LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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	3.011	3	4	22	rVB	196612	247294	37.88%	2.734%
2	4.940	325	332	338	rBB2	12797	20250	3.10%	0.224%
3	6.987	675	680	691	rBB2	89299	159734	24.47%	1.766%
4	7.158	703	709	719	rBB	87363	129486	19.83%	1.432%
5	7.358	737	743	750	rBB	97615	153833	23.56%	1.701%
6	7.822	816	822	829	rBV	141287	217814	33.36%	2.408%
7	8.528	936	942	951	rBB	120743	187945	28.79%	2.078%
8	8.993	1015	1021	1029	rBB	104693	165864	25.40%	1.834%
9	9.710	1137	1143	1149	rBB	86887	134130	20.54%	1.483%
10	10.246	1228	1234	1245	rBB	121438	199382	30.54%	2.205%
11	10.622	1290	1298	1304	rBV	223047	360835	55.27%	3.990%
12	10.763	1316	1322	1340	rBB	93087	156928	24.04%	1.735%
13	13.251	1741	1745	1749	rBB	8374	10281	1.57%	0.114%
14	13.869	1844	1850	1854	rBV	275219	362470	55.52%	4.008%
15	13.916	1854	1858	1862	rVB	94761	123366	18.90%	1.364%
16	14.157	1893	1899	1910	rBV	280287	411985	63.10%	4.555%
17	14.269	1913	1918	1923	rBB	8144	12222	1.87%	0.135%
18	14.328	1924	1928	1935	rBV	12484	18067	2.77%	0.200%
19	14.463	1945	1951	1958	rVB2	323645	497649	76.22%	5.503%
20	14.687	1981	1989	1997	rBV2	38450	72078	11.04%	0.797%
21	14.857	2015	2018	2027	rVB5	7688	12783	1.96%	0.141%
22	14.934	2027	2031	2035	rBV2	6454	11533	1.77%	0.128%
23	15.075	2050	2055	2058	rBV2	6099	10319	1.58%	0.114%
24	15.234	2077	2082	2086	rBV4	10999	19250	2.95%	0.213%
25	15.281	2086	2090	2094	rVB	17223	21656	3.32%	0.239%
26	15.457	2114	2120	2126	rBV	389543	538683	82.51%	5.956%
27	15.598	2138	2144	2148	rBV2	25195	35917	5.50%	0.397%
28	15.675	2153	2157	2162	rBV5	8887	17093	2.62%	0.189%
29	15.904	2192	2196	2200	rBV4	4952	8401	1.29%	0.093%
30	16.016	2211	2215	2220	rVB4	6070	8982	1.38%	0.099%
31	16.139	2232	2236	2237	rBV	23955	23830	3.65%	0.263%
32	16.310	2262	2265	2269	rBV2	7650	11157	1.71%	0.123%
33	16.569	2305	2309	2312	rBV3	8592	14416	2.21%	0.159%
34	16.722	2330	2335	2336	rBV4	8607	12832	1.97%	0.142%

LSC Area Percent Report

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Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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	16.863	2356	2359	2363	rBV6	7019	11230	1.72%	0.124%
36	16.933	2367	2371	2375	rBV2	26088	33189	5.08%	0.367%
37	16.981	2375	2379	2383	rBV3	17520	25079	3.84%	0.277%
38	17.098	2396	2399	2401	rBV4	8877	9757	1.49%	0.108%
39	17.210	2412	2418	2423	rBV2	406045	612106	93.75%	6.768%
40	17.257	2423	2426	2429	rVV	20990	27424	4.20%	0.303%
41	17.310	2429	2435	2441	rVV2	374591	550808	84.37%	6.090%
42	17.669	2493	2496	2502	rVB	43862	58376	8.94%	0.645%
43	18.081	2562	2566	2569	rBV2	30152	50297	7.70%	0.556%
44	18.363	2611	2614	2620	rBV	32237	39354	6.03%	0.435%
45	18.998	2718	2722	2726	rBV	87303	124827	19.12%	1.380%
46	19.575	2818	2820	2822	rBV	37570	44271	6.78%	0.490%
47	19.610	2822	2826	2830	rVV	385605	517913	79.33%	5.727%
48	19.704	2839	2842	2846	rVB	54697	71157	10.90%	0.787%
49	20.110	2909	2911	2916	rVB2	68891	80097	12.27%	0.886%
50	20.510	2976	2979	2984	rVB2	135322	166818	25.55%	1.845%
51	20.610	2993	2996	3000	rVB	63178	68683	10.52%	0.759%
52	21.074	3072	3075	3081	rVB2	97042	127093	19.47%	1.405%
53	21.398	3126	3130	3135	rBV	523296	652883	100.00%	7.219%
54	21.951	3222	3224	3228	rVB2	101129	113208	17.34%	1.252%
55	22.945	3390	3393	3398	rVB	105691	142149	21.77%	1.572%
56	23.574	3496	3500	3514	rVB	256568	558798	85.59%	6.179%
57	23.727	3520	3526	3533	rVB	296088	569743	87.27%	6.300%

