, 2,3... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	3.35 ng/ul	444909	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	99
2	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	98
3	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	98
4	1H-3a,7-Methanoazulene, 2,3,4,7,...	204	C15H24	000469-61-4	97
5	Di-epi-.alpha.-cedrene	204	C15H24	050894-66-1	78





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Acq On : 17 Aug 2018 22:36
Operator : JU/SJ
Sample : J4421-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA3

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

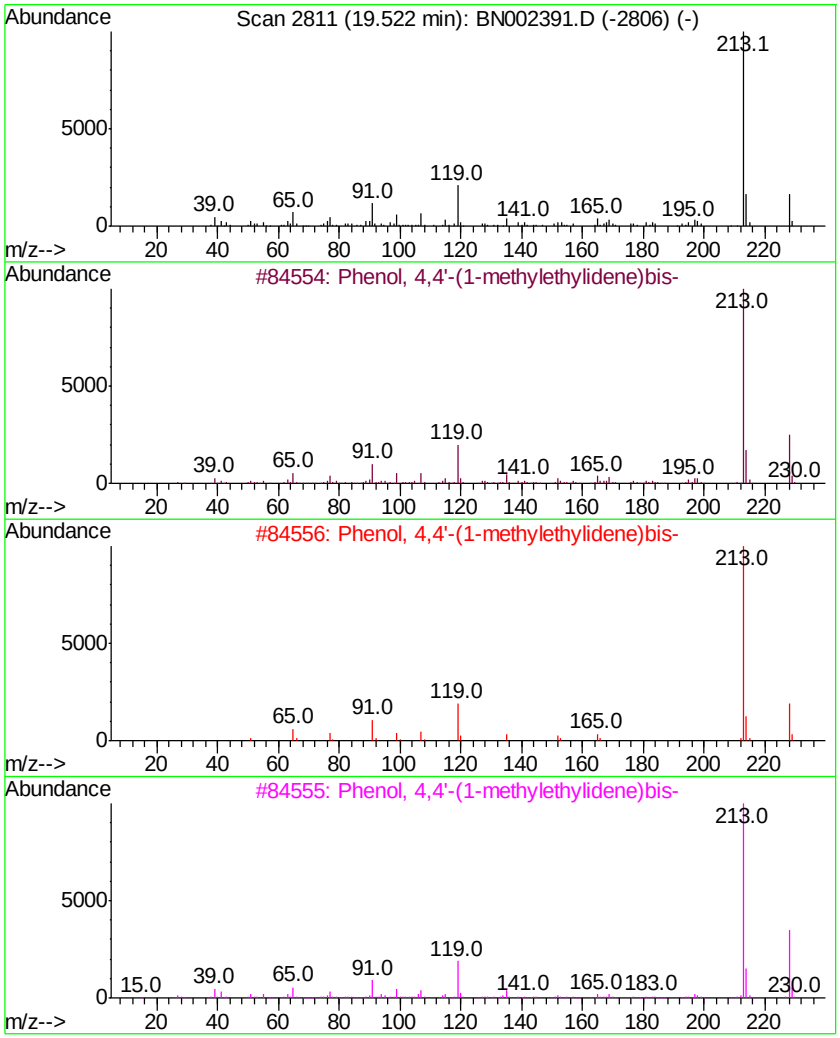
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

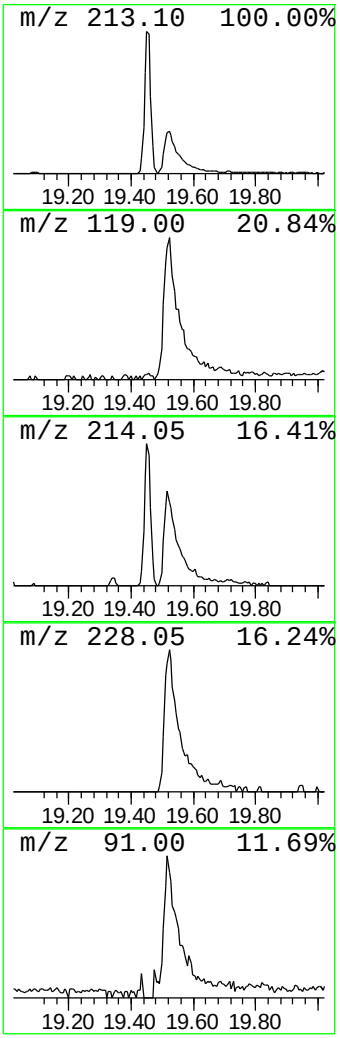
****

Peak Number 2 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.52	3.00 ng/ul	604467	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	90
2	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	89
3	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	87
4	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	47





