LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
Data File : BN004450.D
Acq On : 18 Feb 2019 19:25
Operator : JU/SJ
Sample : K1491-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

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-BN020719MA.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	3.158	26	29	37	rBB	19720	24867	2.19%	0.392%
2	3.864	145	149	156	rBB2	15065	23566	2.08%	0.371%
3	3.958	162	165	170	rBB	10041	13565	1.20%	0.214%
4	7.746	803	809	815	rBB	72003	113197	9.97%	1.783%
5	10.528	1275	1282	1289	rBB	127328	203942	17.97%	3.213%
6	14.381	1931	1937	1944	rBB2	259169	384025	33.84%	6.050%
7	15.928	2197	2200	2203	rBB	3705	4259	0.38%	0.067%
8	16.422	2279	2284	2290	rBB2	11813	14273	1.26%	0.225%
9	16.728	2333	2336	2342	rVB	1866	2500	0.22%	0.039%
10	16.816	2348	2351	2354	rBV2	937	1298	0.11%	0.020%
11	16.933	2370	2371	2375	rVB2	1372	1411	0.12%	0.022%
12	17.128	2398	2404	2409	rBV	406645	562196	49.54%	8.857%
13	17.169	2409	2411	2416	rVB	9332	10023	0.88%	0.158%
14	17.651	2490	2493	2495	rVB	1449	1646	0.15%	0.026%
15	18.004	2549	2553	2555	rBV2	1541	2430	0.21%	0.038%
16	18.051	2558	2561	2567	rVV3	2340	3826	0.34%	0.060%
17	18.098	2567	2569	2572	rVV2	1562	1740	0.15%	0.027%
18	18.145	2575	2577	2580	rVV2	1388	1601	0.14%	0.025%
19	18.198	2582	2586	2590	rBV3	6682	9200	0.81%	0.145%
20	18.233	2590	2592	2597	rVB2	1118	1486	0.13%	0.023%
21	18.304	2602	2604	2606	rVV2	2037	1484	0.13%	0.023%
22	18.510	2635	2639	2642	rVB2	1893	2407	0.21%	0.038%
23	18.698	2666	2671	2672	rVB	1157	1137	0.10%	0.018%
24	18.751	2675	2680	2683	rBV4	1888	3101	0.27%	0.049%
25	18.780	2683	2685	2691	rVB2	3200	4484	0.40%	0.071%
26	18.857	2693	2698	2702	rBV2	6862	9876	0.87%	0.156%
27	18.886	2702	2703	2706	rBV2	1138	1297	0.11%	0.020%
28	18.928	2706	2710	2711	rBV2	1694	2054	0.18%	0.032%
29	18.980	2716	2719	2722	rVB4	1718	1904	0.17%	0.030%
30	19.045	2727	2730	2735	rVB	18852	20868	1.84%	0.329%
31	19.128	2738	2744	2747	rBV3	4473	7012	0.62%	0.110%
32	19.192	2750	2755	2761	rVB	47489	60567	5.34%	0.954%
33	19.251	2761	2765	2768	rBV4	2665	3886	0.34%	0.061%
34	19.333	2775	2779	2783	rBV2	24741	27848	2.45%	0.439%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021819\
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Acq On : 18 Feb 2019 19:25
Operator : JU/SJ
Sample : K1491-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

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-BN020719MA.M
Title : SVOA CALIBRATION