Sum of corrected areas: 9043725

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004177.D
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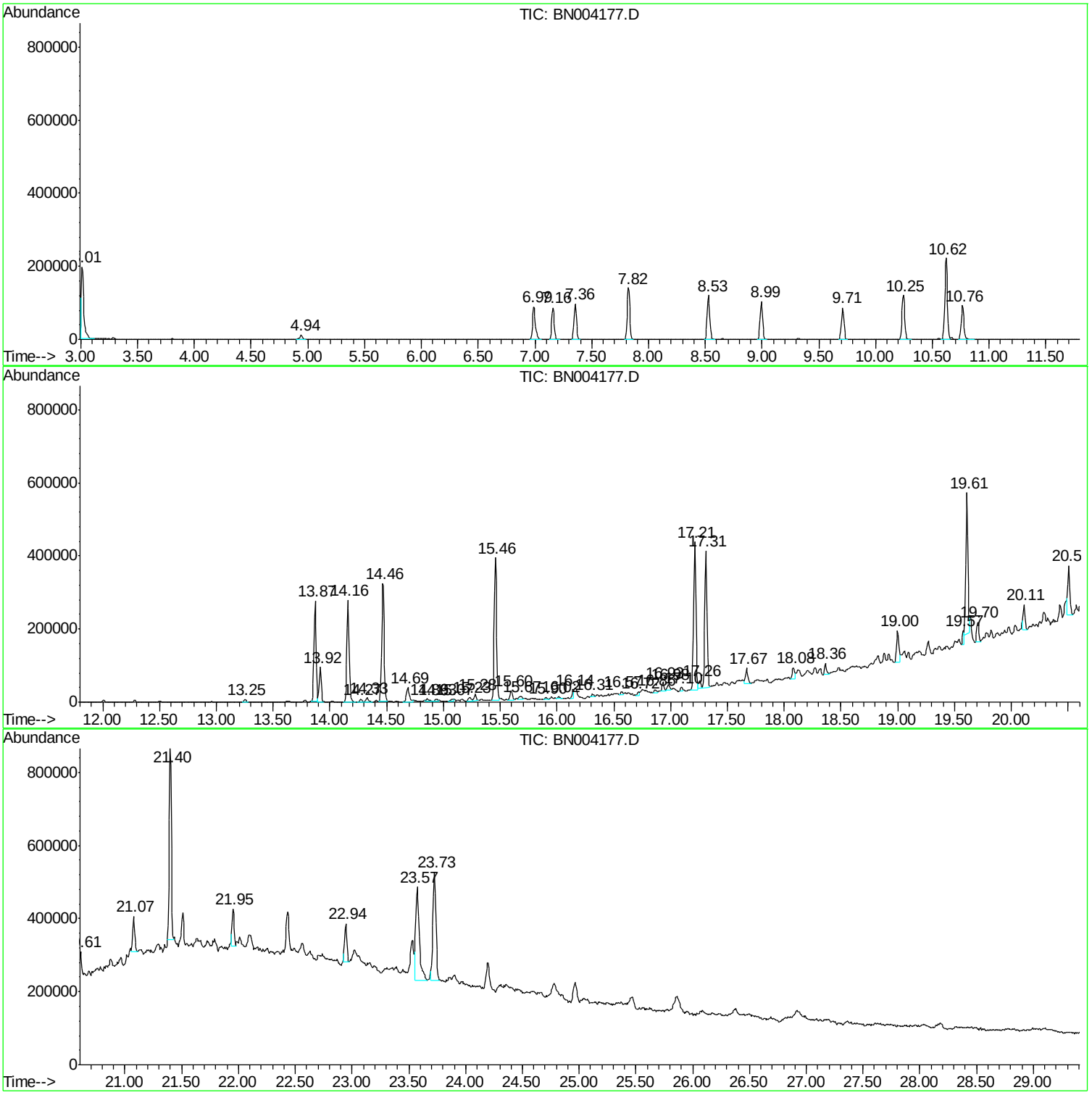
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

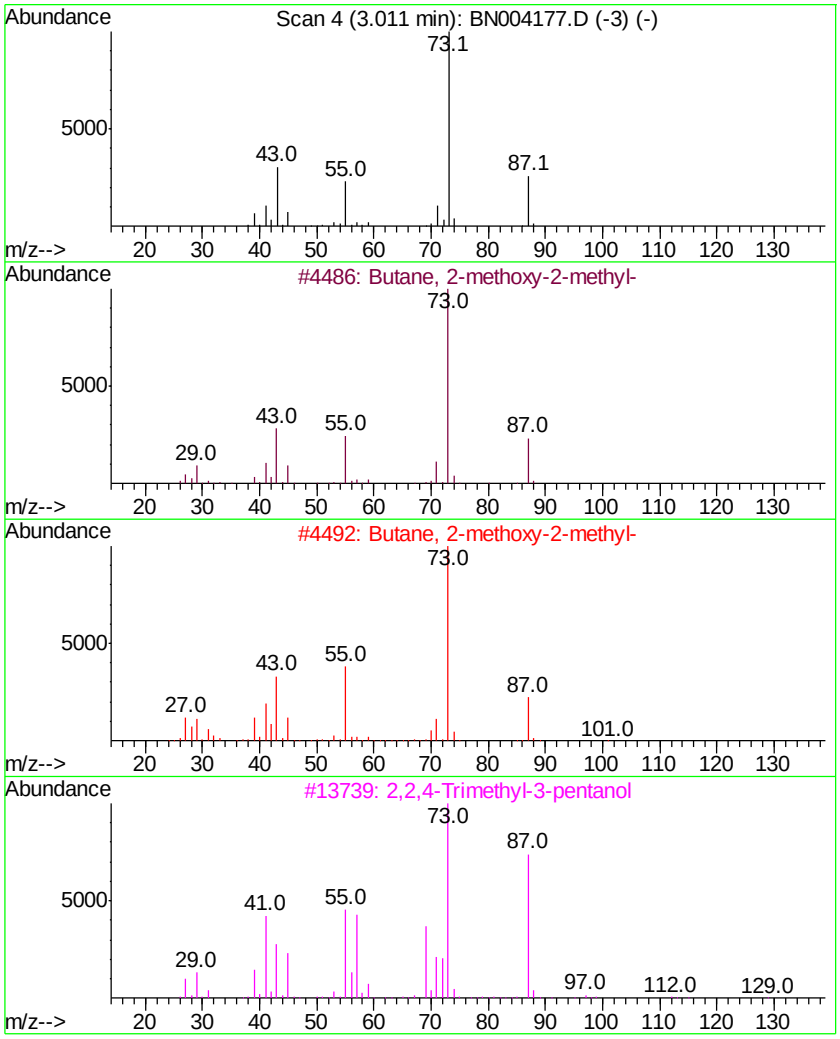
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

