LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BN021220MA.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	3.040	6	9	16	rVB4	10665	14658	0.70%	0.070%
2	3.528	86	92	97	rBV6	5009	9001	0.43%	0.043%
3	3.634	107	110	116	rVV5	11312	18615	0.89%	0.088%
4	3.717	120	124	129	rVB3	10694	15463	0.74%	0.073%
5	3.934	157	161	169	rBV	50937	74364	3.55%	0.353%
6	4.328	223	228	236	rBV	42258	68975	3.30%	0.328%
7	4.593	269	273	279	rBV2	28743	43637	2.09%	0.207%
8	6.599	608	614	626	rVV	86261	178338	8.52%	0.847%
9	6.752	632	640	650	rBV	76341	134473	6.43%	0.638%
10	6.940	666	672	684	rVV	106106	184261	8.81%	0.875%
11	7.122	699	703	711	rVB7	5175	11358	0.54%	0.054%
12	7.393	739	749	760	rBV	441781	716168	34.23%	3.400%
13	8.116	866	872	884	rBV2	91697	178292	8.52%	0.847%
14	8.228	889	891	897	rVB4	7400	9260	0.44%	0.044%
15	8.540	938	944	952	rBV	93506	175376	8.38%	0.833%
16	8.722	969	975	980	rBV4	23738	41820	2.00%	0.199%
17	8.975	1014	1018	1025	rVB2	22049	32742	1.57%	0.155%
18	9.252	1058	1065	1072	rBV2	72630	133637	6.39%	0.635%
19	9.793	1151	1157	1170	rBV2	86605	189825	9.07%	0.901%
20	10.140	1209	1216	1221	rBV	608451	1001498	47.87%	4.755%
21	10.187	1221	1224	1232	rVV	41886	70491	3.37%	0.335%
22	10.305	1235	1244	1261	rBV2	74304	202136	9.66%	0.960%
23	11.834	1500	1504	1510	rBV3	8012	12316	0.59%	0.058%
24	12.875	1675	1681	1686	rVB4	11567	17255	0.82%	0.082%
25	13.351	1757	1762	1768	rBV5	5017	8117	0.39%	0.039%
26	13.463	1775	1781	1786	rBV	221148	329148	15.73%	1.563%
27	13.510	1786	1789	1799	rVV	20074	36279	1.73%	0.172%
28	13.716	1819	1824	1834	rBV	238313	371300	17.75%	1.763%
29	13.963	1861	1866	1871	rVB3	4276	9946	0.48%	0.047%
30	14.028	1871	1877	1885	rBV	842164	1278870	61.13%	6.072%
31	14.098	1885	1889	1895	rVB	45134	63394	3.03%	0.301%
32	14.310	1918	1925	1931	rBV4	22167	54211	2.59%	0.257%
33	14.445	1943	1948	1955	rVB	25558	39422	1.88%	0.187%
34	14.928	2025	2030	2035	rVB3	8328	12115	0.58%	0.058%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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-BN021220MA.M
Title : SVOA CALIBRATION

35	15.040	2043	2049	2054	rBV	316344	465425	22.25%	2.210%
36	15.098	2054	2059	2066	rVB2	41473	65277	3.12%	0.310%
37	15.204	2072	2077	2085	rBV5	50198	101298	4.84%	0.481%
38	15.398	2106	2110	2113	rBV3	6500	8703	0.42%	0.041%
39	15.540	2131	2134	2137	rBV3	7048	9493	0.45%	0.045%
40	15.645	2147	2152	2157	rBV5	5157	8400	0.40%	0.040%
41	16.457	2286	2290	2295	rVB4	11486	15340	0.73%	0.073%
42	16.581	2307	2311	2314	rBV3	10286	17480	0.84%	0.083%
43	16.604	2314	2315	2320	rVB	12640	12387	0.59%	0.059%
44	16.787	2340	2346	2350	rBV	1093858	1462370	69.90%	6.944%
45	16.828	2350	2353	2358	rVB	357500	469039	22.42%	2.227%
46	16.887	2358	2363	2367	rBV	319967	464372	22.20%	2.205%
47	17.210	2411	2418	2422	rBV3	27720	44755	2.14%	0.213%
48	17.498	2460	2467	2470	rBV6	3699	7939	0.38%	0.038%
49	17.669	2490	2496	2500	rBV	29539	39730	1.90%	0.189%
50	17.722	2500	2505	2509	rVV	45311	60766	2.90%	0.289%
51	17.781	2509	2515	2523	rVV6	15575	42672	2.04%	0.203%
52	17.857	2524	2528	2533	rVV3	50903	80977	3.87%	0.384%
53	17.898	2533	2535	2542	rVB	20696	26114	1.25%	0.124%
54	18.016	2551	2555	2561	rVB6	10644	13816	0.66%	0.066%
55	18.181	2575	2583	2586	rBV2	20273	29197	1.40%	0.139%
56	18.222	2586	2590	2598	rBV7	13333	20574	0.98%	0.098%
57	18.433	2622	2626	2630	rVB6	5705	8499	0.41%	0.040%
58	18.481	2630	2634	2639	rBV6	5100	8773	0.42%	0.042%
59	18.598	2649	2654	2658	rBV5	15812	26264	1.26%	0.125%
60	18.663	2660	2665	2668	rBV6	11777	19968	0.95%	0.095%
61	18.745	2674	2679	2686	rBV4	15406	26215	1.25%	0.124%
62	18.863	2693	2699	2705	rVV	474352	654692	31.29%	3.109%
63	18.939	2707	2712	2715	rBV6	6795	9419	0.45%	0.045%
64	19.104	2735	2740	2745	rBV5	11603	19912	0.95%	0.095%
65	19.157	2745	2749	2750	rBV3	7596	9998	0.48%	0.047%
66	19.192	2750	2755	2758	rVV	506846	759001	36.28%	3.604%
67	19.222	2758	2760	2769	rVV	424139	553516	26.46%	2.628%
68	19.310	2772	2775	2780	rVB3	15400	21209	1.01%	0.101%
69	19.422	2786	2794	2798	rBV2	24595	47595	2.28%	0.226%
70	19.569	2812	2819	2827	rBV6	27884	73817	3.53%	0.350%
71	19.704	2837	2842	2843	rBV5	18325	27940	1.34%	0.133%

