LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121418\
Data File : BN003933.D
Acq On : 14 Dec 2018 16:11
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

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-BN121218MA.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	3.017	3	5	27	rVB	413517	628459	71.29%	7.481%
2	3.805	135	139	148	rBV	29443	43863	4.98%	0.522%
3	5.028	342	347	352	rVB	6439	9849	1.12%	0.117%
4	6.987	674	680	691	rVB2	69955	129111	14.65%	1.537%
5	7.163	704	710	719	rVB	54671	83841	9.51%	0.998%
6	7.357	737	743	751	rBB	74190	110286	12.51%	1.313%
7	7.828	818	823	830	rBB	90059	137228	15.57%	1.634%
8	8.528	936	942	951	rBB	66292	105087	11.92%	1.251%
9	8.993	1016	1021	1029	rBB	69449	114098	12.94%	1.358%
10	9.710	1138	1143	1150	rBB	56023	87534	9.93%	1.042%
11	10.240	1227	1233	1243	rBB	96403	152447	17.29%	1.815%
12	10.622	1292	1298	1304	rBV	149167	244277	27.71%	2.908%
13	10.769	1318	1323	1337	rBV	29500	56841	6.45%	0.677%
14	12.287	1576	1581	1585	rBB	10447	15112	1.71%	0.180%
15	13.869	1845	1850	1854	rBV	185806	249440	28.30%	2.969%
16	13.916	1854	1858	1863	rVB	58126	71927	8.16%	0.856%
17	14.157	1893	1899	1909	rBV	233884	338730	38.42%	4.032%
18	14.463	1943	1951	1958	rBV2	243233	368562	41.81%	4.387%
19	14.663	1980	1985	1998	rBV	74575	116979	13.27%	1.393%
20	15.457	2114	2120	2128	rBV	338179	458137	51.97%	5.454%
21	15.581	2136	2141	2148	rVB	51828	65096	7.38%	0.775%
22	17.210	2412	2418	2422	rBV	358811	497898	56.48%	5.927%
23	17.251	2422	2425	2429	rVV	63844	81217	9.21%	0.967%
24	17.310	2429	2435	2446	rVB	370242	529710	60.09%	6.306%
25	17.786	2512	2516	2522	rVB2	9793	14871	1.69%	0.177%
26	18.016	2548	2555	2561	rBV4	4460	11278	1.28%	0.134%
27	18.080	2561	2566	2570	rVV2	48115	68840	7.81%	0.819%
28	18.127	2570	2574	2579	rVB	46407	67679	7.68%	0.806%
29	18.210	2584	2588	2593	rVV	10570	17053	1.93%	0.203%
30	18.269	2593	2598	2603	rVV5	14257	31199	3.54%	0.371%
31	18.310	2603	2605	2610	rVB	15868	22316	2.53%	0.266%
32	18.445	2622	2628	2630	rBV5	6681	11774	1.34%	0.140%
33	18.475	2630	2633	2639	rVB2	8806	12475	1.42%	0.149%
34	18.580	2646	2651	2655	rBV3	12662	20650	2.34%	0.246%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : F9F08

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-BN121218MA.M
Title : SVOA CALIBRATION

35	18.633	2655	2660	2666	rVB5	11715	21670	2.46%	0.258%
36	18.827	2690	2693	2696	rBV2	12617	13253	1.50%	0.158%
37	18.875	2698	2701	2705	rVV	10329	12283	1.39%	0.146%
38	18.916	2705	2708	2712	rVV	9479	11828	1.34%	0.141%
39	18.998	2717	2722	2726	rBV2	24014	36544	4.15%	0.435%
40	19.092	2735	2738	2741	rVB2	11077	12284	1.39%	0.146%
41	19.139	2741	2746	2751	rBV3	9483	21293	2.42%	0.253%
42	19.263	2763	2767	2773	rVB	57938	79199	8.98%	0.943%
43	19.363	2780	2784	2788	rBV3	15505	22061	2.50%	0.263%
44	19.504	2805	2808	2811	rBV3	25382	26182	2.97%	0.312%
45	19.604	2819	2825	2829	rBV	516857	770125	87.36%	9.167%
46	19.704	2837	2842	2847	rVB4	16081	29993	3.40%	0.357%
47	20.280	2937	2940	2944	rVB	39021	49216	5.58%	0.586%
48	20.421	2961	2964	2968	rBV	32209	47759	5.42%	0.569%
49	21.398	3124	3130	3134	rBV	625768	881562	100.00%	10.494%
50	23.568	3493	3499	3504	rVB	353259	642810	72.92%	7.652%
51	23.715	3518	3524	3532	rVB	378513	748705	84.93%	8.912%