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\
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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA3

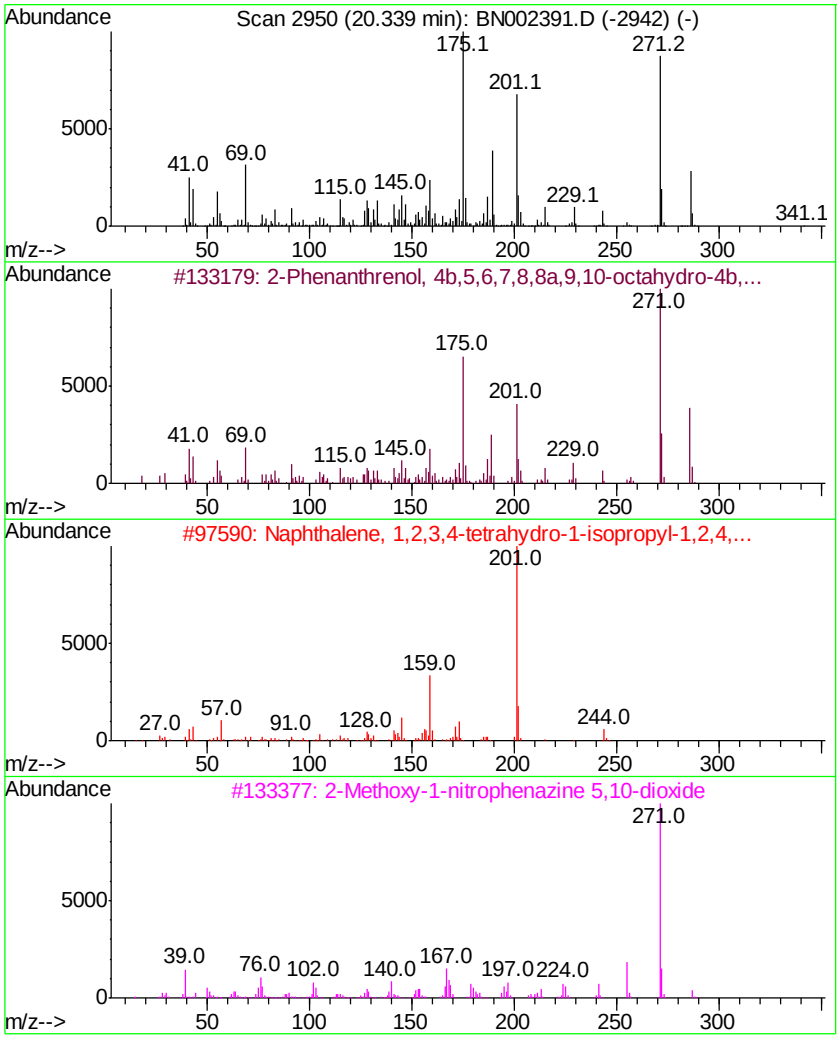
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

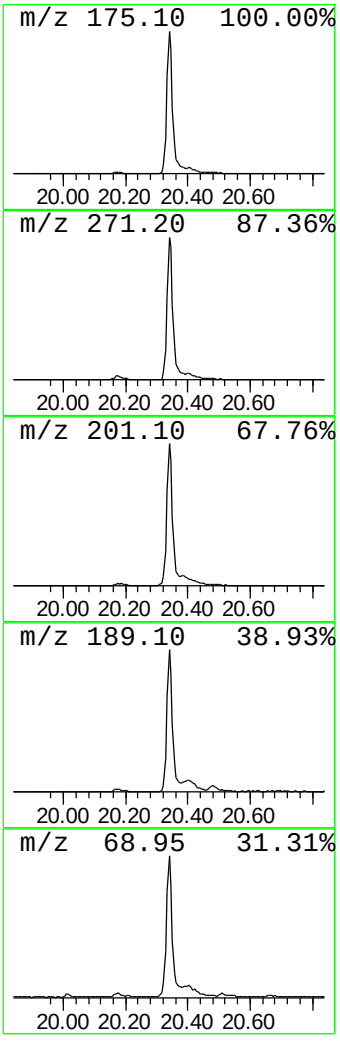
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	17.65 ng/ul	3552260	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol, 4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	25
3	2-Methoxy-1-nitrophenazine 5,10-...	287	C13H9N3O5	023677-09-0	14
4	1-Methyl-3-phenyl-4-azafluorenone	271	C19H13NO	069751-55-9	14
5	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	11