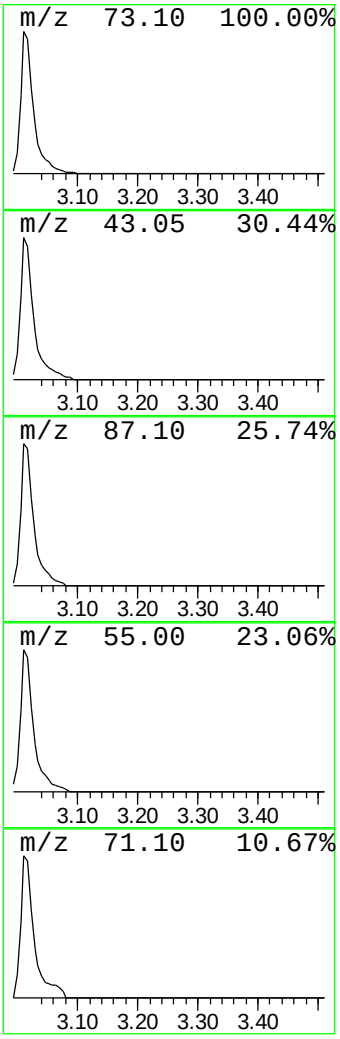
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	22.71 ng/ul	247294	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	23





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Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

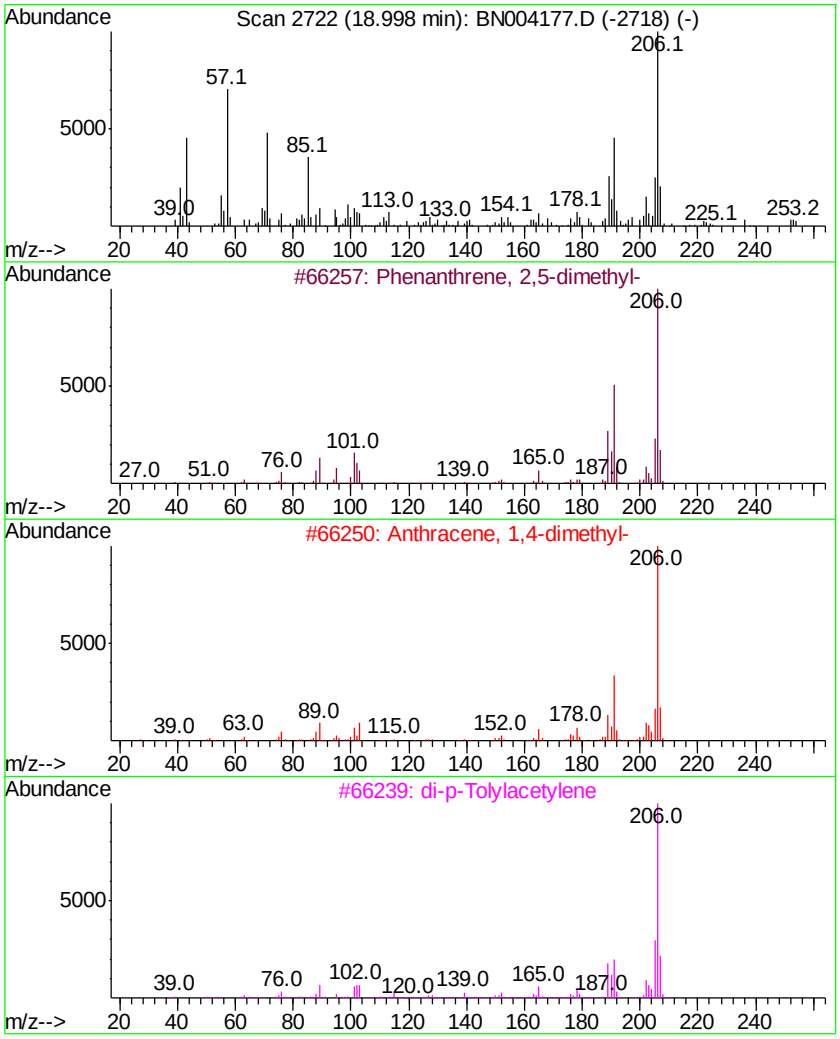
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

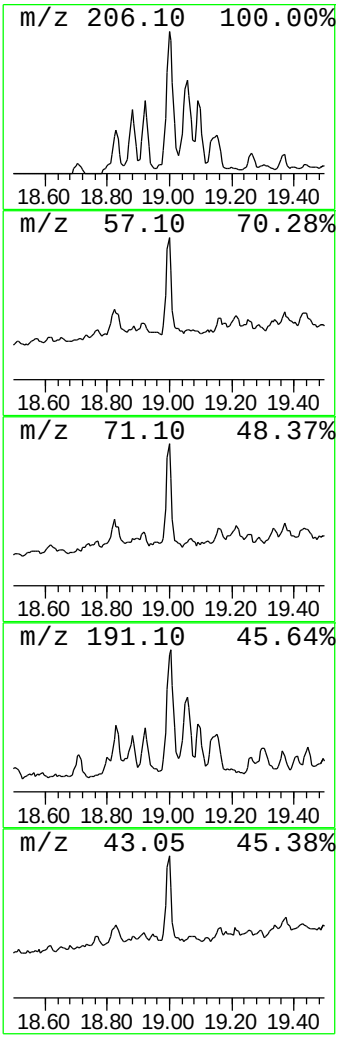
****

Peak Number 2 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	4.08 ng/ul	124827	Phenanthrene-d10	17.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