35	19.404	2789	2791	2793	rBV3	2547	1793	0.16%	0.028%
36	19.522	2808	2811	2813	rBV2	8138	10099	0.89%	0.159%
37	19.557	2813	2817	2822	rVB	41147	55038	4.85%	0.867%
38	19.739	2846	2848	2849	rBV	2479	1613	0.14%	0.025%
39	19.763	2849	2852	2860	rVB4	9573	18441	1.62%	0.291%
40	19.904	2873	2876	2879	rVB3	23438	24033	2.12%	0.379%
41	19.951	2881	2884	2886	rBV3	5396	6515	0.57%	0.103%
42	20.045	2895	2900	2906	rVB2	75722	92356	8.14%	1.455%
43	20.092	2906	2908	2909	rBV2	2584	1614	0.14%	0.025%
44	20.157	2915	2919	2922	rBV3	4729	6577	0.58%	0.104%
45	20.245	2931	2934	2937	rBV4	7493	8235	0.73%	0.130%
46	20.322	2943	2947	2951	rBV	67214	74076	6.53%	1.167%
47	20.375	2954	2956	2960	rVV3	12104	13548	1.19%	0.213%
48	20.486	2970	2975	2979	rBV3	20553	31690	2.79%	0.499%
49	20.622	2994	2998	2999	rBV3	15587	18380	1.62%	0.290%
50	20.639	2999	3001	3008	rVB	33848	39430	3.47%	0.621%
51	20.786	3023	3026	3032	rBV4	44749	51464	4.53%	0.811%
52	20.851	3034	3037	3040	rBV2	11650	12032	1.06%	0.190%
53	21.057	3069	3072	3076	rVB3	32557	37512	3.31%	0.591%
54	21.116	3079	3082	3086	rVB4	13567	17481	1.54%	0.275%
55	21.327	3111	3118	3128	rBV	736190	1134872	100.00%	17.878%
56	21.404	3128	3131	3134	rVB	32573	35006	3.08%	0.551%
57	21.463	3137	3141	3143	rVV2	64859	75098	6.62%	1.183%
58	21.492	3143	3146	3150	rVV	166634	194383	17.13%	3.062%
59	21.545	3151	3155	3158	rVV	255337	297257	26.19%	4.683%
60	21.586	3158	3162	3166	rVV	636651	797476	70.27%	12.563%
61	21.616	3166	3167	3172	rVB	89045	84489	7.44%	1.331%
62	21.663	3172	3175	3178	rBV	18890	22517	1.98%	0.355%
63	21.816	3197	3201	3205	rVB	128358	171422	15.10%	2.701%
64	22.057	3239	3242	3248	rVB3	40532	60933	5.37%	0.960%
65	22.369	3291	3295	3301	rVB	36767	53453	4.71%	0.842%
66	23.451	3476	3479	3484	rBV2	28598	44432	3.92%	0.700%
67	23.592	3497	3503	3511	rVB2	532011	1015753	89.50%	16.002%
68	27.386	4141	4148	4162	rVB2	92218	309705	27.29%	4.879%

Sum of corrected areas: 6347699

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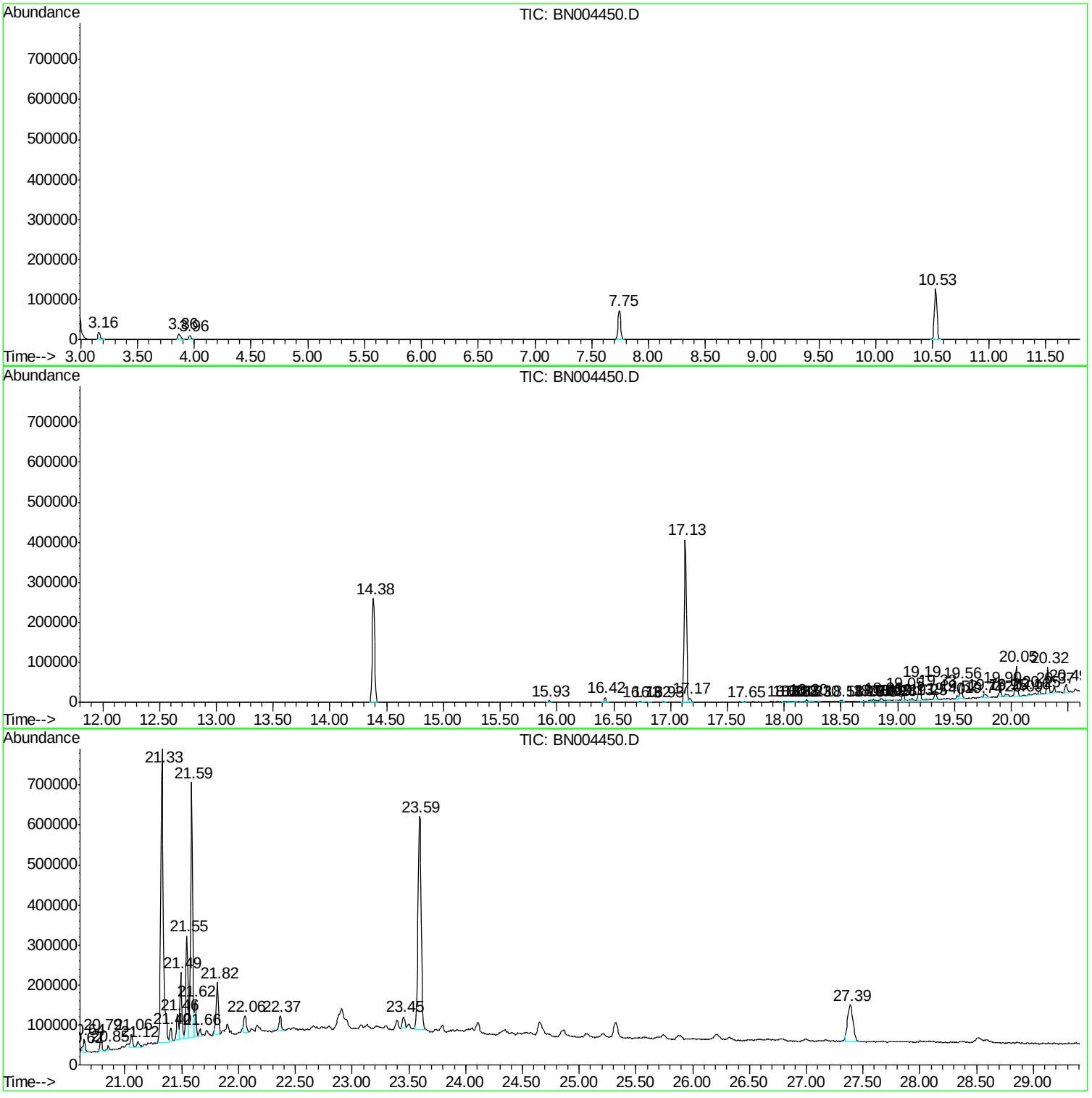
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB583