Sum of corrected areas: 8400631

LSC Report - Integrated Chromatogram

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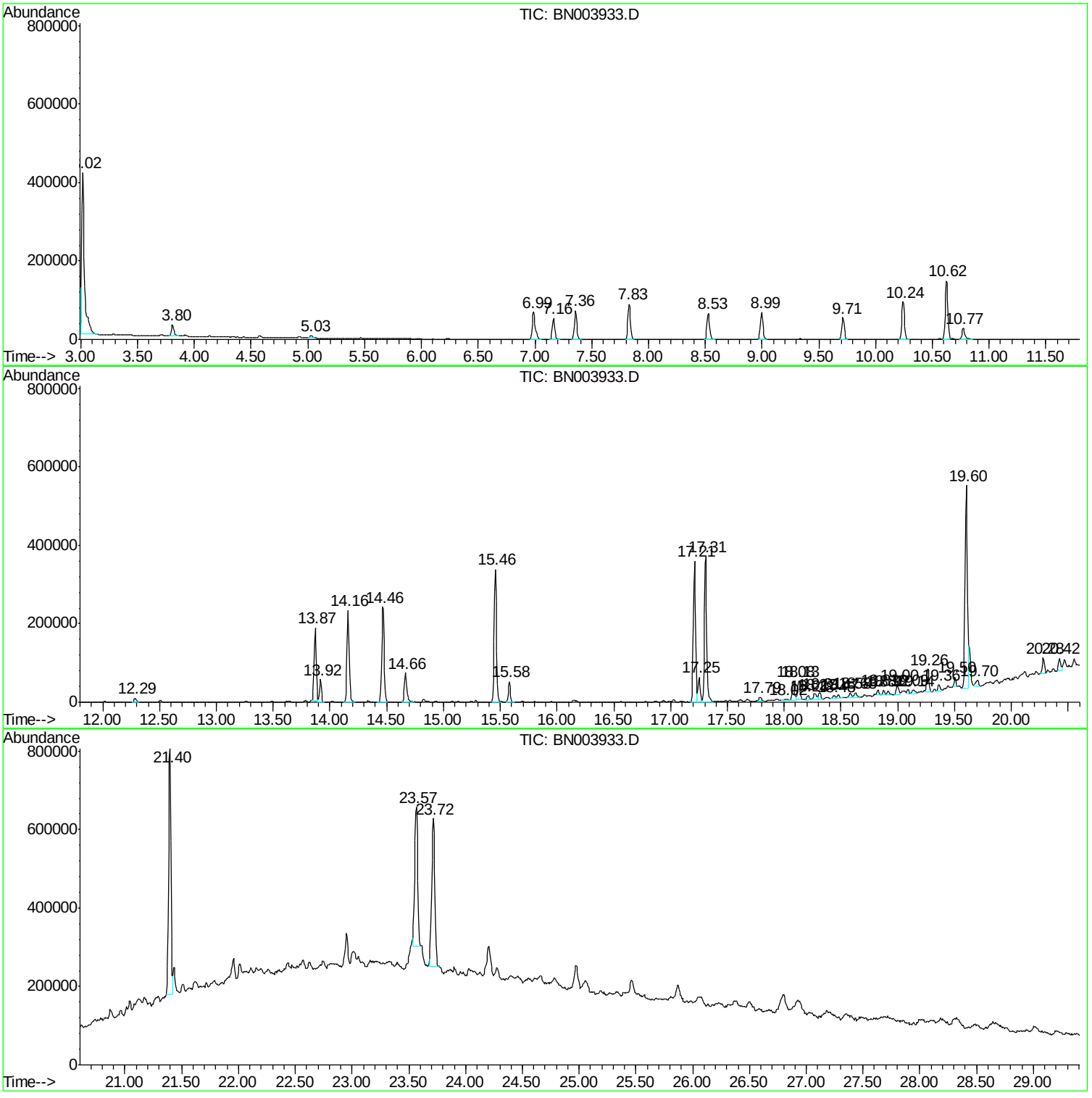
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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\BN121418\
Data File : BN003933.D
Acq On : 14 Dec 2018 16:11
Operator : JU/SJ
Sample : J6229-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