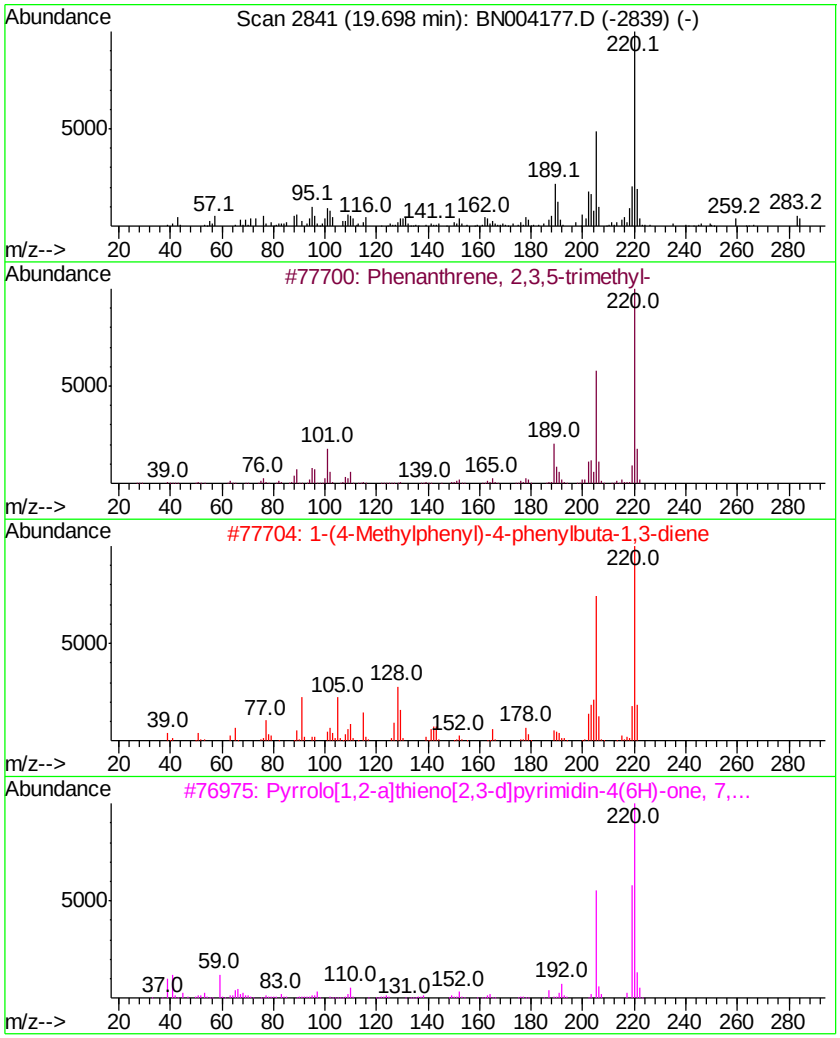
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

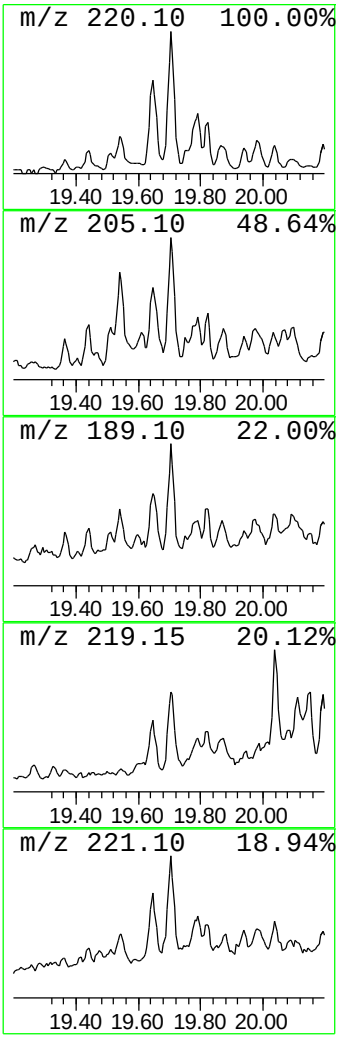
****

Peak Number 3 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.18 ng/ul	71157	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	87
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	87
3	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	58
4	Phenmethylcyanide, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	53
5	Benzenamine, 4-[2-oxo-2-(1-pyrro...	220	C12H16N2O2	1000327-54-6	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

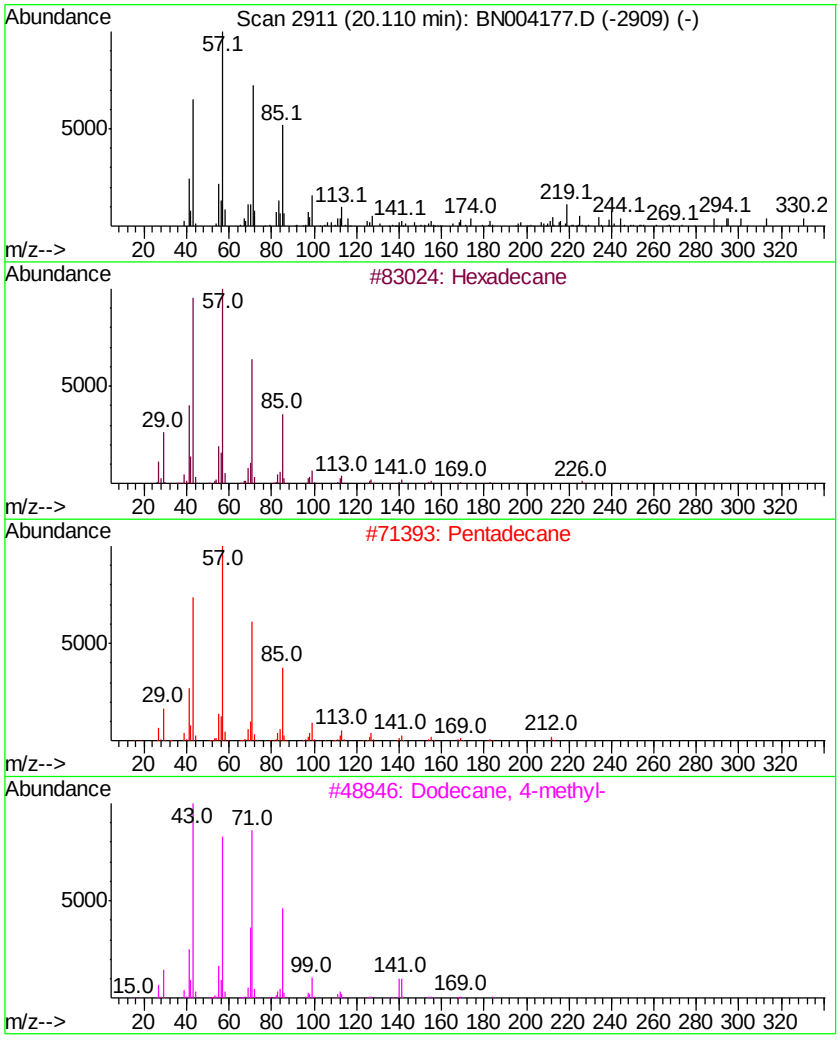
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