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

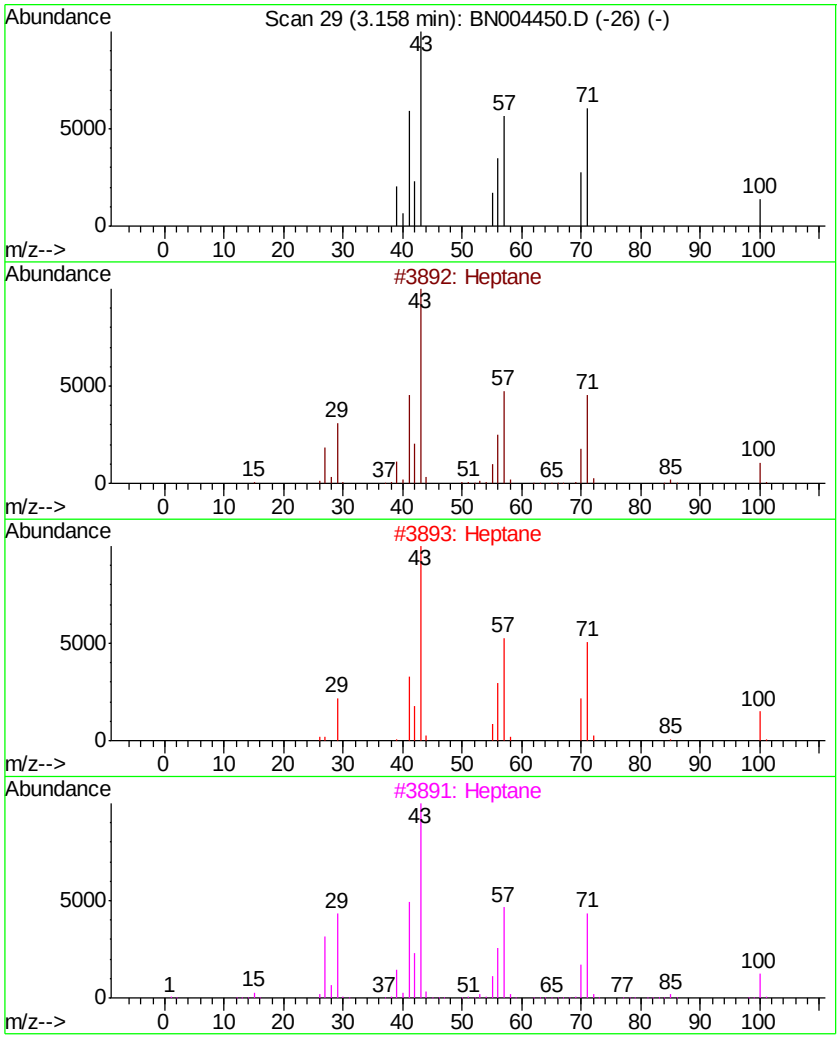
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

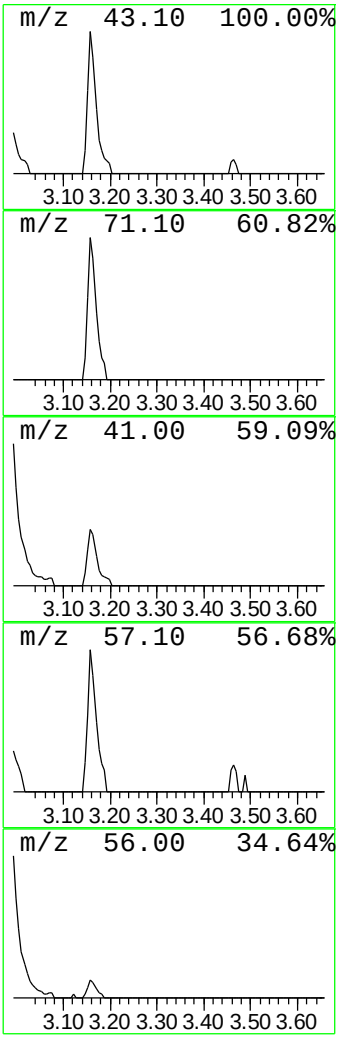
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	4.39 ng/ul	24867	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	78
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	39