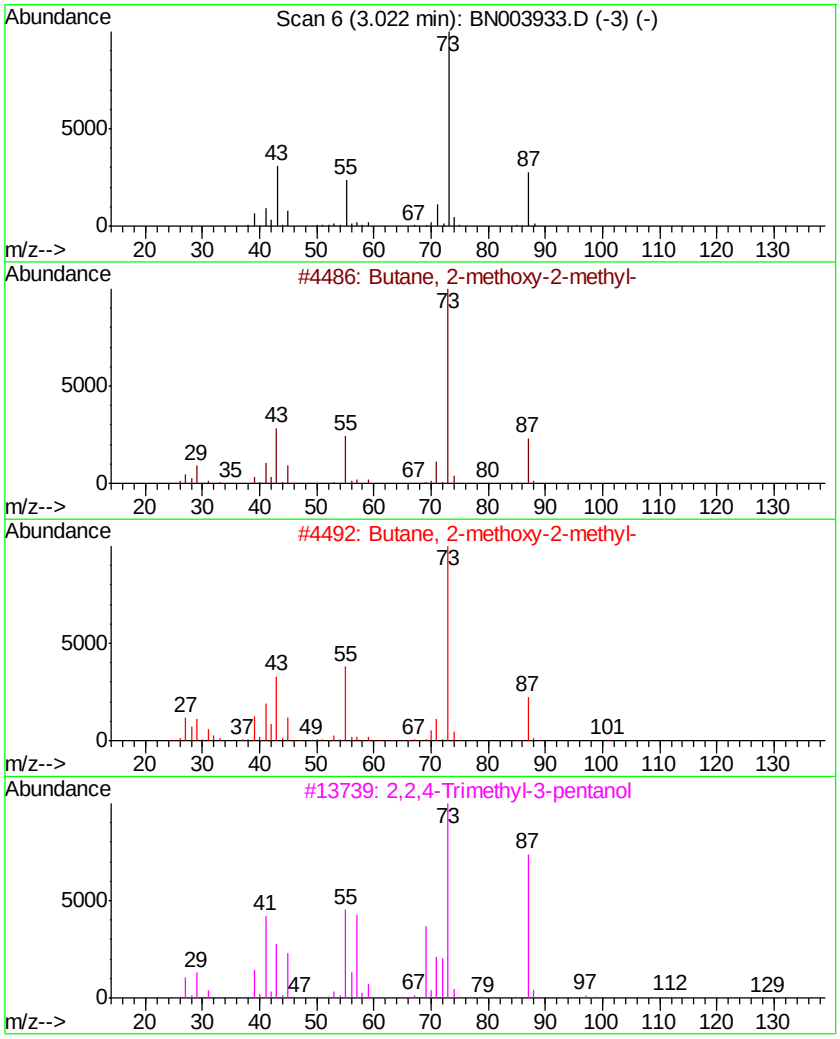
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

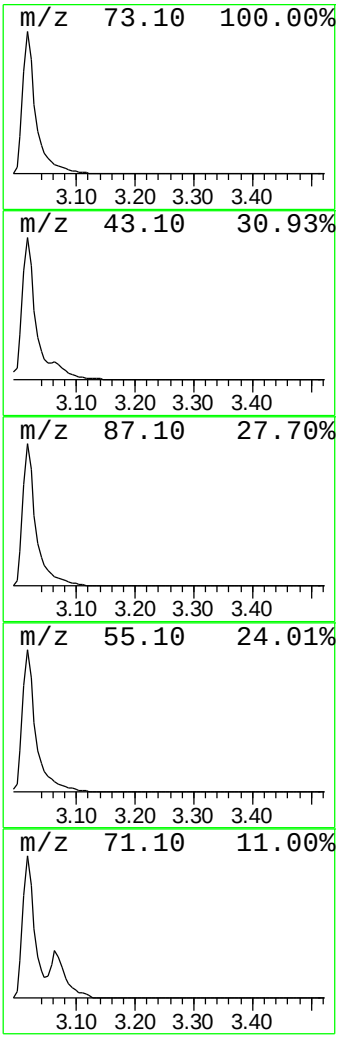
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	91.59 ng/ul	628459	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Sample : J6229-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