LSC Area Percent Report

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Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Title : SVOA CALIBRATION

72	19.733	2843	2847	2853	rVB	49041	81835	3.91%	0.389%
73	19.786	2853	2856	2860	rBV5	13012	16994	0.81%	0.081%
74	19.839	2861	2865	2869	rVB2	32514	42375	2.03%	0.201%
75	19.892	2869	2874	2877	rBV3	40478	58404	2.79%	0.277%
76	20.033	2895	2898	2901	rVB3	19024	22714	1.09%	0.108%
77	20.080	2902	2906	2910	rBV5	29932	41373	1.98%	0.196%
78	20.169	2916	2921	2923	rBV6	10887	17794	0.85%	0.084%
79	20.286	2938	2941	2944	rBV	26674	30623	1.46%	0.145%
80	20.492	2973	2976	2982	rVB3	34455	43915	2.10%	0.209%
81	20.651	3000	3003	3006	rBV4	43076	43803	2.09%	0.208%
82	20.692	3006	3010	3014	rVV2	123553	214906	10.27%	1.020%
83	20.751	3016	3020	3025	rVV3	262664	409611	19.58%	1.945%
84	20.804	3025	3029	3037	rVV	356732	480230	22.96%	2.280%
85	20.875	3039	3041	3049	rVV3	37620	65699	3.14%	0.312%
86	20.951	3051	3054	3056	rVV	52176	60489	2.89%	0.287%
87	21.004	3056	3063	3067	rVV2	1375259	2092014	100.00%	9.933%
88	21.039	3067	3069	3081	rVB	276217	354527	16.95%	1.683%
89	21.157	3087	3089	3092	rVB	31493	24280	1.16%	0.115%
90	21.192	3092	3095	3099	rBV	84954	82836	3.96%	0.393%
91	21.610	3162	3166	3170	rVB2	128838	163312	7.81%	0.775%
92	22.039	3236	3239	3246	rVB	184276	235812	11.27%	1.120%
93	22.504	3311	3318	3322	rBV3	418692	913882	43.68%	4.339%
94	22.927	3386	3390	3393	rBV	124279	180890	8.65%	0.859%
95	22.974	3393	3398	3401	rVV	344634	522982	25.00%	2.483%
96	23.021	3402	3406	3412	rVB2	367124	614356	29.37%	2.917%
97	23.104	3414	3420	3425	rBV	940365	1608363	76.88%	7.637%
98	23.610	3501	3506	3512	rVB	299905	497955	23.80%	2.364%
99	24.274	3614	3619	3627	rVB	179304	354170	16.93%	1.682%
100	25.051	3746	3751	3758	rVB	148875	315088	15.06%	1.496%

Sum of corrected areas: 21060935

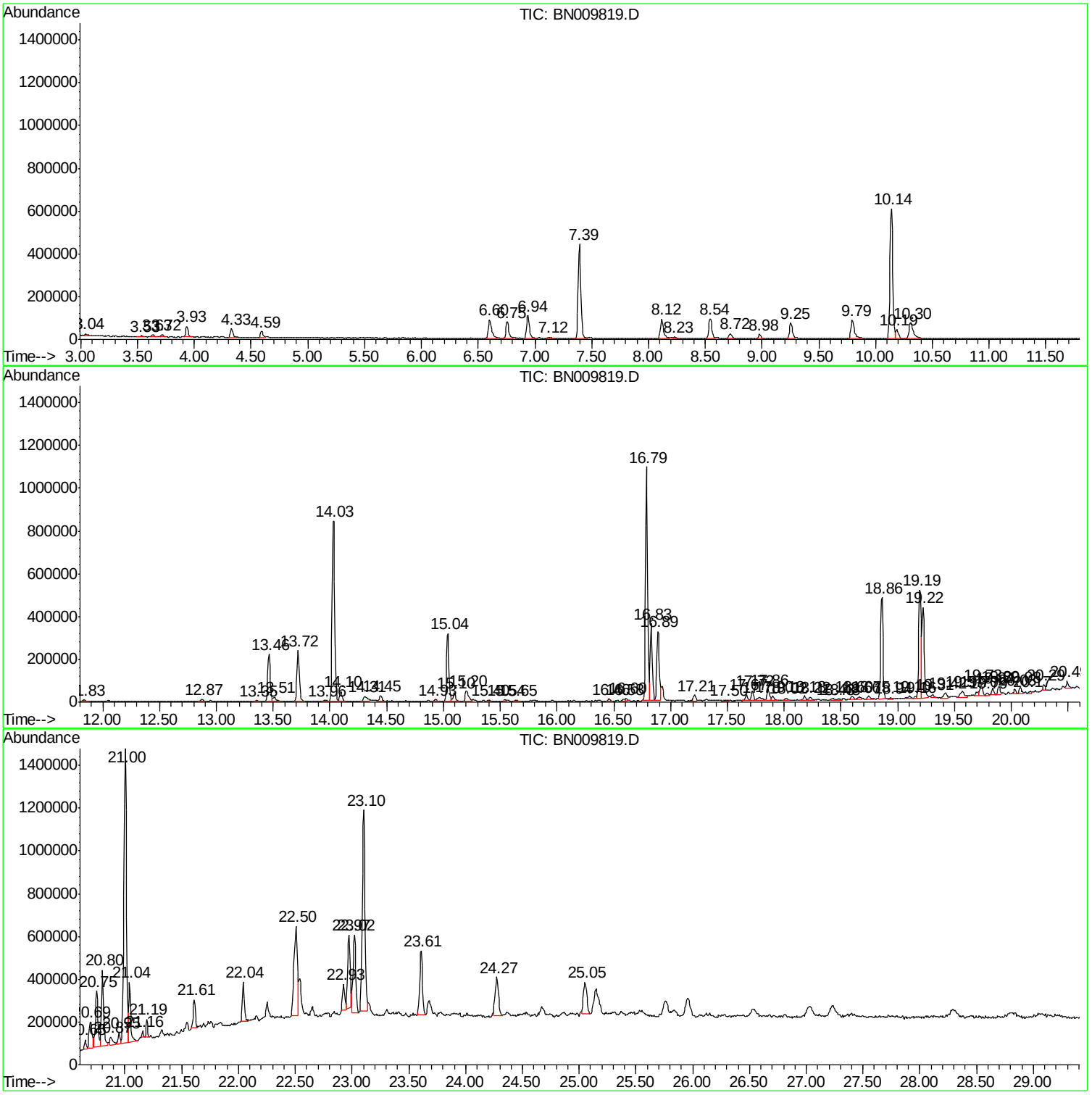
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
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Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

