LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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_G\METHODS\SOM-EPA-BG102220MA.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	3.391	4	9	18	rVB	443141	517170	42.61%	6.419%
2	3.479	23	24	27	rBV2	1478	1656	0.14%	0.021%
3	3.526	31	32	36	rBV2	1396	1324	0.11%	0.016%
4	3.738	63	68	73	rVB3	12982	19160	1.58%	0.238%
5	3.826	81	83	86	rBV	2168	1722	0.14%	0.021%
6	3.902	94	96	99	rVB	1317	1361	0.11%	0.017%
7	3.926	99	100	103	rBV	1585	1443	0.12%	0.018%
8	4.208	146	148	155	rVB3	2559	4091	0.34%	0.051%
9	4.384	177	178	181	rBV2	1306	1379	0.11%	0.017%
10	5.124	302	304	307	rBV3	1863	2144	0.18%	0.027%
11	5.547	374	376	383	rVB3	1402	1612	0.13%	0.020%
12	5.835	420	425	426	rBV2	1139	1508	0.12%	0.019%
13	6.652	559	564	565	rVB2	1310	1383	0.11%	0.017%
14	7.398	688	691	694	rBV2	1098	1550	0.13%	0.019%
15	7.474	701	704	706	rBV3	1320	1603	0.13%	0.020%
16	8.050	794	802	817	rBV	226889	381542	31.43%	4.736%
17	8.191	822	826	830	rVB2	2314	3097	0.26%	0.038%