Library Search Compound Report

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Acq On : 18 Feb 2019 19:25
Operator : JU/SJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

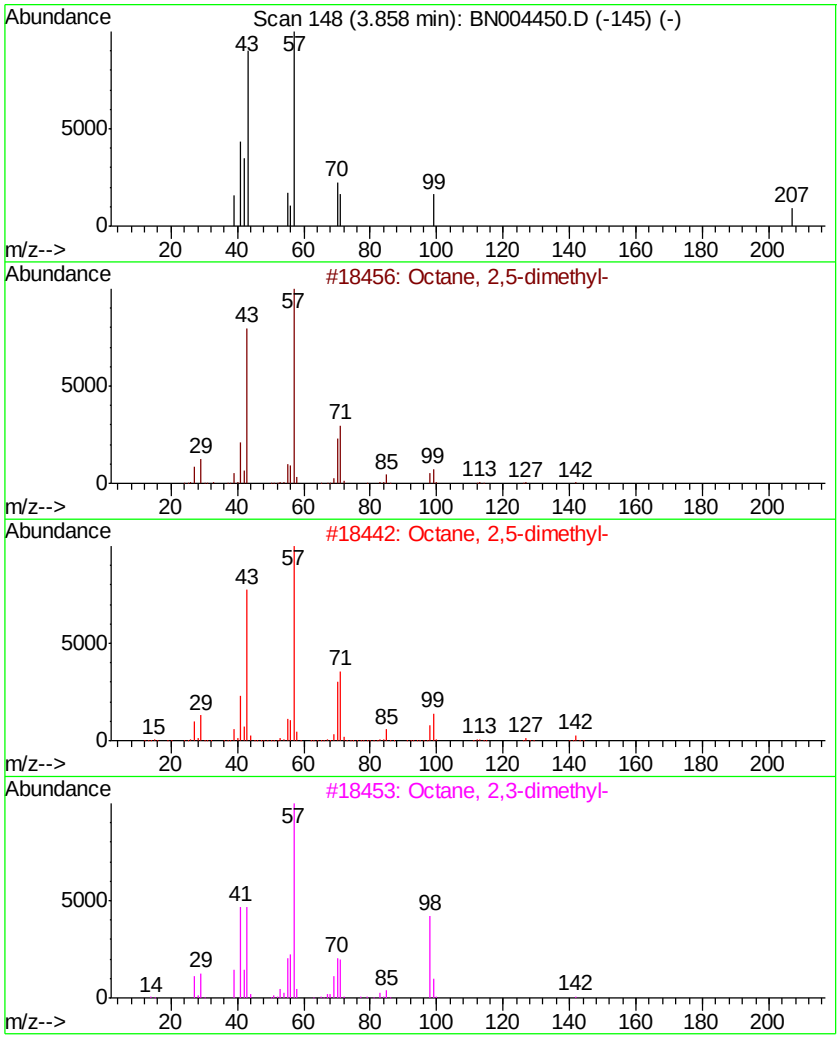
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

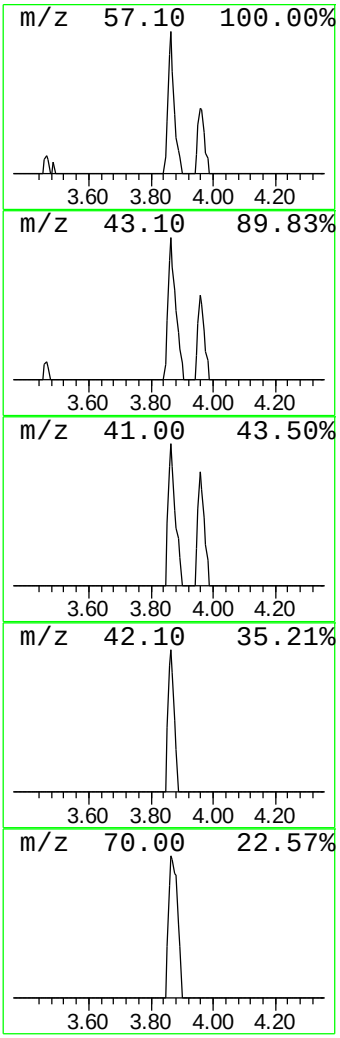
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.86	4.16 ng/ul	23566	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	36
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	36
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	36
4	(Aminomethyl)cyclopropane	71	C4H9N	002516-47-4	32
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	28