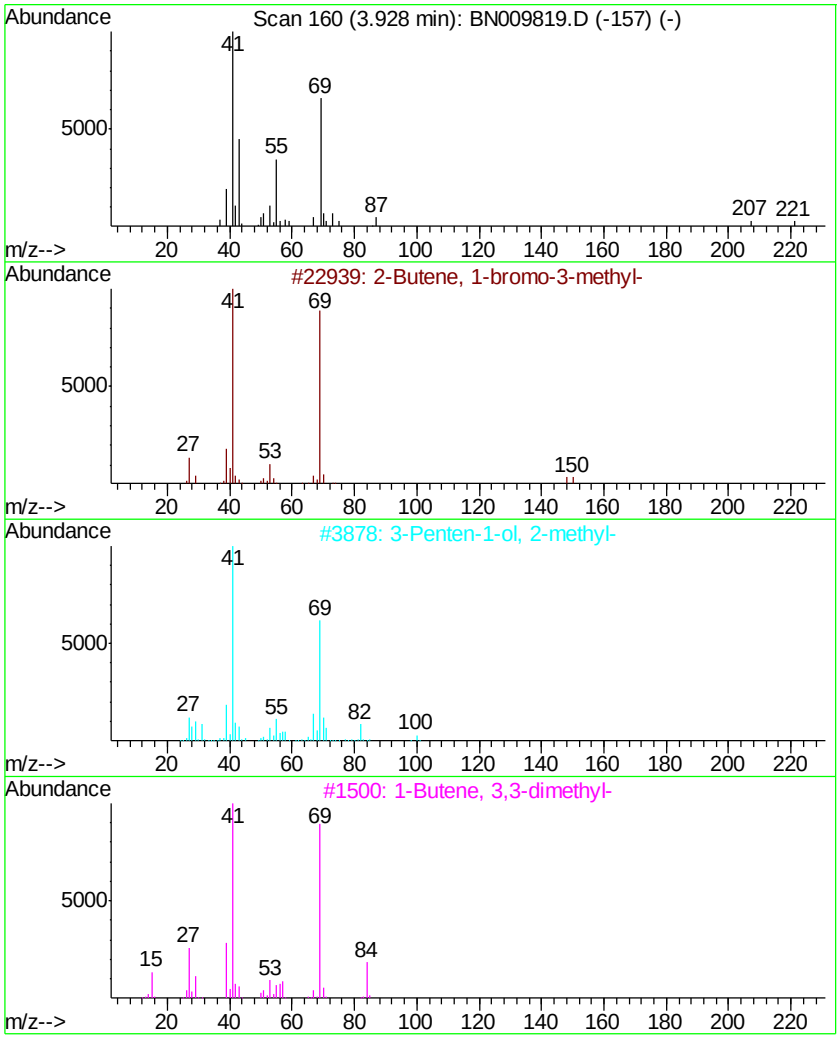
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

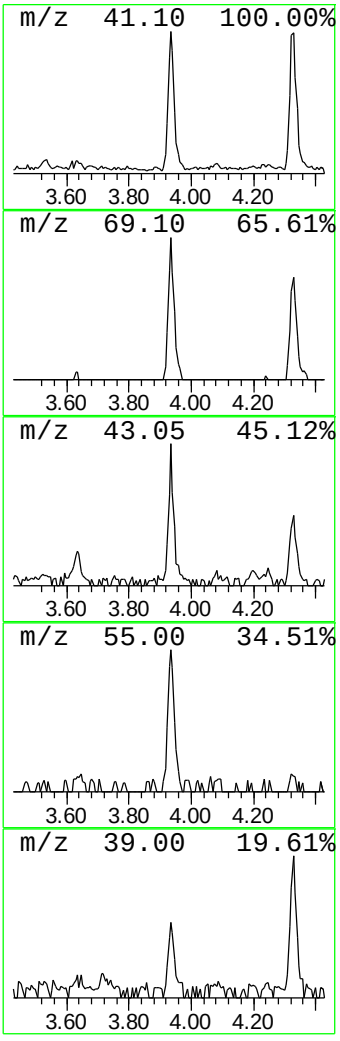
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	2.08 ng/ul	74364	1,4-Dichlorobenzene-d4	7.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	40
2	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	38
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	36
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	33
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	33





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\
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Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