18	9.061	972	974	979	rBV2	988	1605	0.13%	0.020%
19	10.271	1177	1180	1183	rVB	1870	2055	0.17%	0.026%
20	10.794	1264	1269	1271	rBV	830	1383	0.11%	0.017%
21	10.864	1274	1281	1293	rBV	274507	499596	41.16%	6.201%
22	11.000	1301	1304	1307	rVB	1587	1368	0.11%	0.017%
23	12.186	1505	1506	1511	rVB2	1472	1654	0.14%	0.021%
24	12.292	1520	1524	1525	rVB2	1289	1396	0.12%	0.017%
25	13.814	1780	1783	1786	rBV2	765	1352	0.11%	0.017%
26	14.684	1924	1931	1941	rBV2	506831	766413	63.14%	9.512%
27	14.783	1947	1948	1955	rVB2	1756	1860	0.15%	0.023%
28	14.936	1972	1974	1977	rVB2	1448	1361	0.11%	0.017%
29	14.989	1981	1983	1988	rVB2	4291	4647	0.38%	0.058%
30	15.224	2020	2023	2025	rBV	1421	1489	0.12%	0.018%
31	15.759	2111	2114	2118	rVB2	1235	1466	0.12%	0.018%
32	15.841	2120	2128	2130	rVV	827	1753	0.14%	0.022%
33	15.982	2149	2152	2155	rBV2	1083	1586	0.13%	0.020%
34	16.229	2191	2194	2201	rVB5	6716	11260	0.93%	0.140%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

35	16.429	2225	2228	2231	rBV2	2758	3262	0.27%	0.040%