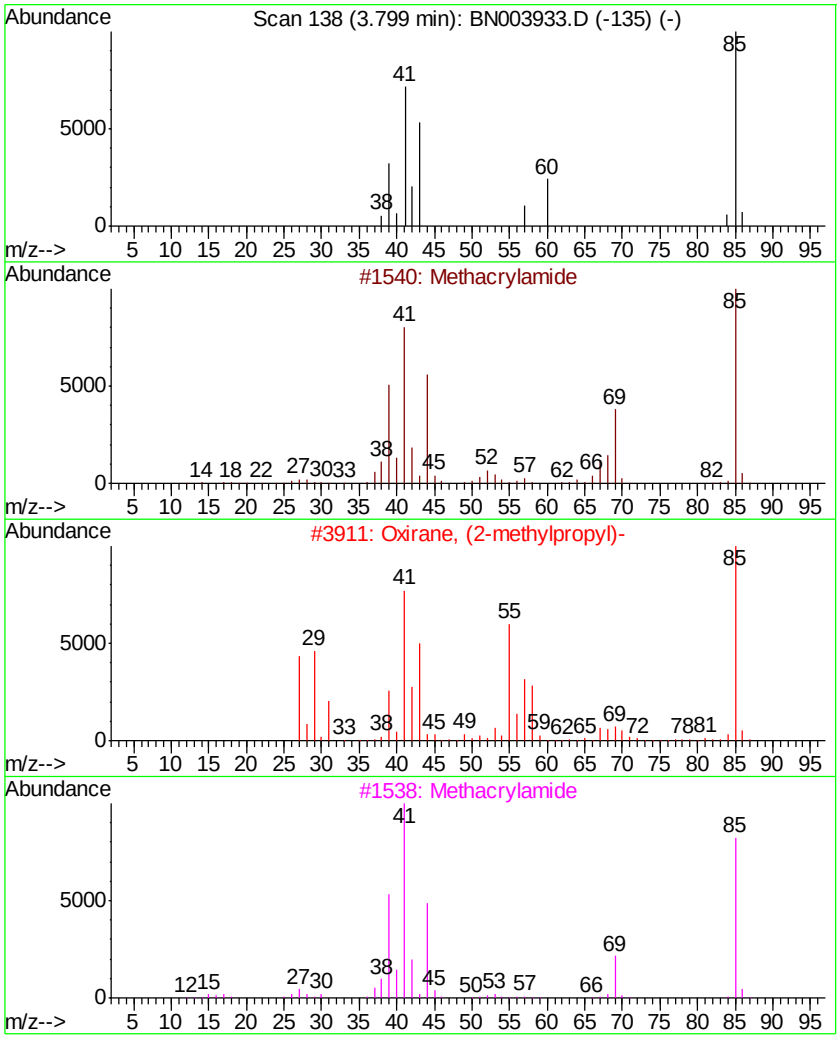
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

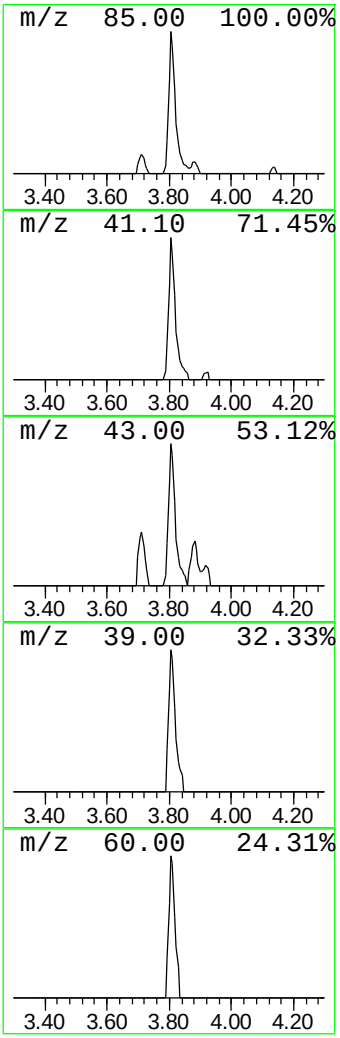
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	6.39 ng/ul	43863	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	36
2	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36
3	Methacrylamide	85	C4H7NO	000079-39-0	7
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7
5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	7





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Instrument : BNA_N
ClientSampleId : F9F08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