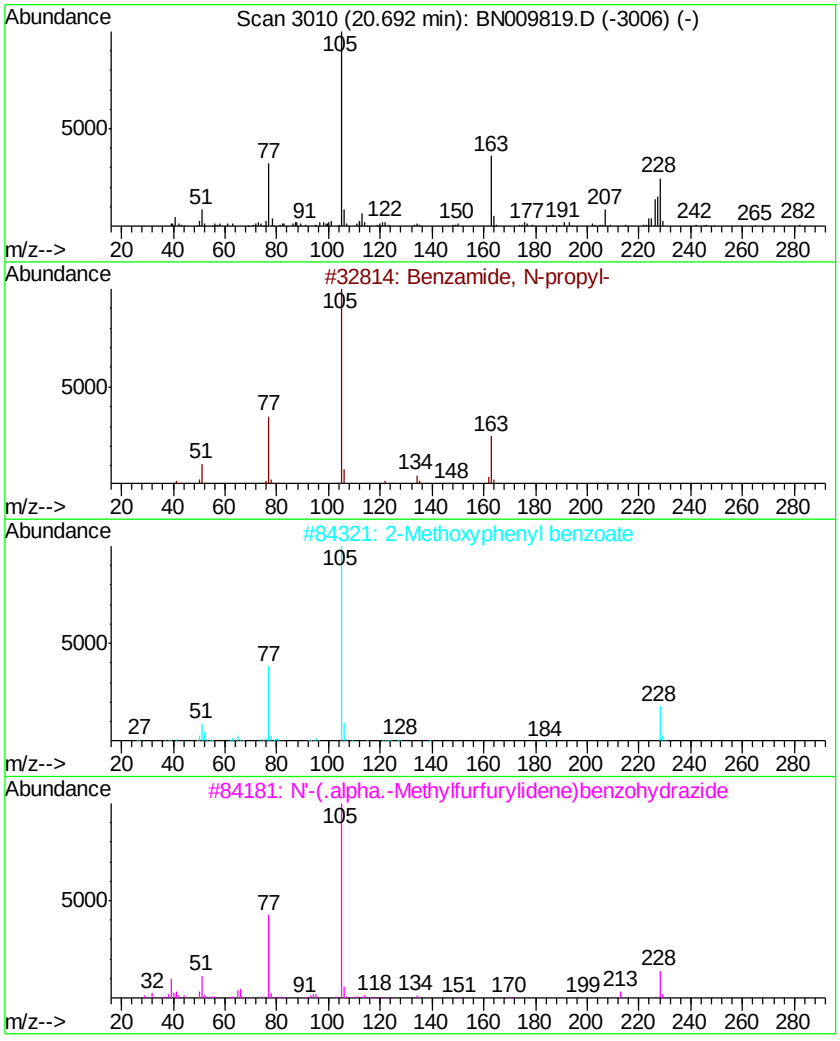
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

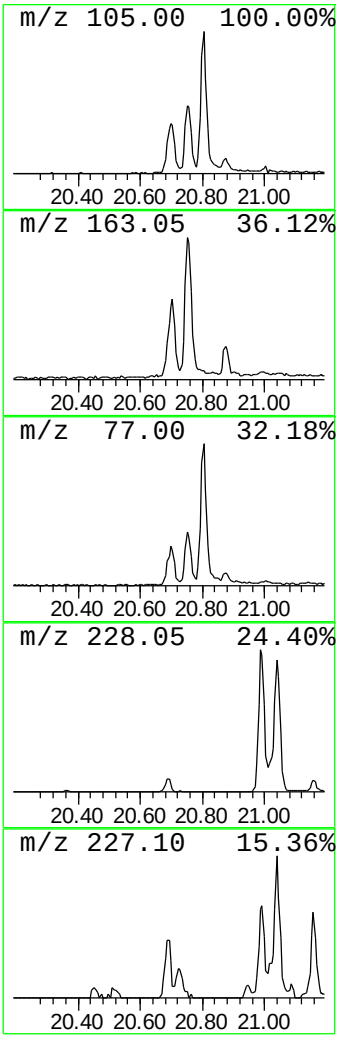
****

Peak Number 2 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.05 ng/ul	214906	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	46
2	2-Methoxyphenyl benzoate	228	C14H12O3	000531-37-3	38
3	N'-(.alpha.-Methylfurfurylidene)...	228	C13H12N2O2	113906-38-0	38
4	Benzoic acid, 2,3-dimethylphenyl...	226	C15H14O2	1000360-68-4	30
5	2-Methoxyphenyl benzoate	228	C14H12O3	000531-37-3	30





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

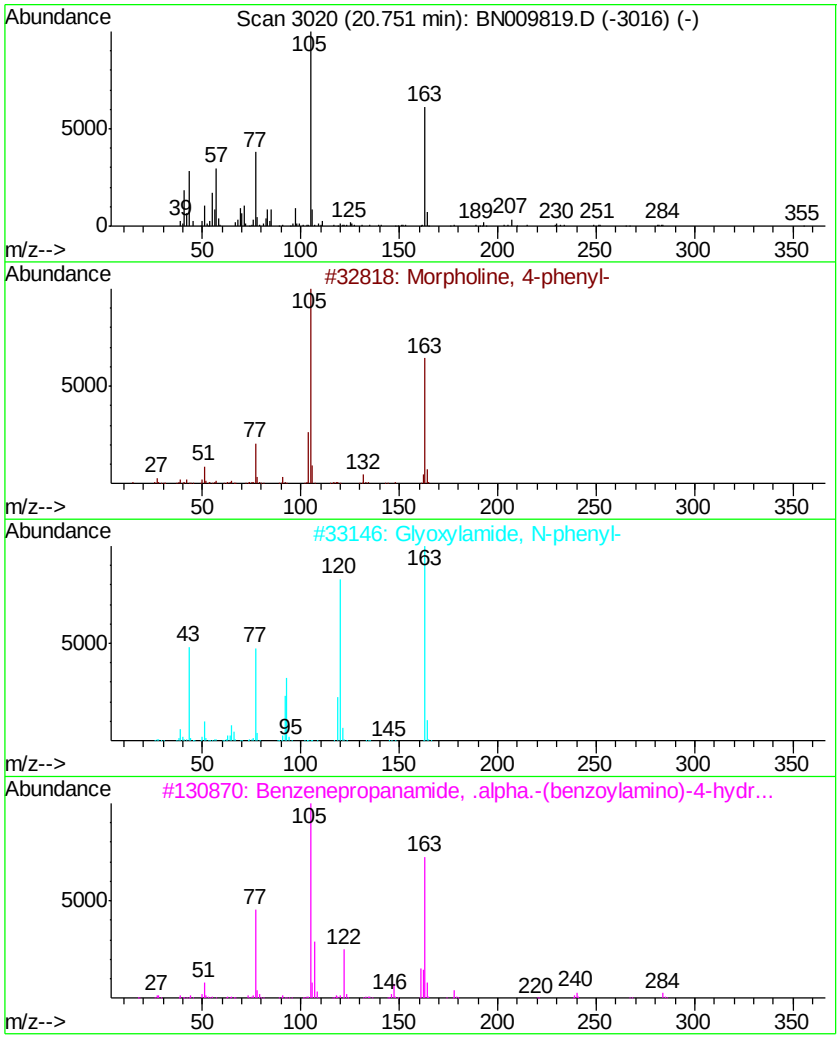
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