36	16.628	2259	2262	2264	rVB	2173	1560	0.13%	0.019%
37	16.669	2264	2269	2271	rBV2	1308	1537	0.13%	0.019%
38	16.734	2275	2280	2282	rBV2	1256	2058	0.17%	0.026%
39	17.175	2352	2355	2359	rBV2	4180	5437	0.45%	0.067%
40	17.216	2359	2362	2367	rVB2	2398	4038	0.33%	0.050%
41	17.333	2379	2382	2386	rBV3	1283	1590	0.13%	0.020%
42	17.427	2391	2398	2407	rBV	632678	953715	78.57%	11.837%
43	17.533	2414	2416	2420	rVB4	3945	3304	0.27%	0.041%
44	17.727	2446	2449	2452	rBV	1207	1354	0.11%	0.017%
45	17.909	2478	2480	2484	rVB3	1561	1555	0.13%	0.019%
46	17.962	2487	2489	2491	rBV	1657	1473	0.12%	0.018%
47	18.033	2496	2501	2504	rBV4	5581	8387	0.69%	0.104%
48	18.080	2507	2509	2512	rVB3	1564	1473	0.12%	0.018%
49	18.150	2519	2521	2526	rVB2	1736	1908	0.16%	0.024%
50	18.279	2541	2543	2544	rBV	2768	2223	0.18%	0.028%
51	18.409	2562	2565	2569	rVB2	1623	2914	0.24%	0.036%
52	18.444	2569	2571	2572	rBV	1578	1440	0.12%	0.018%
53	18.491	2575	2579	2585	rVV2	27554	37955	3.13%	0.471%
54	18.555	2585	2590	2592	rVV4	8793	12021	0.99%	0.149%