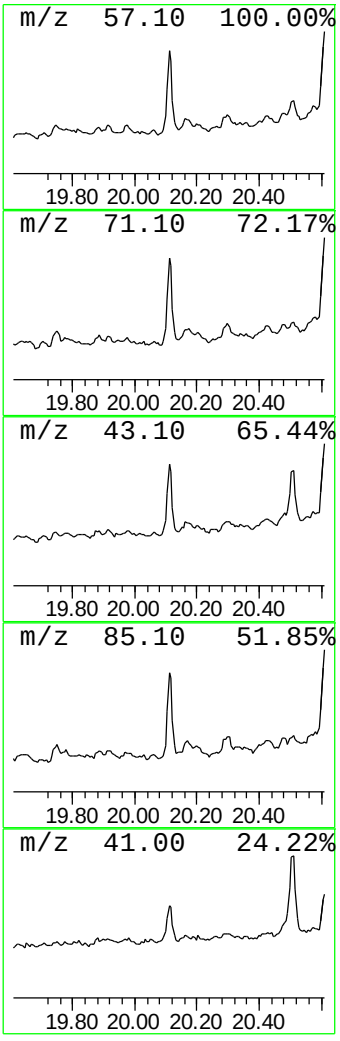
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	2.45 ng/ul	80097	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Pentadecane	212	C15H32	000629-62-9	89
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
4	Heptadecane	240	C17H36	000629-78-7	62
5	Heneicosane	296	C21H44	000629-94-7	58





Library Search Compound Report

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Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

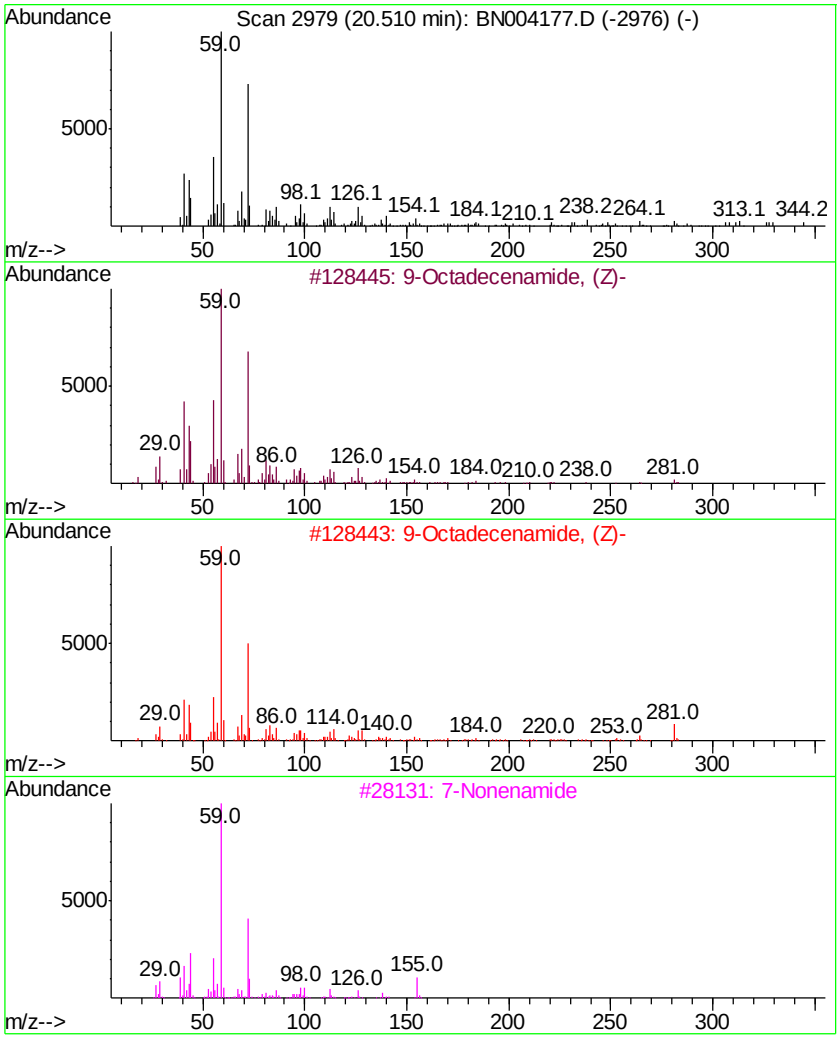
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

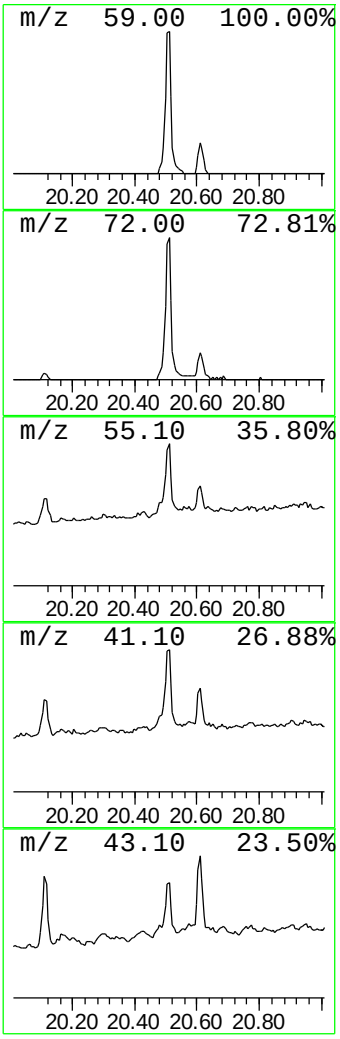
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.51	5.11 ng/ul	166818	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	91
3	7-Nonenamide	155	C9H17NO	090949-53-4	78
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	76