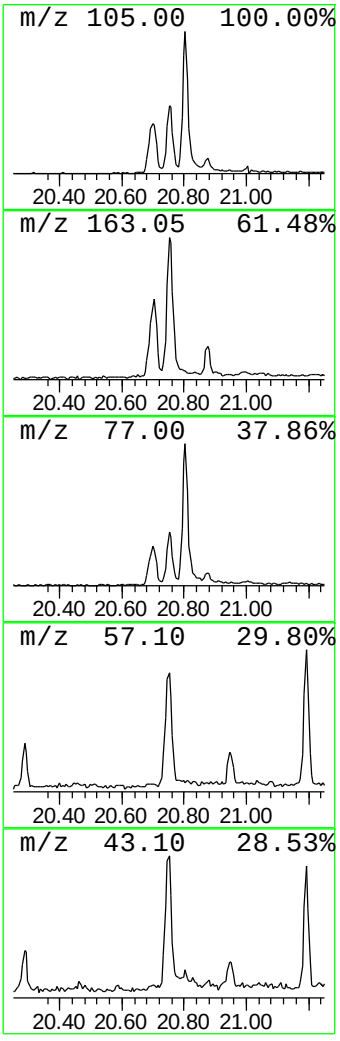
****

Peak Number 3 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	3.92 ng/ul	409611	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	45
2	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	43
3	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	40
4	6H-1,3,4-Oxadiazin-6-one, 5-tert...	230	C13H14N2O2	1000142-96-3	38
5	Propanoic acid, 2-(benzoylamino)...	251	C13H17NO4	141627-52-3	35





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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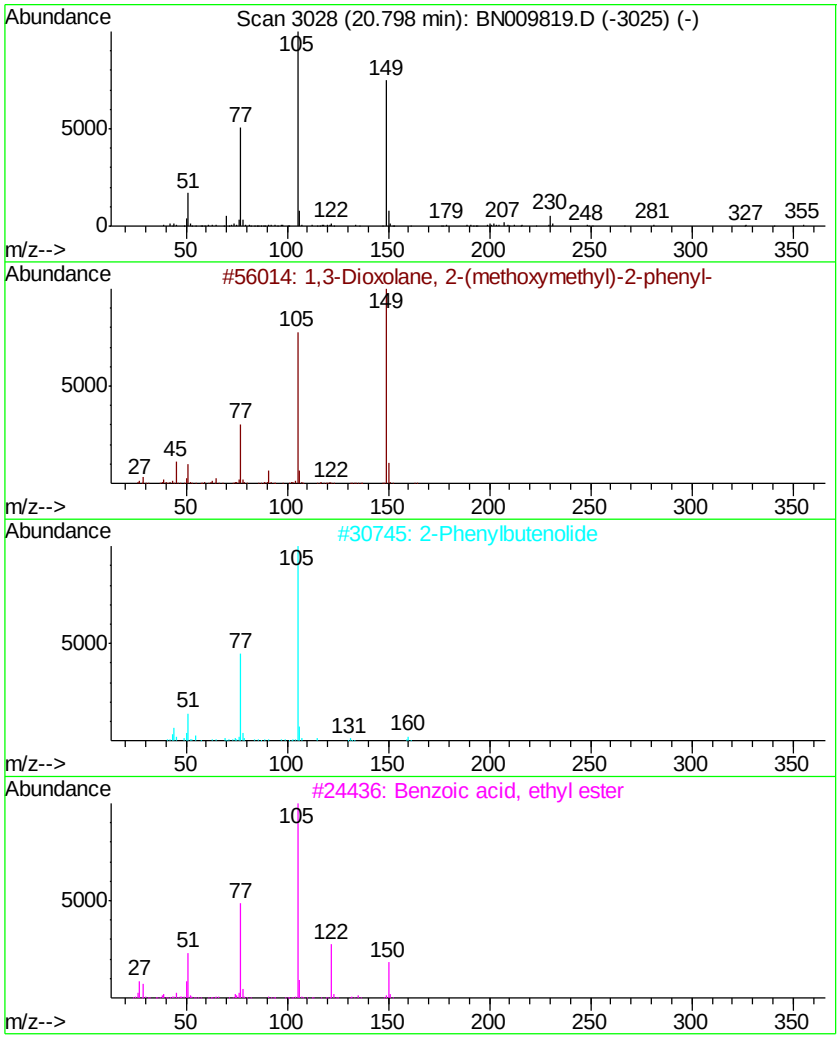
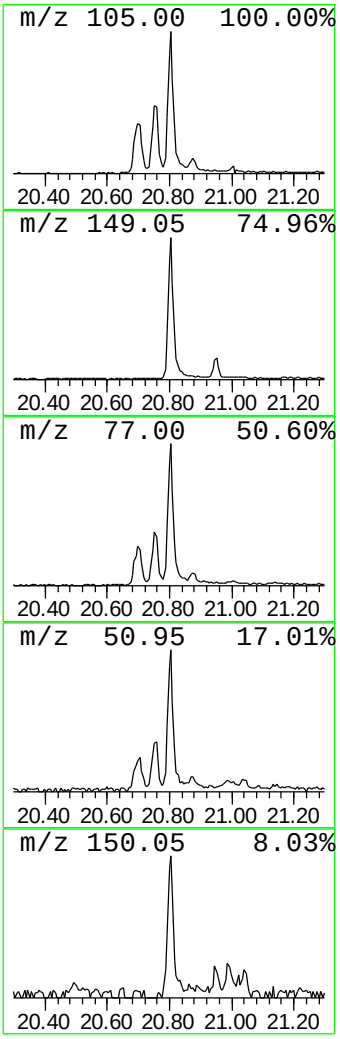
Peak Number 4 1,3-Dioxolane, 2-(methoxyme... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.59 ng/ul	480230	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	64
2	2-Phenylbutenolide	160	C10H8O2	001955-39-1	35
3	Benzoic acid, ethyl ester	150	C9H10O2	000093-89-0	35
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	35
5	1,3-Phenylenedibenzoate	318	C20H14O4	000094-01-9	35