55	18.602	2595	2598	2602	rVV3	11900	14918	1.23%	0.185%
56	18.638	2602	2604	2610	rVB2	2524	3346	0.28%	0.042%
57	18.773	2624	2627	2631	rBV3	14426	17376	1.43%	0.216%
58	18.914	2647	2651	2654	rBV3	3177	3802	0.31%	0.047%
59	18.955	2654	2658	2663	rVB4	6031	8098	0.67%	0.101%
60	19.114	2682	2685	2687	rBV2	2305	2950	0.24%	0.037%
61	19.178	2695	2696	2699	rVB4	2418	1862	0.15%	0.023%
62	19.231	2703	2705	2707	rVV2	6095	4354	0.36%	0.054%
63	19.308	2714	2718	2719	rBV3	16269	18122	1.49%	0.225%
64	19.331	2719	2722	2728	rVB4	42866	63511	5.23%	0.788%
65	19.419	2731	2737	2741	rBV6	5571	9847	0.81%	0.122%
66	19.531	2752	2756	2760	rBV6	8952	16440	1.35%	0.204%
67	19.613	2766	2770	2774	rVB	73519	94477	7.78%	1.173%
68	19.678	2777	2781	2784	rBV2	25980	33382	2.75%	0.414%
69	19.719	2784	2788	2793	rVB	235410	273786	22.56%	3.398%
70	19.801	2798	2802	2805	rVV	38113	45658	3.76%	0.567%
71	19.836	2805	2808	2811	rVV	36800	40248	3.32%	0.500%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