Library Search Compound Report

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Operator : JU/SJ
Sample : K1491-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

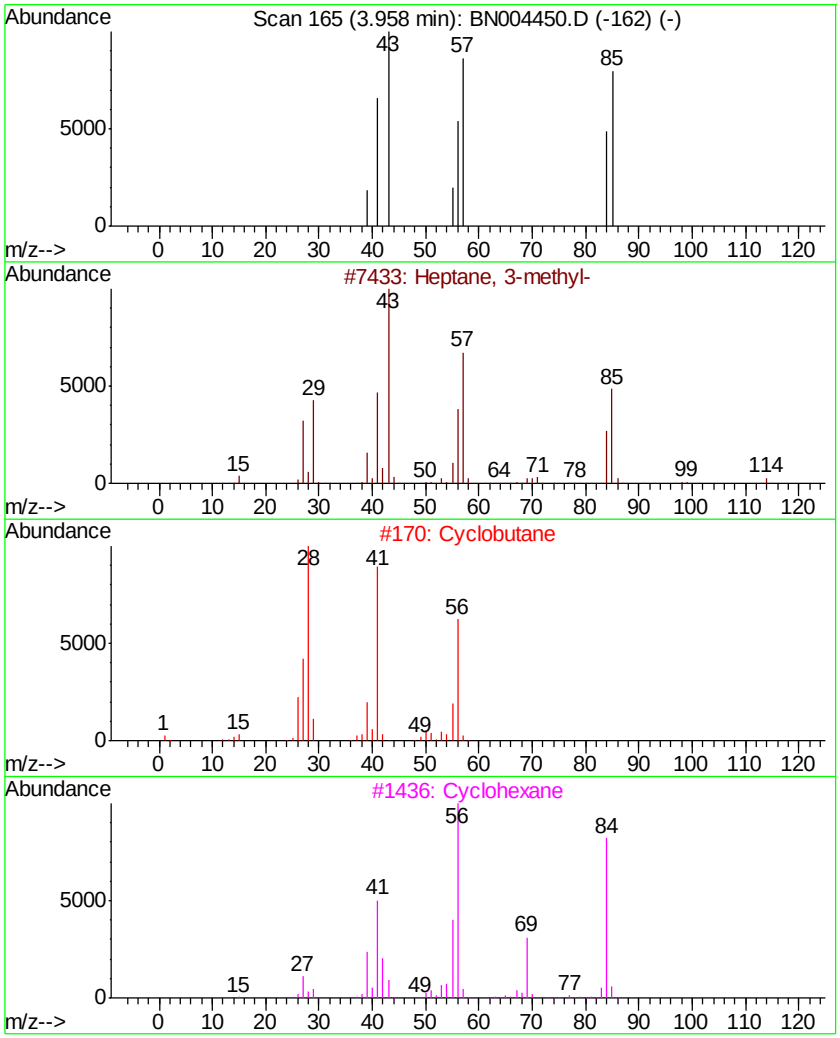
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

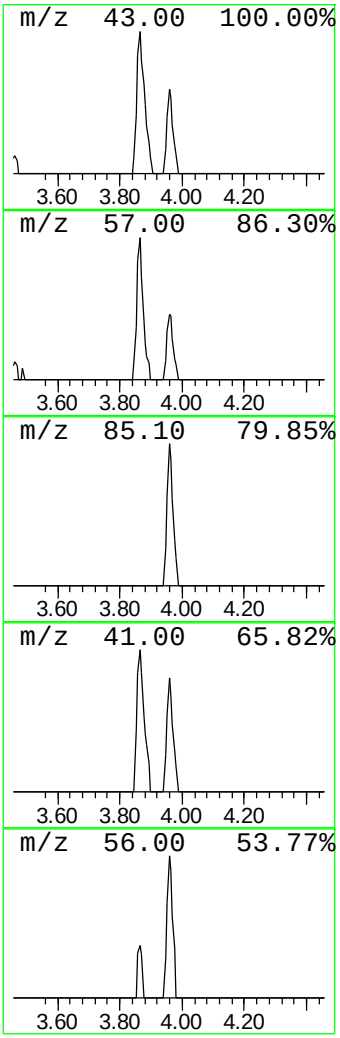
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	2.40 ng/ul	13565	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	74
2	Cyclobutane	56	C4H8	000287-23-0	9
3	Cyclohexane	84	C6H12	000110-82-7	9
4	Cyclohexane	84	C6H12	000110-82-7	9
5	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	9