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Instrument : BNA_N
ClientSampleId : C5AA2

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Quant Title : SVOA CALIBRATION

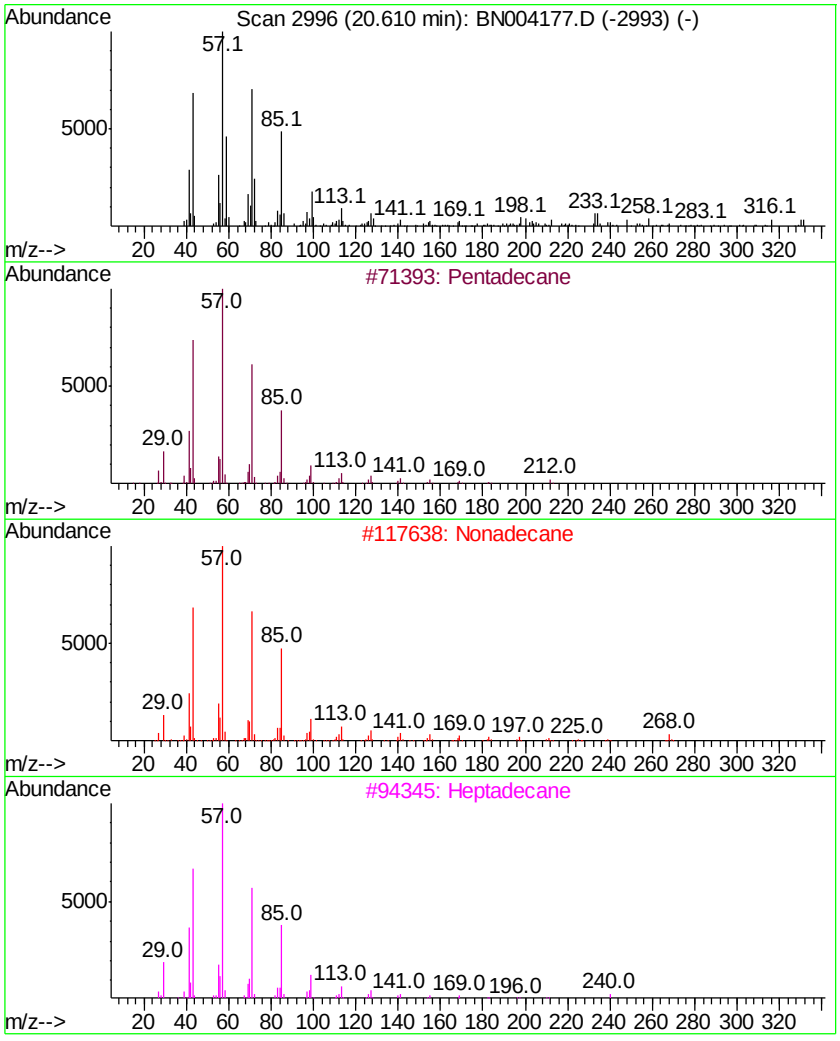
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

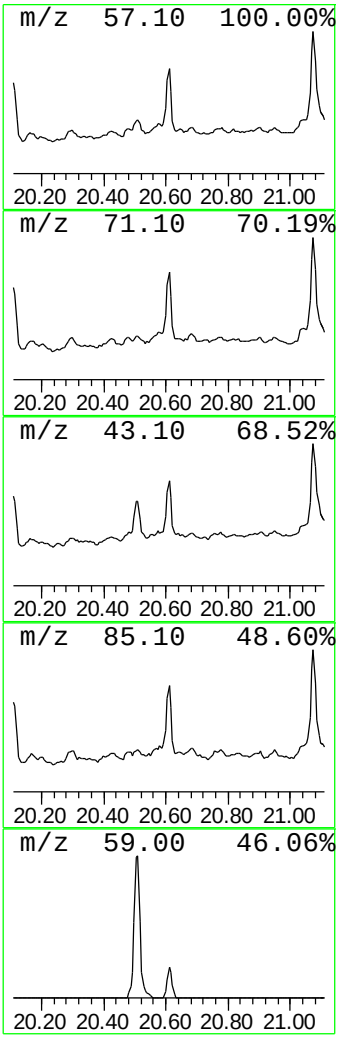
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	2.10 ng/ul	68683	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Nonadecane	268	C19H40	000629-92-5	83
3	Heptadecane	240	C17H36	000629-78-7	78
4	Octadecane	254	C18H38	000593-45-3	74
5	Tetradecane	198	C14H30	000629-59-4	70





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Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

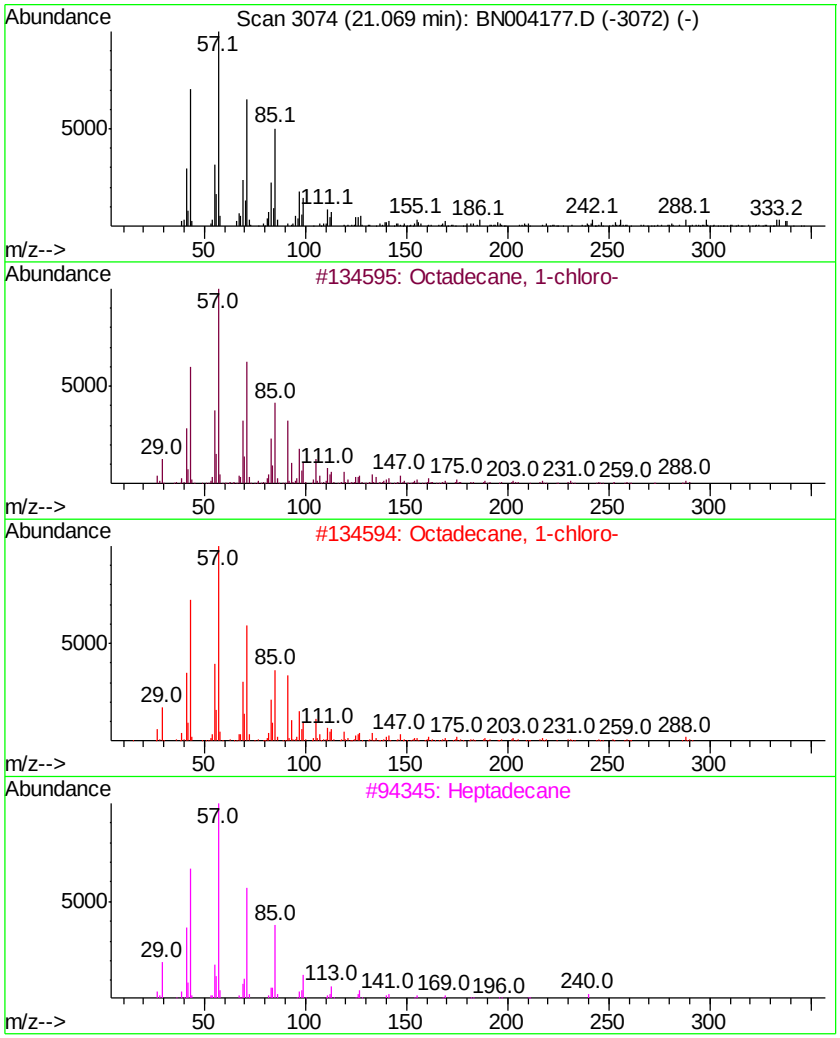
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