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_G\METHODS\SOM-EPA-BG102220MA.M
Title : SVOA CALIBRATION

72	19.872	2811	2814	2820	rVB5	19411	28862	2.38%	0.358%
73	19.954	2824	2828	2832	rVV5	30397	39922	3.29%	0.495%
74	20.001	2834	2836	2839	rVV3	11036	10079	0.83%	0.125%
75	20.054	2841	2845	2851	rVB	69161	94270	7.77%	1.170%
76	20.177	2864	2866	2867	rBV2	5288	4329	0.36%	0.054%
77	20.330	2885	2892	2895	rBV3	52065	90738	7.48%	1.126%
78	20.371	2895	2899	2905	rVB	61458	82608	6.81%	1.025%
79	20.594	2933	2937	2942	rBV4	38841	45355	3.74%	0.563%
80	20.647	2943	2946	2948	rVV4	18400	24176	1.99%	0.300%
81	20.671	2948	2950	2956	rVB3	32457	39344	3.24%	0.488%
82	20.759	2961	2965	2971	rVV	234424	255386	21.04%	3.170%
83	20.823	2973	2976	2980	rVV	87772	103659	8.54%	1.287%
84	20.859	2980	2982	2985	rVV4	20068	23912	1.97%	0.297%
85	20.912	2985	2991	3001	rVB6	47233	99736	8.22%	1.238%
86	21.329	3058	3062	3066	rBV	70223	86632	7.14%	1.075%
87	21.693	3117	3124	3133	rBV2	671819	1123686	92.57%	13.947%
88	21.881	3150	3156	3160	rBV	97993	146778	12.09%	1.822%