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

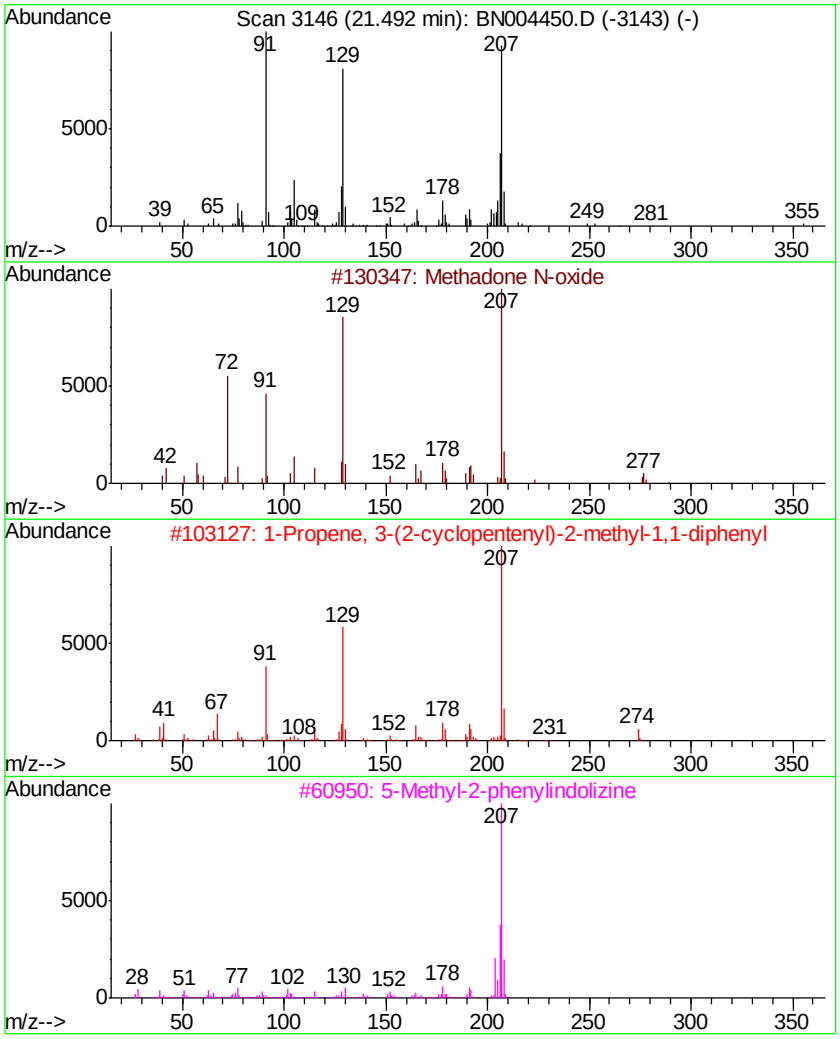
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

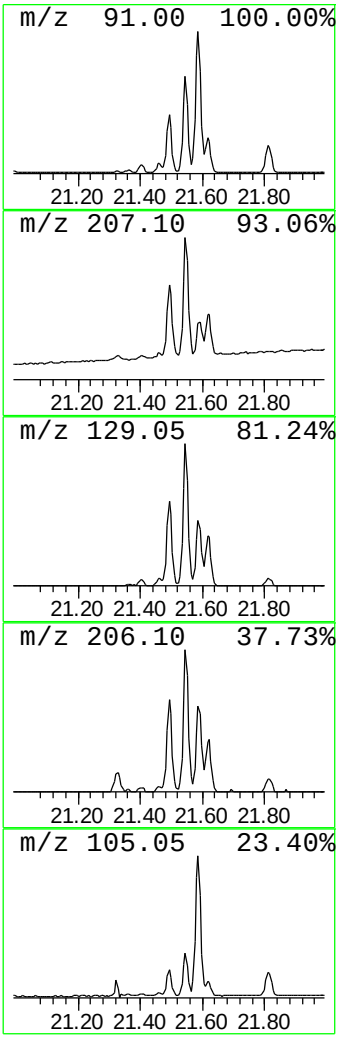
****

Peak Number 4 Methadone N-oxide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.43 ng/ul	194383	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	64
2	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	59
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	45
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	42
5	(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	37