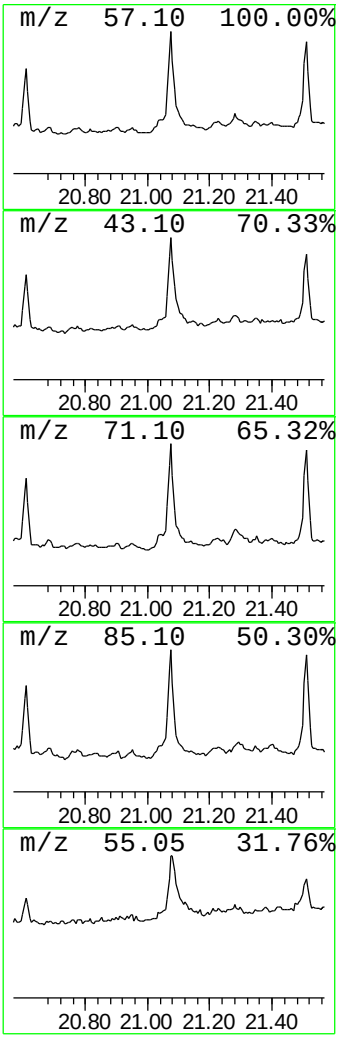
****

Peak Number 7 Octadecane, 1-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	3.89 ng/ul	127093	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	94
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Octadecane	254	C18H38	000593-45-3	91
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

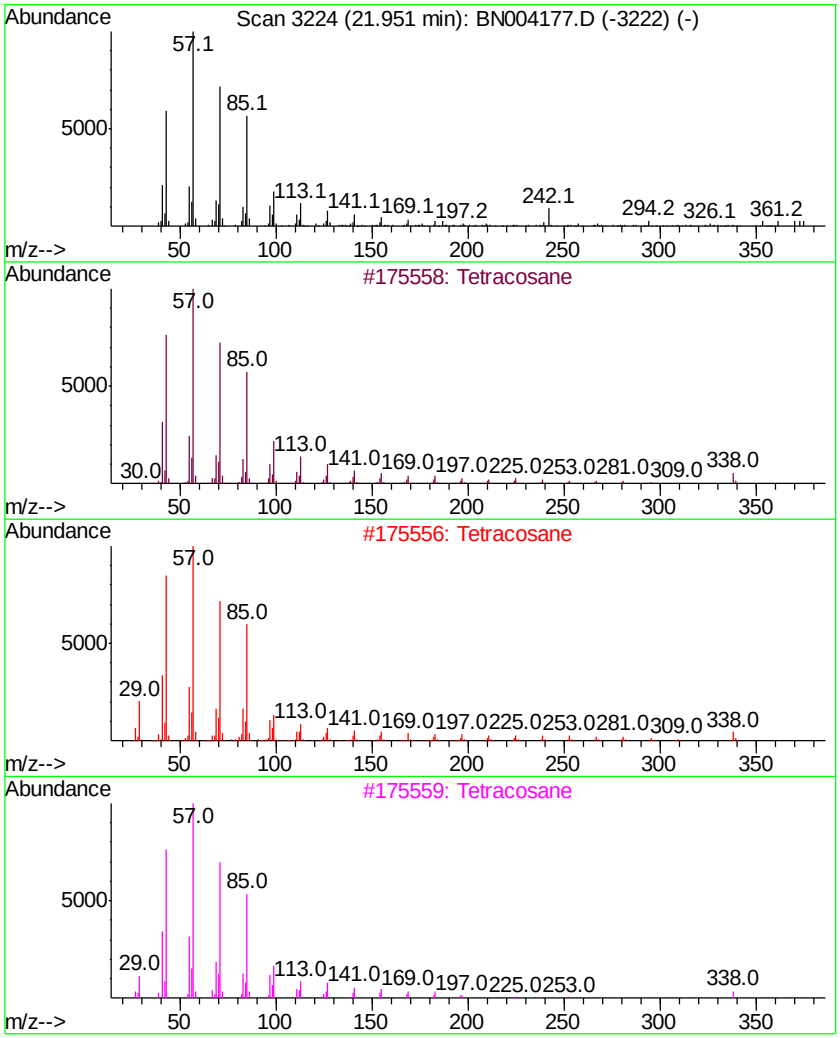
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