89	21.922	3160	3163	3168	rVB4	30972	43742	3.60%	0.543%
90	22.492	3255	3260	3266	rVB	72760	113202	9.33%	1.405%
91	23.185	3373	3378	3386	rVB2	82163	150514	12.40%	1.868%
92	23.990	3509	3515	3525	rVB2	78685	157588	12.98%	1.956%
93	24.930	3665	3675	3687	rVB	428060	1213830	100.00%	15.066%
94	26.076	3864	3870	3878	rVB3	52273	131228	10.81%	1.629%

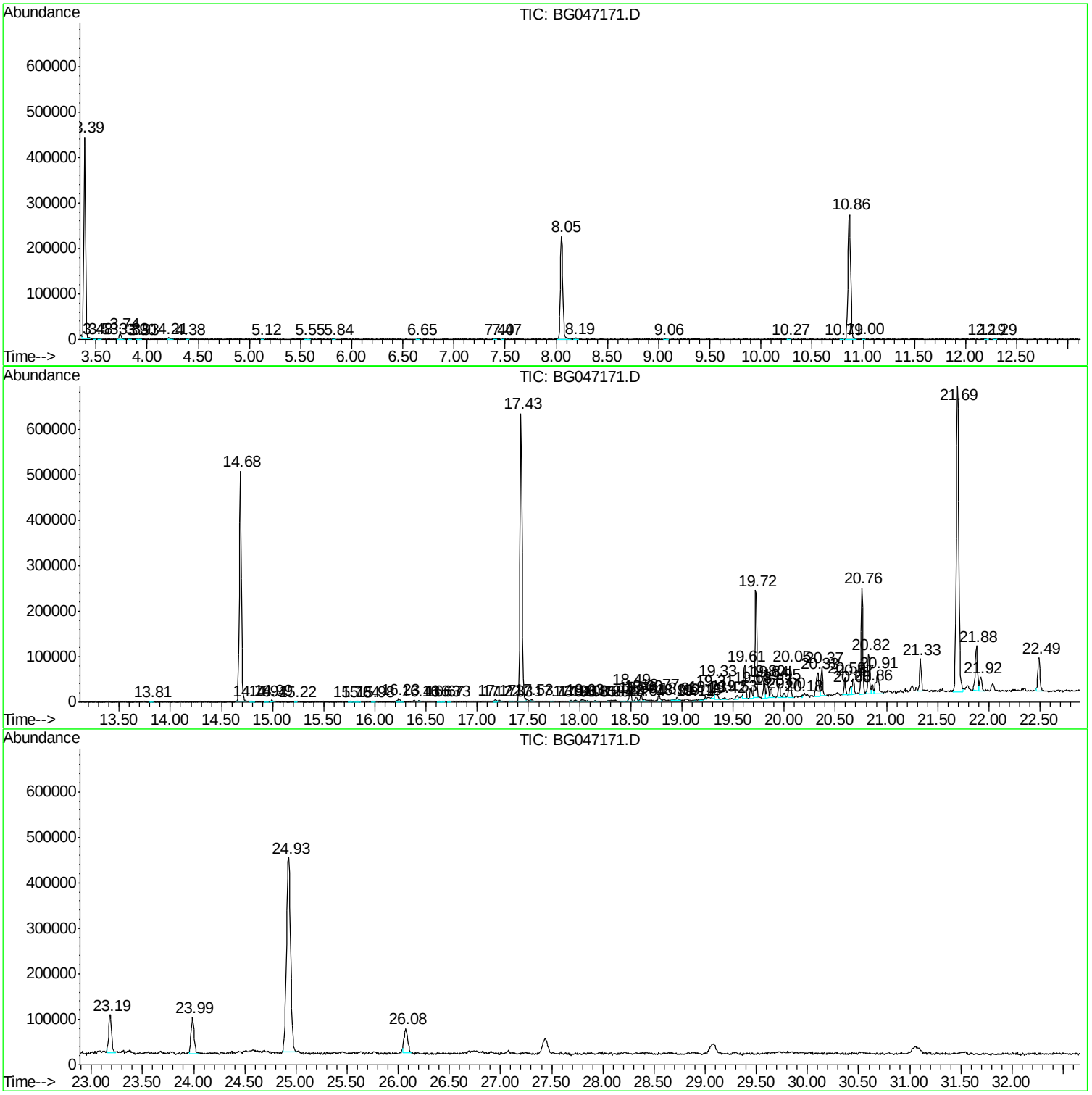
Sum of corrected areas: 8056946

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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 G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

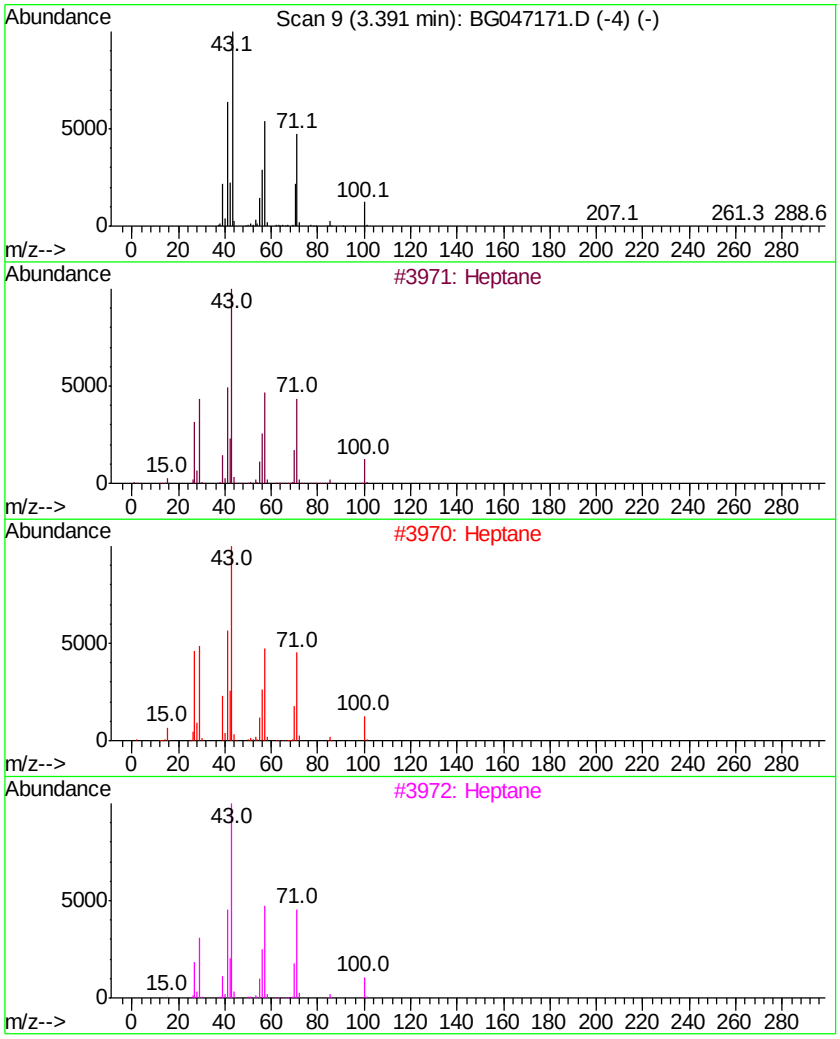
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

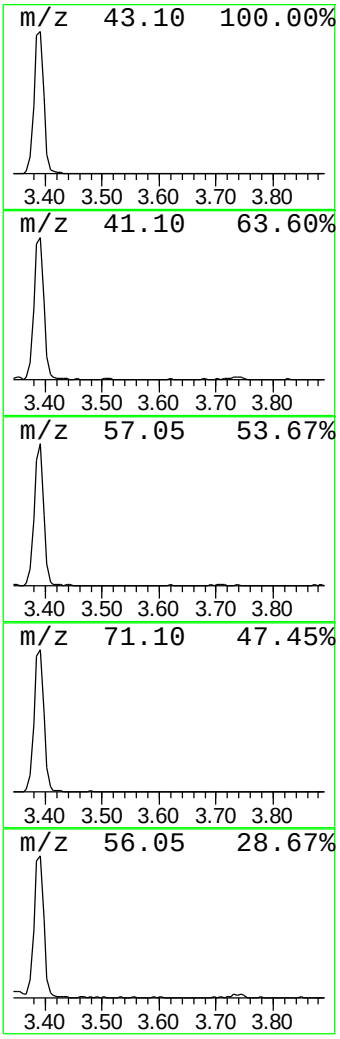
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	27.11 ng/ul	517170	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	94
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	83
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

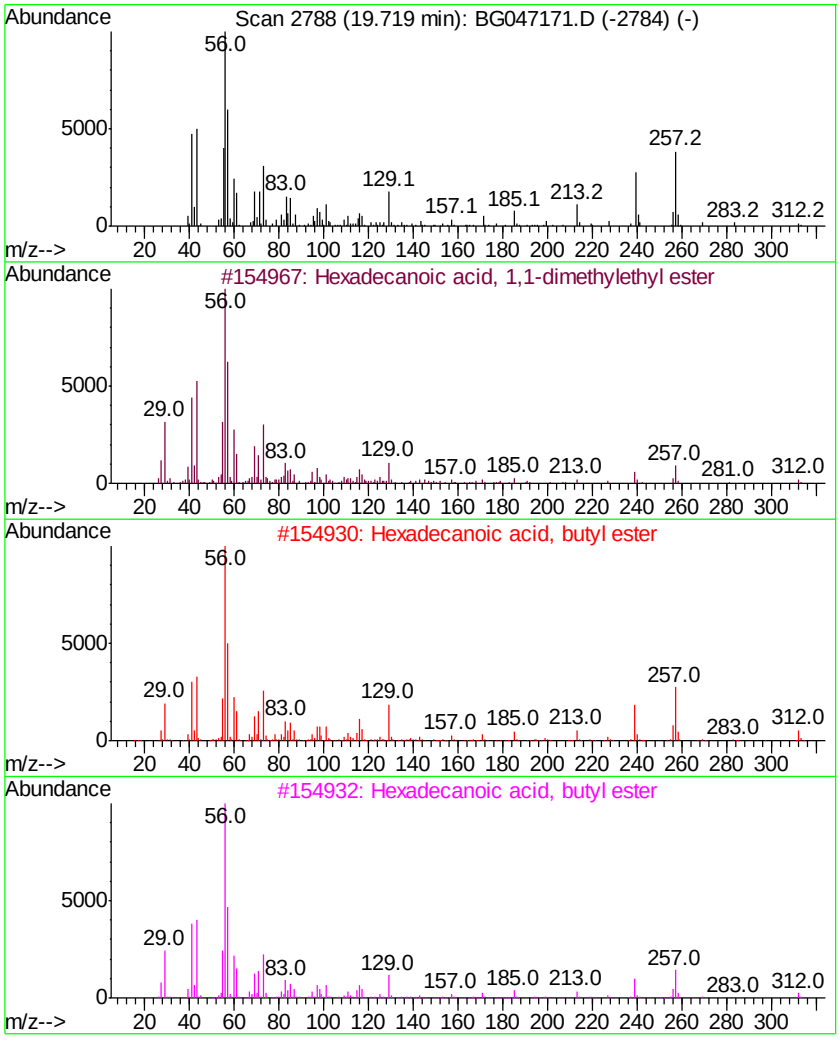