Library Search Compound Report

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

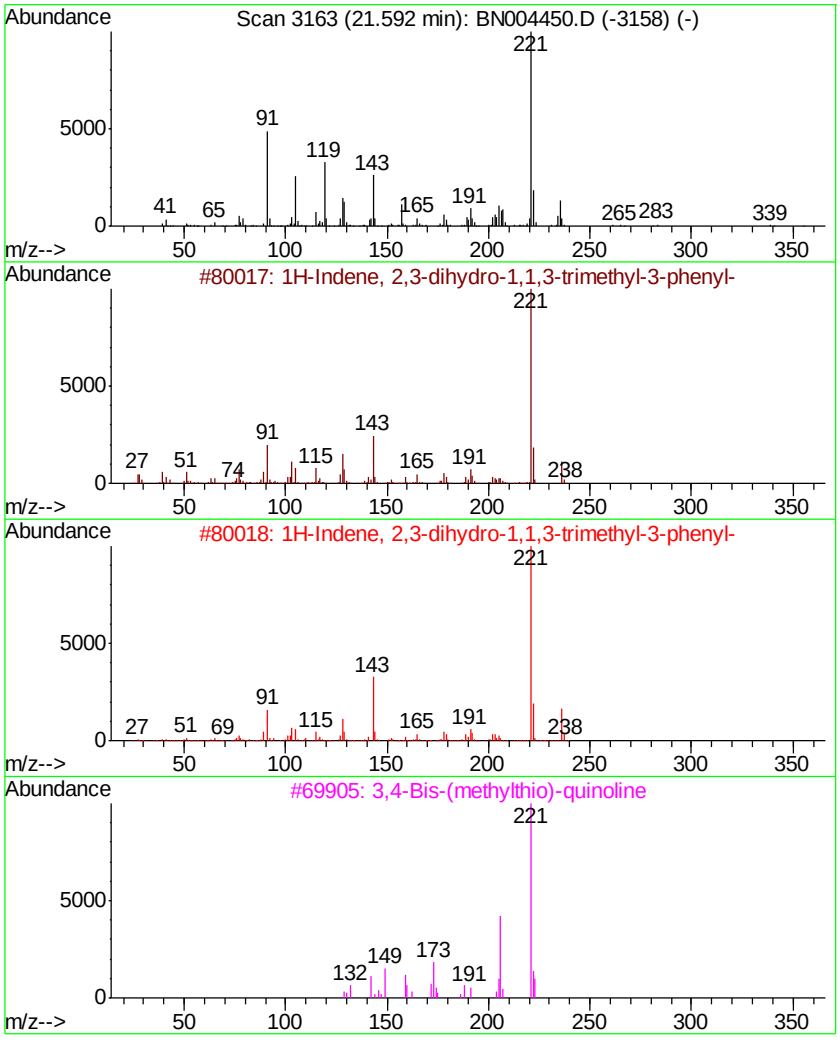
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

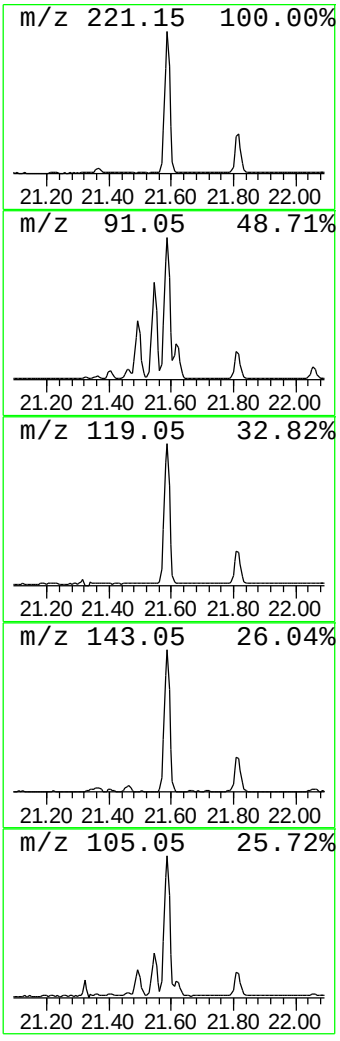
****

Peak Number 6 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	14.05 ng/ul	797476	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	52
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	50
3	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	50
4	Benz[j]isoquinoline, 3,6,8-trime...	221	C16H15N	061171-16-2	46
5	Benzenamine, 5-fluoro-2-(4-fluor...	221	C12H9F2NO	020653-64-9	46