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ClientSampleId : C0AA3

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

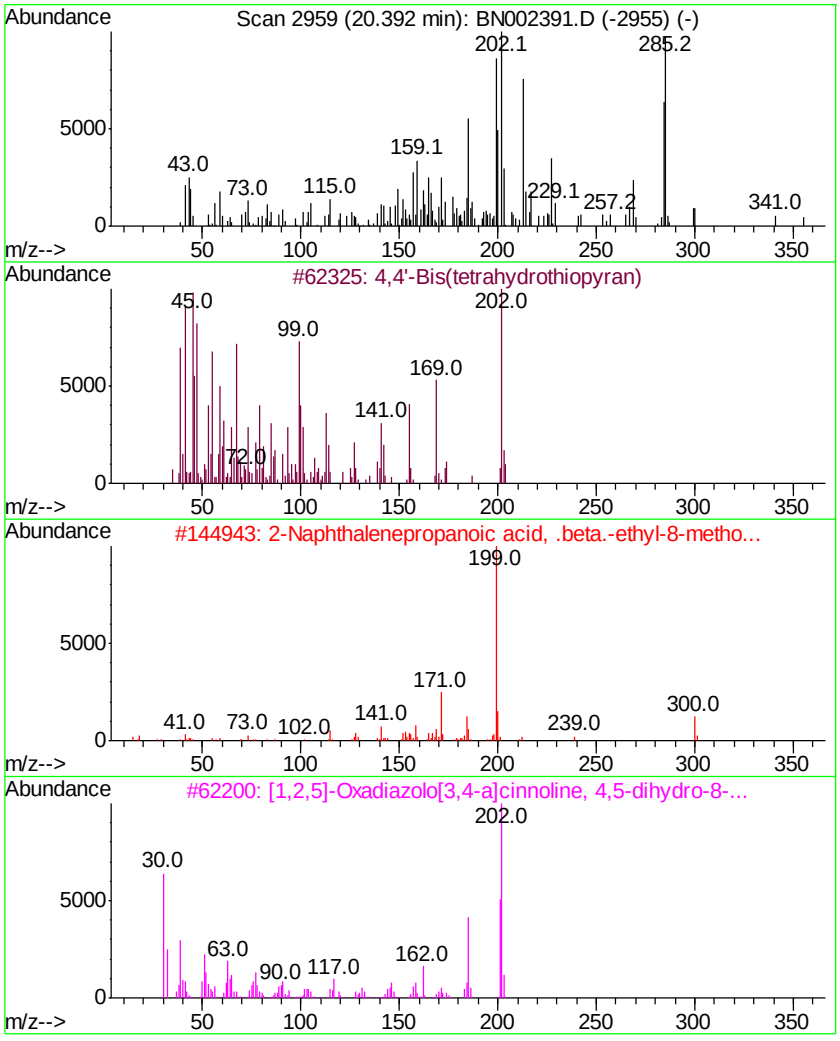
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

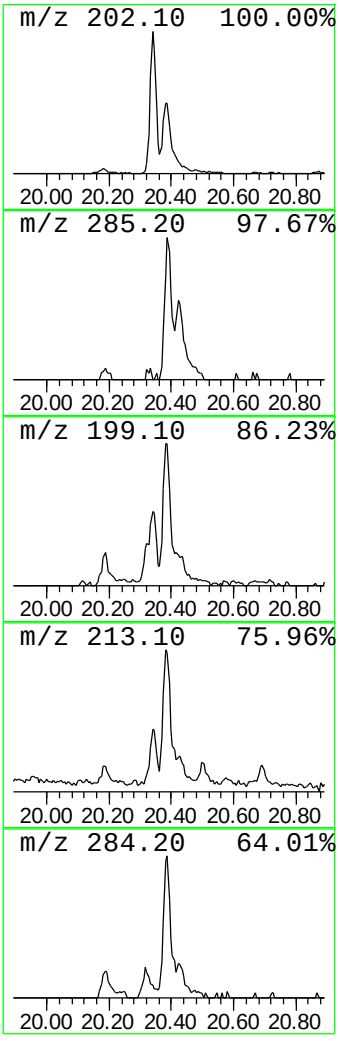
****

Peak Number 4 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.39	5.46 ng/ul	1098120	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
2	2-Naphthalenepropanoic acid, .be...	300	C19H24O3	057289-69-7	25
3	[1,2,5]-Oxadiazolo[3,4-a]cinnoli...	202	C10H10N4O	1000260-59-4	25
4	1-Naphthalenecarboxylic acid, 2-...	202	C12H10O3	000947-62-6	20
5	Phosphorin, 2,6-bis(1,1-dimethyl...	284	C19H25P	017420-27-8	18





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Quant Title : SVOA CALIBRATION