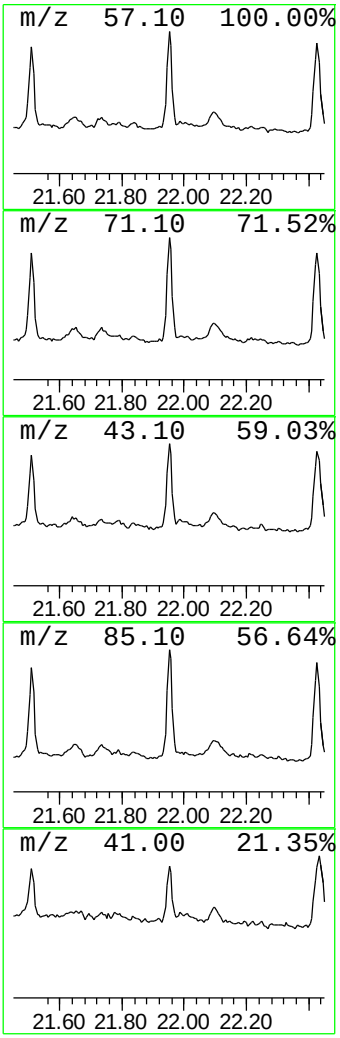
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	3.47 ng/ul	113208	Chrysene-d12	21.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	92
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





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Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

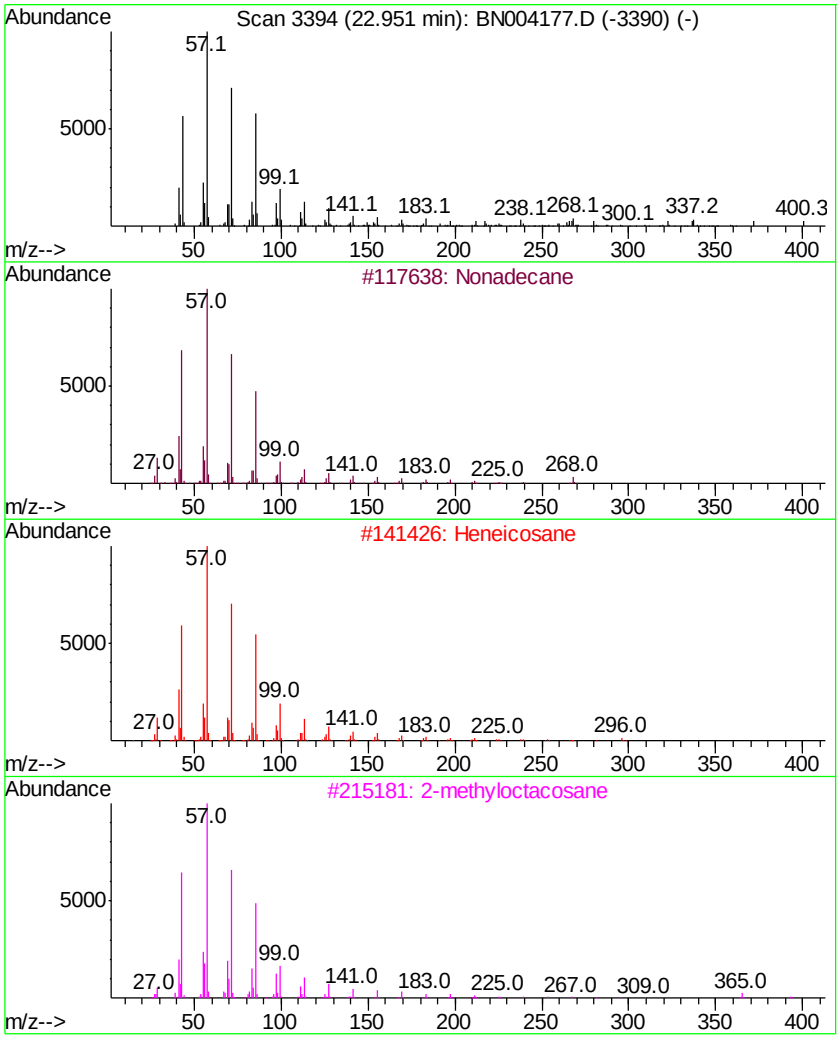
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

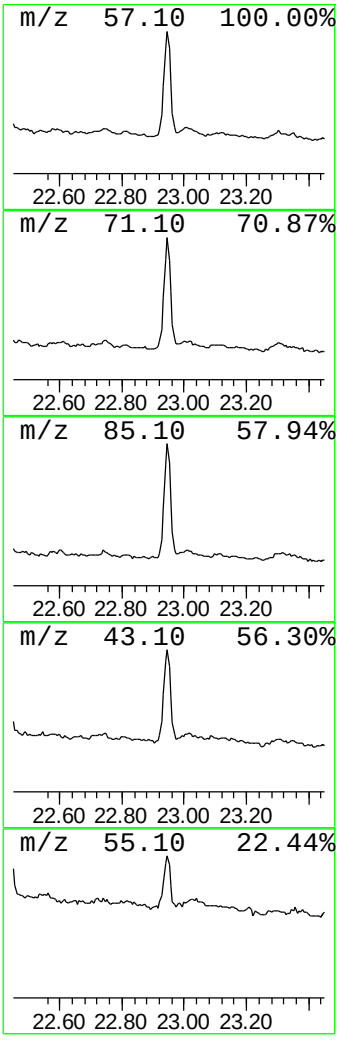
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	4.99 ng/ul	142149	Perylene-d12	23.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122118\
Data File : BN004177.D
Acq On : 22 Dec 2018 01:09
Operator : JU/SJ
Sample : J6476-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C5AA2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	22.7	ng/ul	247294	1	7.82	217814	20.0
Phenanthrene, 2,5...	19.00	4.1	ng/ul	124827	4	17.21	612106	20.0
Phenanthrene, 2,3...	19.70	2.2	ng/ul	71157	5	21.40	652883	20.0
(DEL) Alkane: Str...	20.11	2.5	ng/ul	80097	5	21.40	652883	20.0
9-Octadecenamide,...	20.51	5.1	ng/ul	166818	5	21.40	652883	20.0
(DEL) Alkane: Str...	20.61	2.1	ng/ul	68683	5	21.40	652883	20.0
Octadecane, 1-chl...	21.07	3.9	ng/ul	127093	5	21.40	652883	20.0
(DEL) Alkane: Str...	21.95	3.5	ng/ul	113208	5	21.40	652883	20.0
(DEL) Alkane: Str...	22.95	5.0	ng/ul	142149	6	23.73	569743	20.0