Library Search Compound Report

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Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
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Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

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

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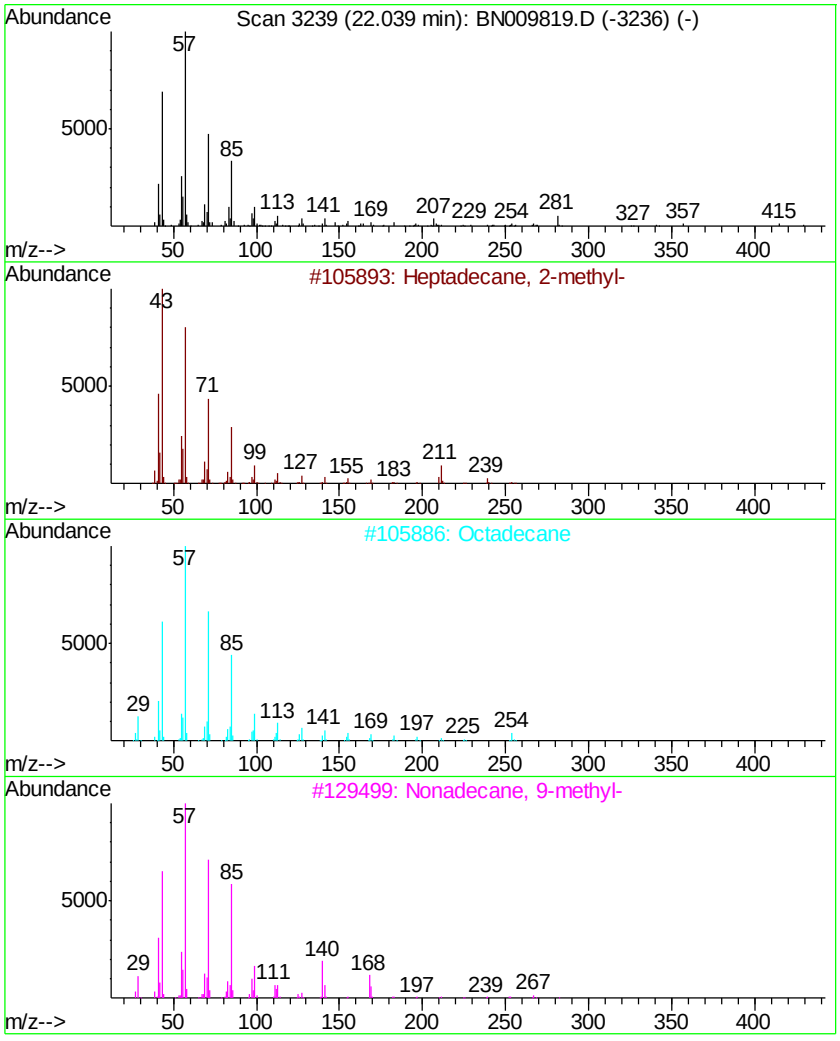
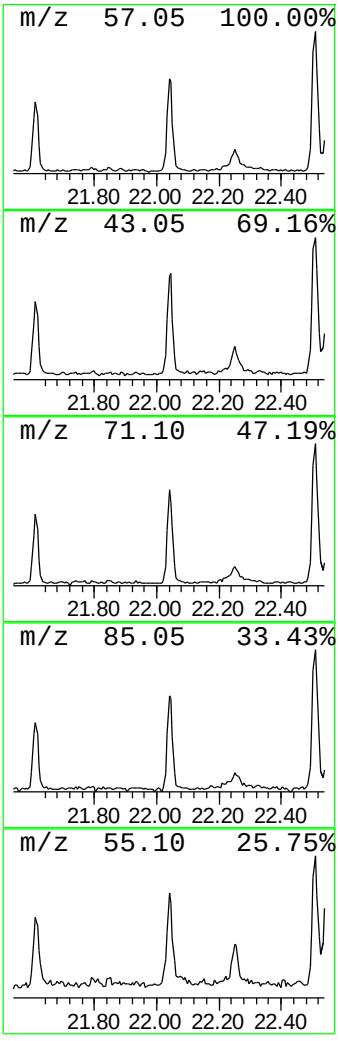
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	2.25 ng/ul	235812	Chrysene-d12	21.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
2	Octadecane	254	C18H38	000593-45-3	89
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	81
4	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	74
5	Octacosane	394	C28H58	000630-02-4	74





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Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

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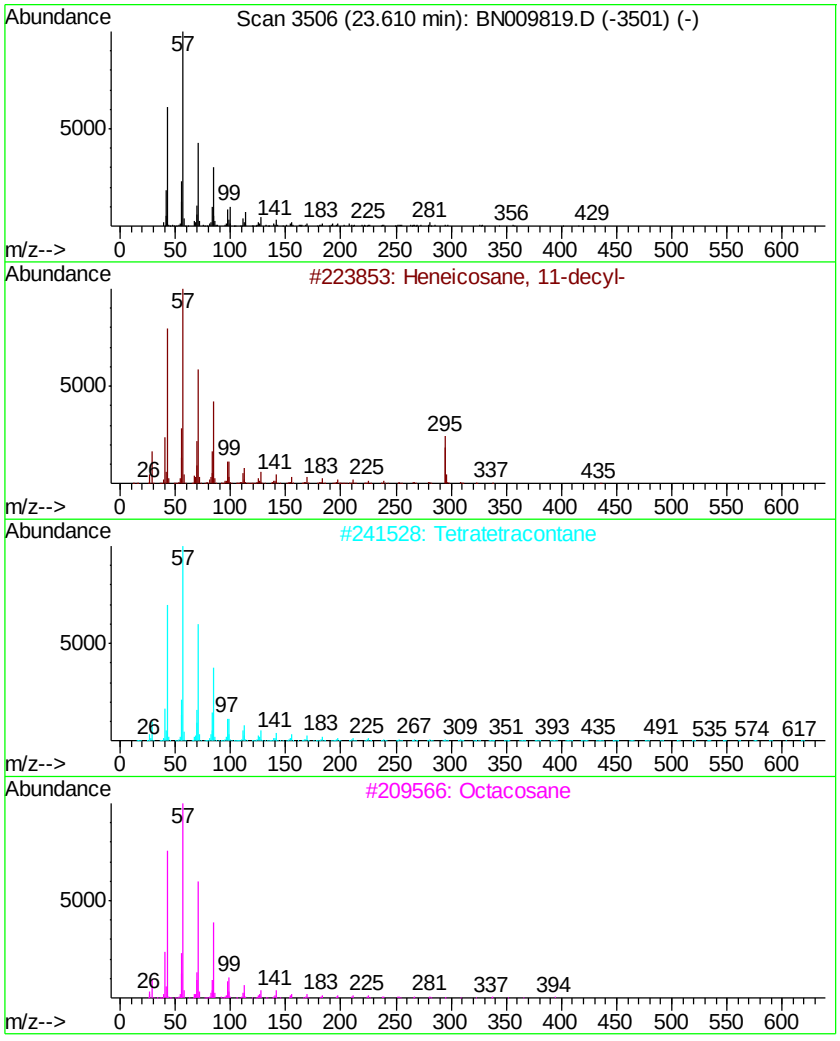
Quant Title : SVOA CALIBRATION