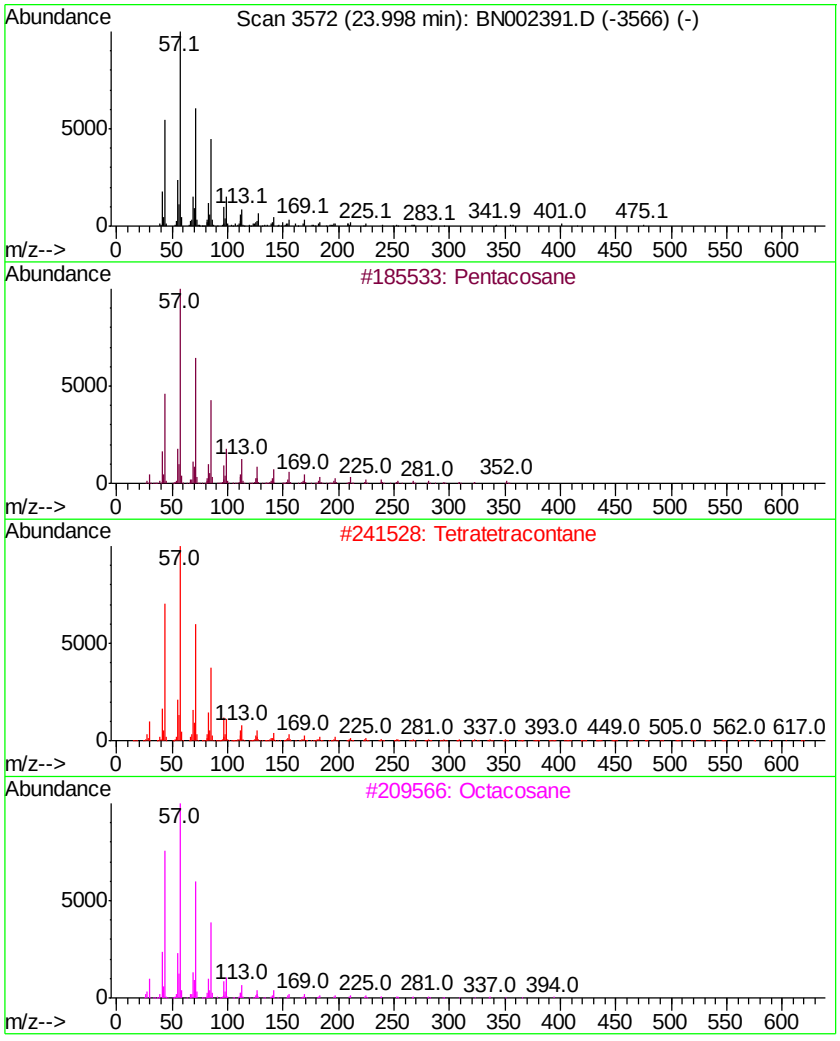
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

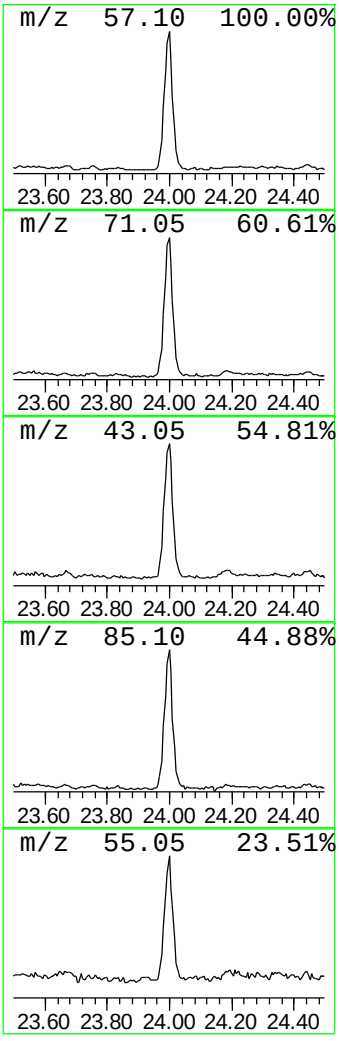
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.00	2.07 ng/ul	428597	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





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
1H-3a,7-Methanoaz...	13.63	3.4	ng/ul	444909	3	14.31	2657640	20.0
Phenol, 4,4'-(1-m...	19.52	3.0	ng/ul	604467	5	21.25	4024120	20.0
2-Phenanthrenol, ...	20.34	17.6	ng/ul	3552260	5	21.25	4024120	20.0
4,4'-Bis(tetrahyd...	20.39	5.5	ng/ul	1098120	5	21.25	4024120	20.0
(DEL) Alkane: Str...	24.00	2.1	ng/ul	428597	6	23.47	4132650	20.0