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Instrument : BNA_N
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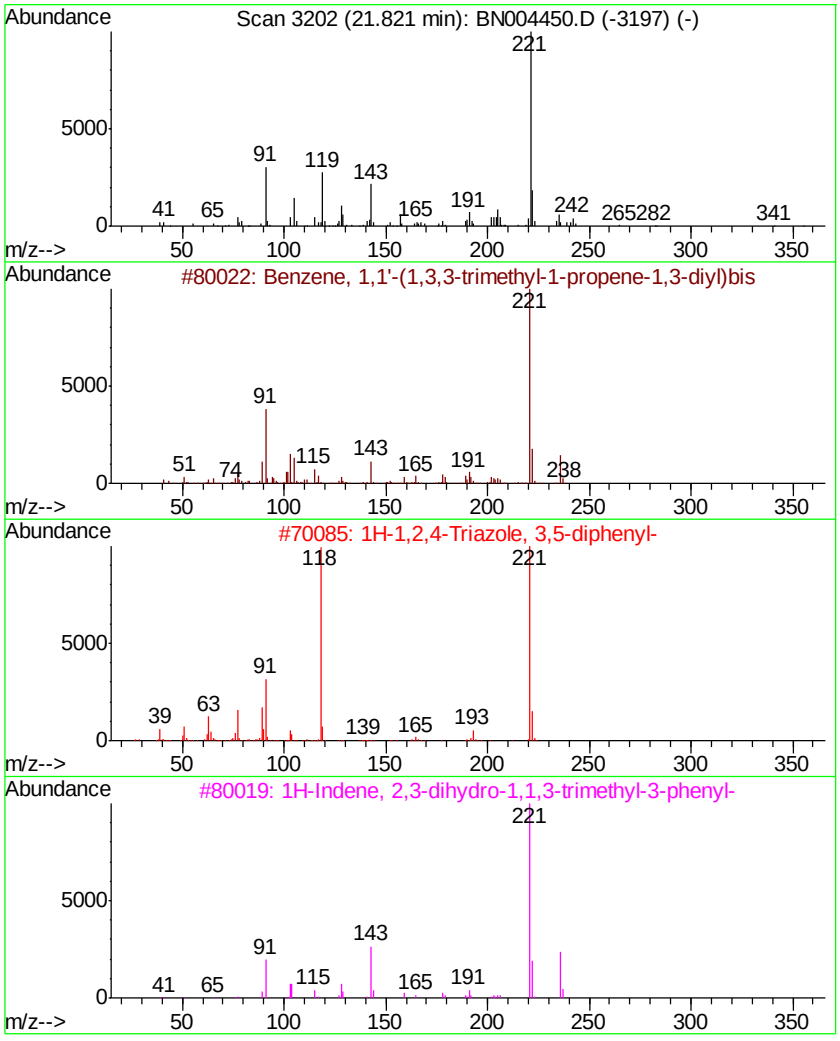
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

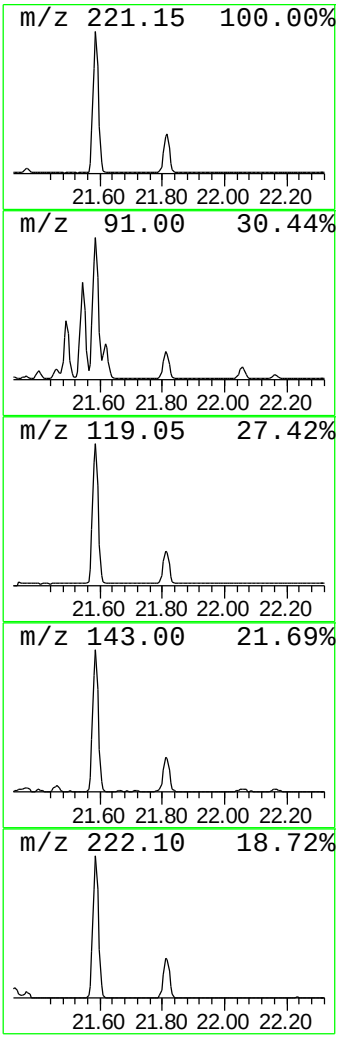
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,1'-(1,3,3-trimet... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	3.02 ng/ul	171422	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3,3-trimethyl-1...	236	C18H20	006258-73-7	50
2	1H-1,2,4-Triazole, 3,5-diphenyl-	221	C14H11N3	002039-06-7	47
3	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	45
4	Oxazole, 2,5-diphenyl-	221	C15H11NO	000092-71-7	43
5	3-Methoxy-5-nitrobenzotrifluoride	221	C8H6F3NO3	000328-79-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021819\
Data File : BN004450.D
Acq On : 18 Feb 2019 19:25
Operator : JU/SJ
Sample : K1491-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB583

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.16	4.4	ng/ul	24867	1	7.75	113197	20.0
(DEL) Alkane: Str...	3.86	4.2	ng/ul	23566	1	7.75	113197	20.0
(DEL) Alkane: Str...	3.96	2.4	ng/ul	13565	1	7.75	113197	20.0
Methadone N-oxide	21.49	3.4	ng/ul	194383	5	21.33	1134870	20.0
1H-Indene, 2,3-di...	21.59	14.1	ng/ul	797476	5	21.33	1134870	20.0
Benzene, 1,1'-(1,...	21.82	3.0	ng/ul	171422	5	21.33	1134870	20.0