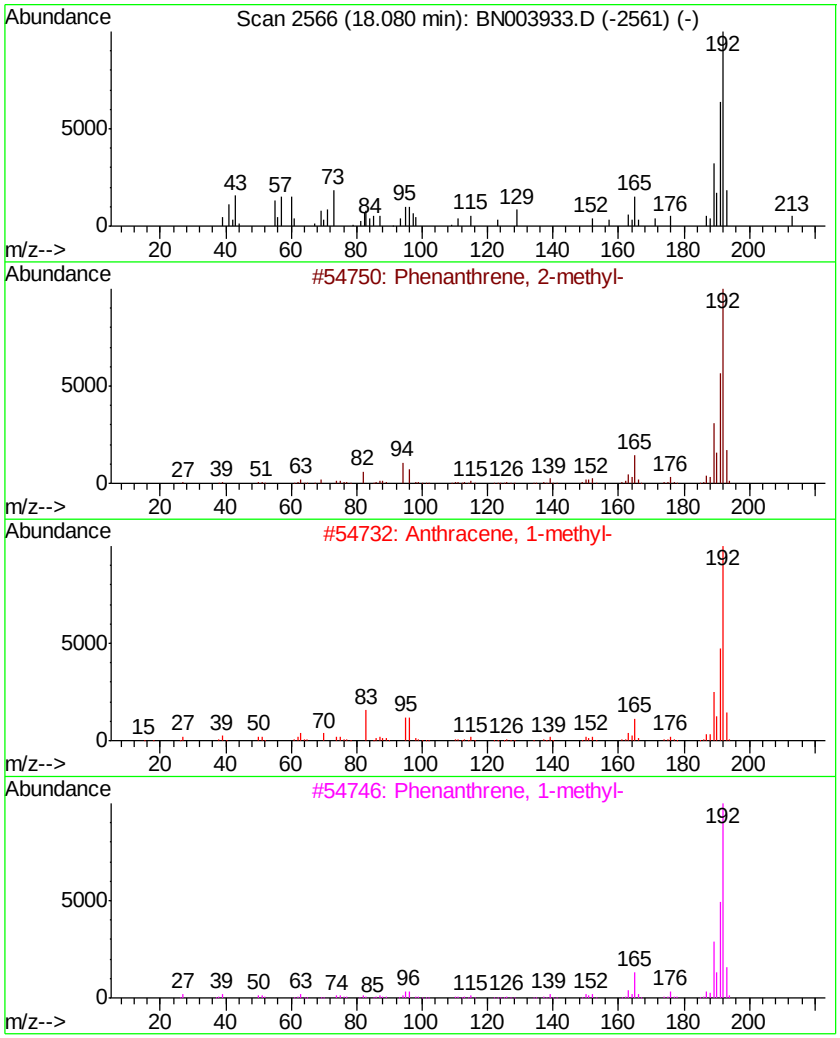
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

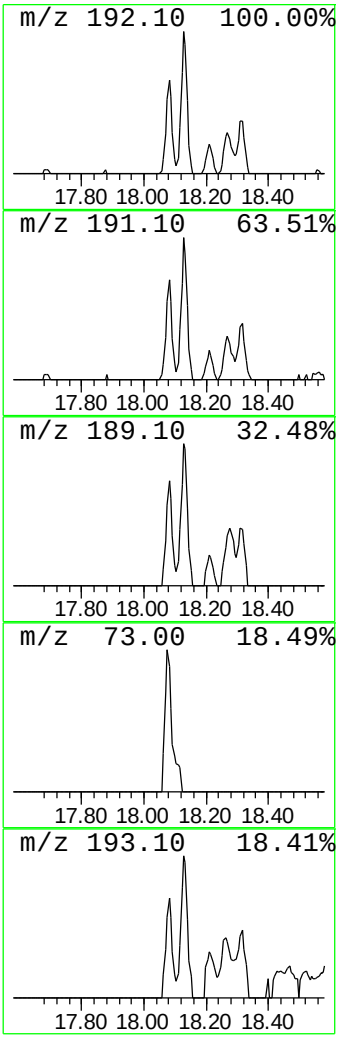
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.77 ng/ul	68840	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