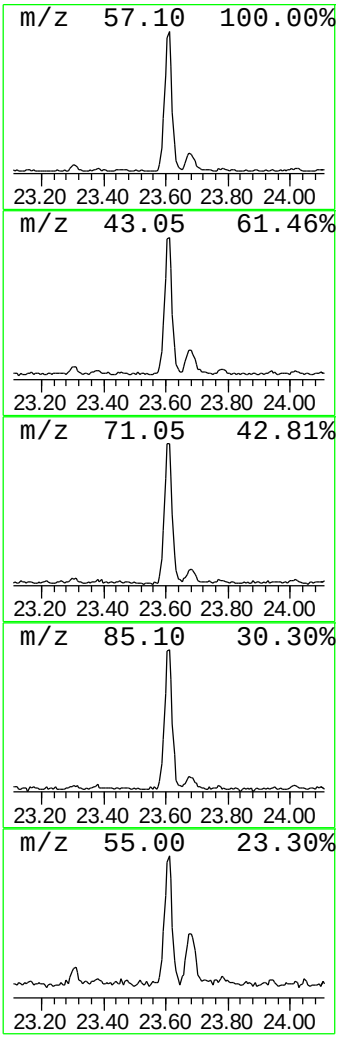
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	6.19 ng/ul	497955	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	87
5	Heneicosane	296	C21H44	000629-94-7	87





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Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

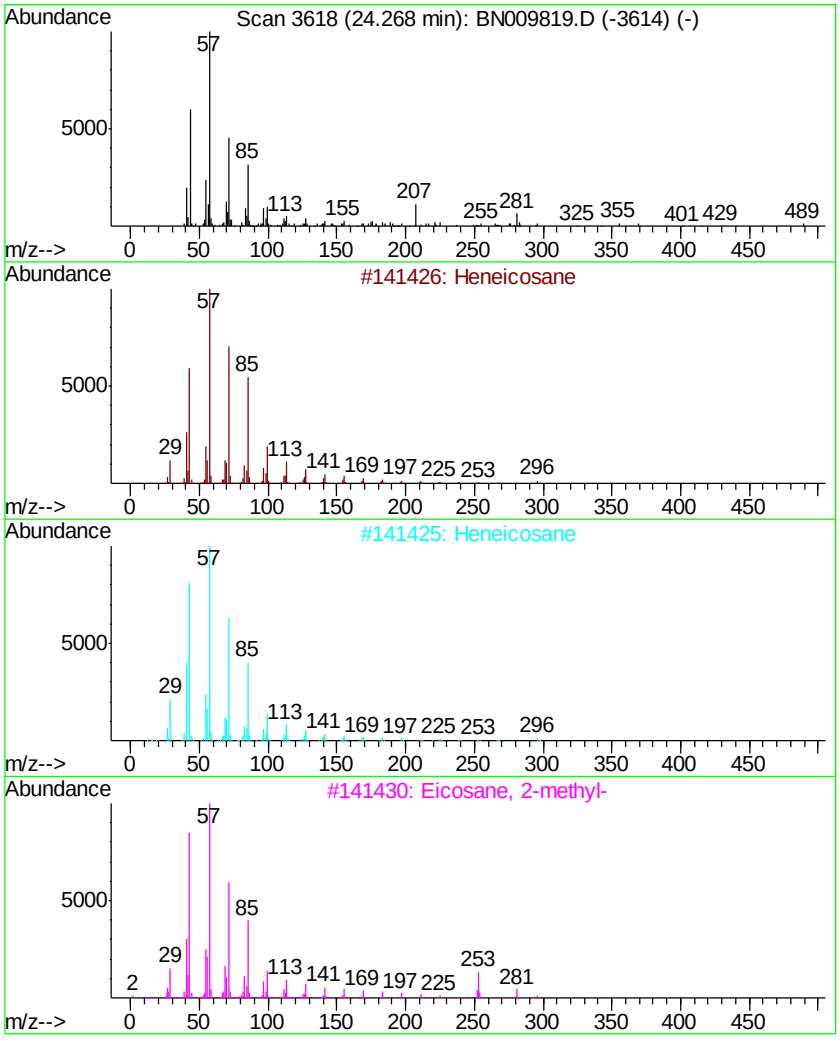
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

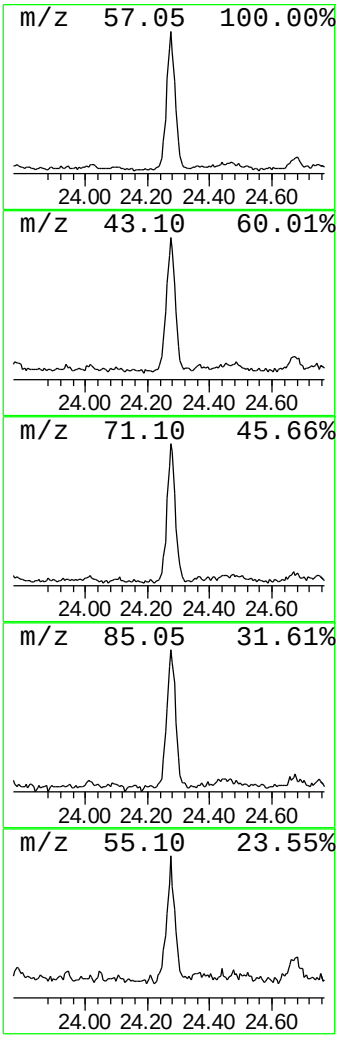
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	4.40 ng/ul	354170	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heneicosane	296	C21H44	000629-94-7	93
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022220\
Data File : BN009819.D
Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

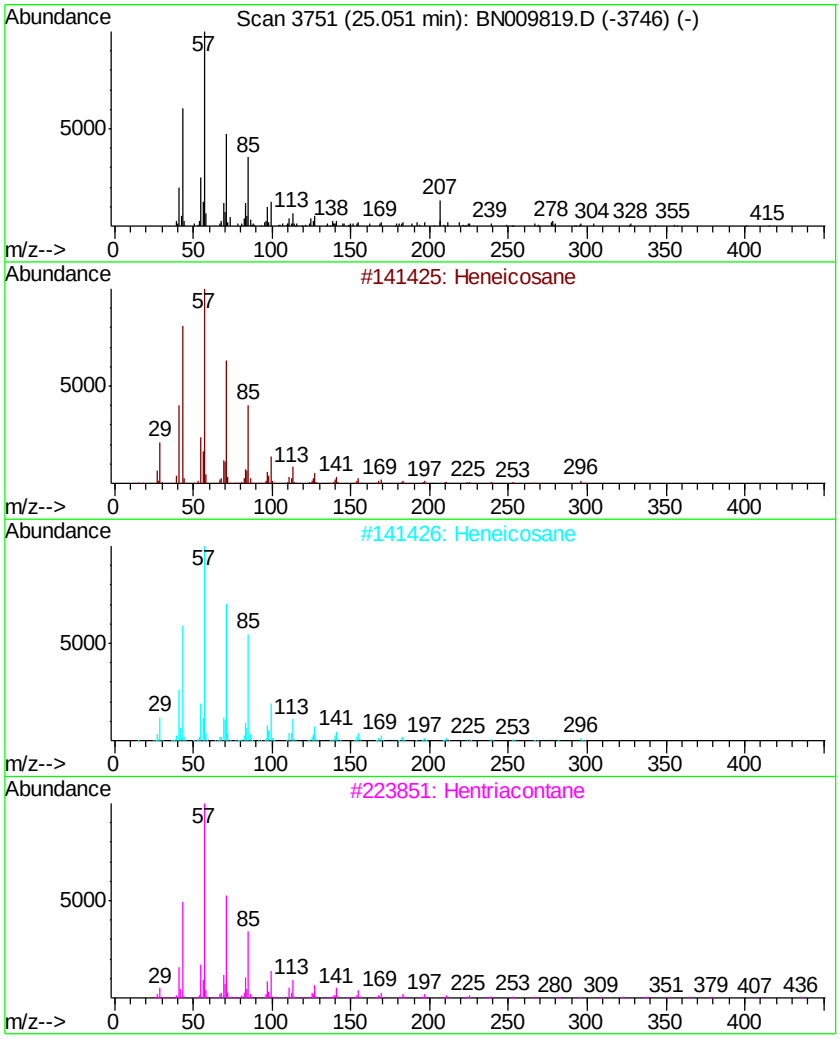
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION

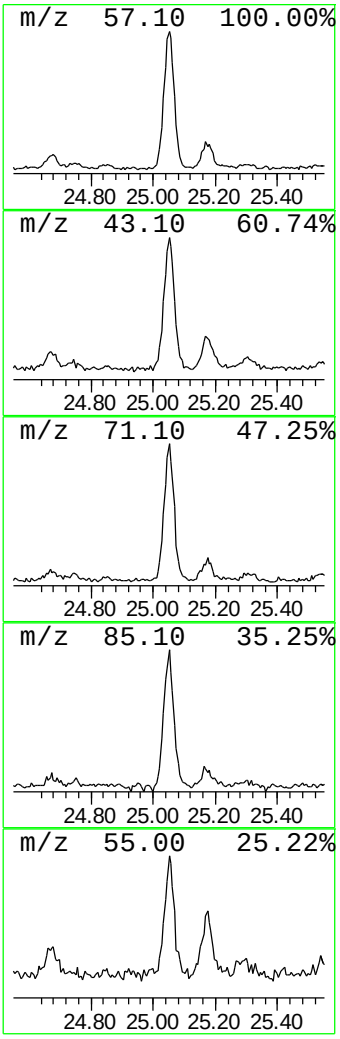
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	3.92 ng/ul	315088	Perylene-d12	23.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heneicosane	296	C21H44	000629-94-7	86
3	Hentriacontane	437	C31H64	000630-04-6	74
4	Eicosane, 3-methyl-	296	C21H44	006418-46-8	72
5	Heptacosane	380	C27H56	000593-49-7	72





Tentatively Identified Compound (LSC) summary

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Acq On : 21 Feb 2020 22:06
Operator : CG/JU
Sample : L1535-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB6Q3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.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
unknown-01	3.93	2.1	ng/ul	74364	1	7.39	716168	20.0
unknown-02	20.69	2.0	ng/ul	214906	5	21.00	2092010	20.0
unknown-03	20.75	3.9	ng/ul	409611	5	21.00	2092010	20.0
1,3-Dioxolane, 2-...	20.80	4.6	ng/ul	480230	5	21.00	2092010	20.0
(DEL) Alkane: Str...	22.04	2.3	ng/ul	235812	5	21.00	2092010	20.0
(DEL) Alkane: Str...	23.61	6.2	ng/ul	497955	6	23.10	1608360	20.0
(DEL) Alkane: Str...	24.27	4.4	ng/ul	354170	6	23.10	1608360	20.0
(DEL) Alkane: Str...	25.05	3.9	ng/ul	315088	6	23.10	1608360	20.0