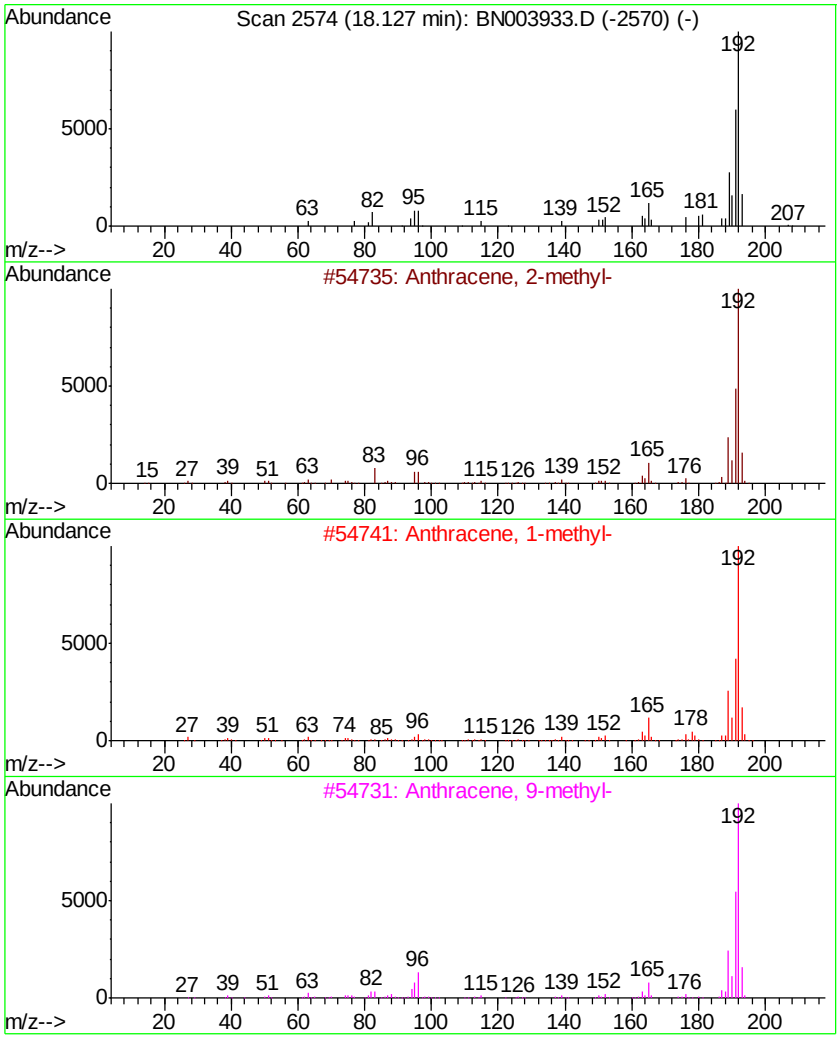
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

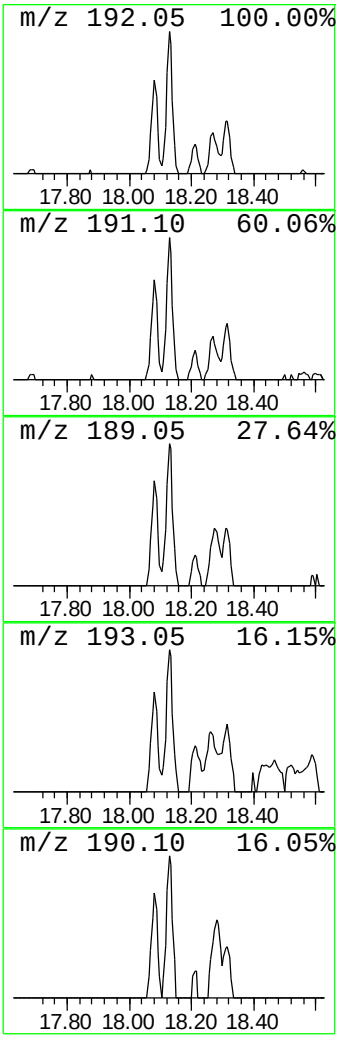
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.72 ng/ul	67679	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	91.6	ng/ul	628459	1	7.83	137228	20.0
unknown-01	3.80	6.4	ng/ul	43863	1	7.83	137228	20.0
Phenanthrene, 2-m...	18.08	2.8	ng/ul	68840	4	17.21	497898	20.0
Anthracene, 2-met...	18.13	2.7	ng/ul	67679	4	17.21	497898	20.0