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

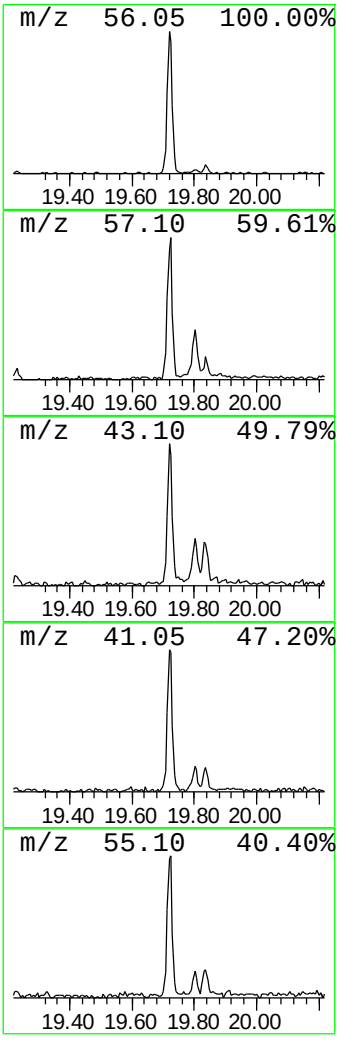
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexadecanoic acid, 1,1-dime... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.87 ng/ul	273786	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	68
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

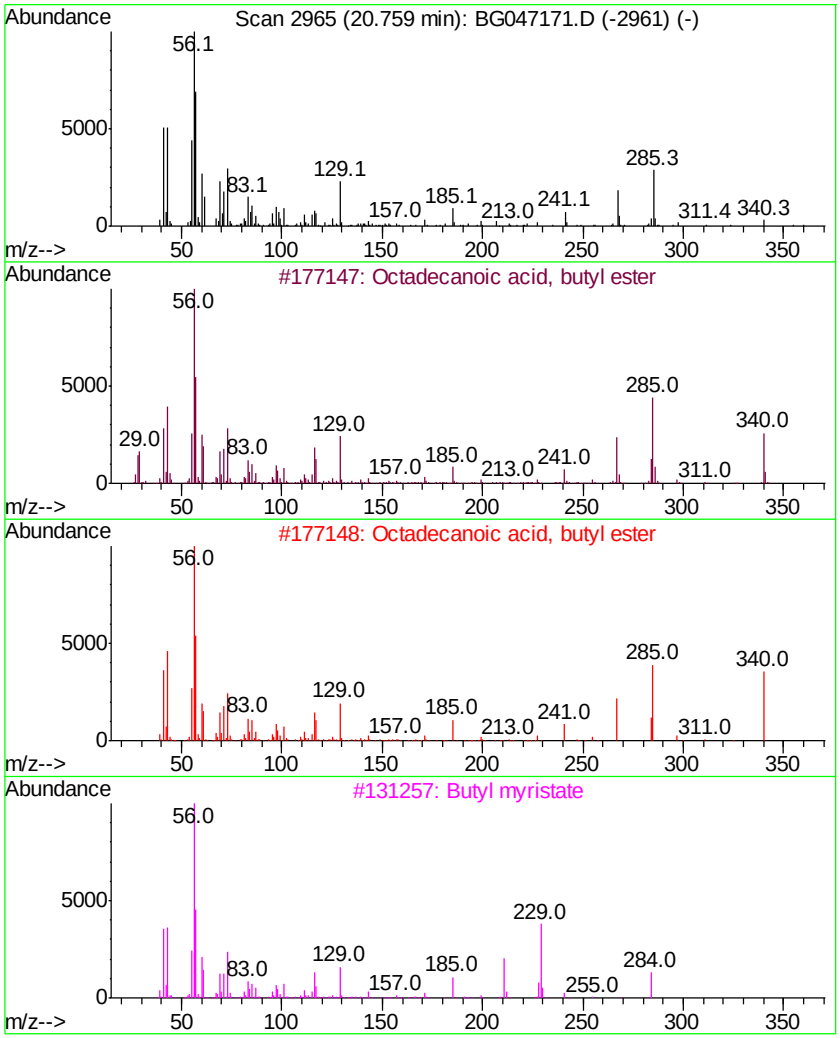
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

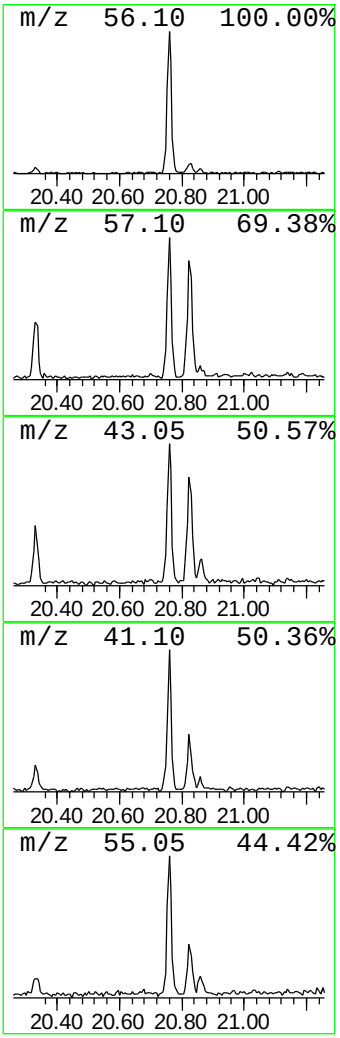
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.55 ng/ul	255386	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
2	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	80
3	Butyl myristate	284	C18H36O2	000110-36-1	58
4	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	41
5	trans-2-Aminocyclohexanol	115	C6H13NO	006982-39-4	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

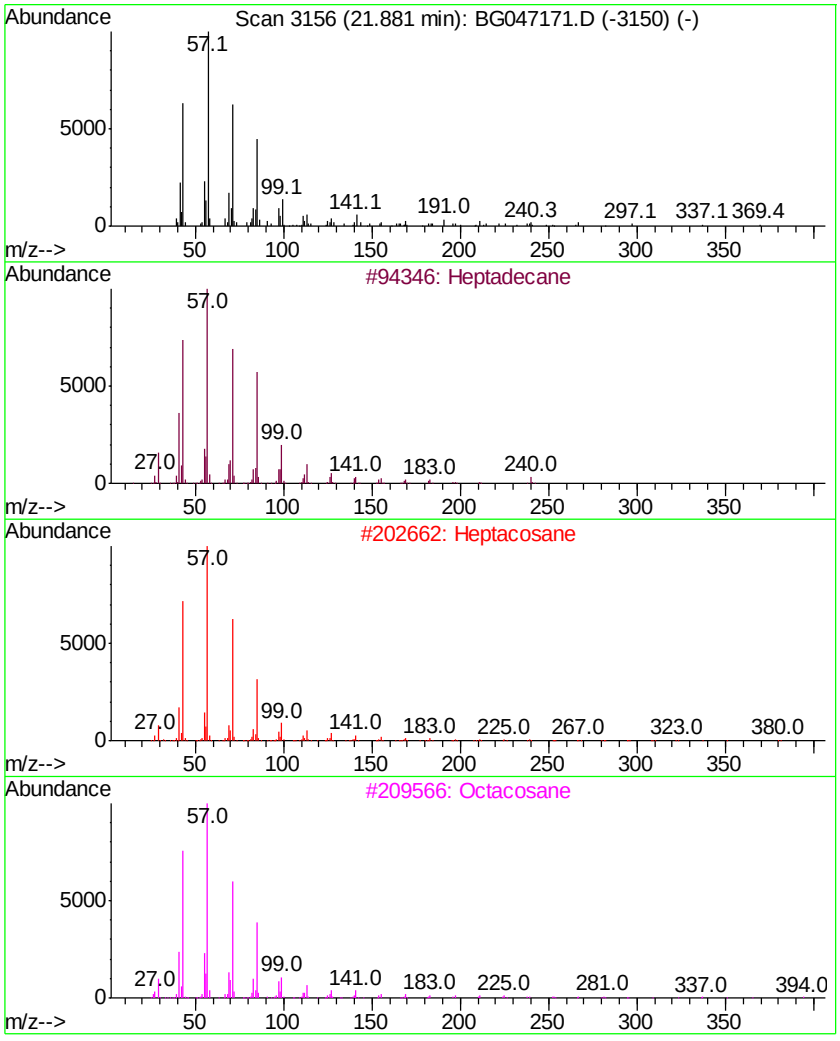
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

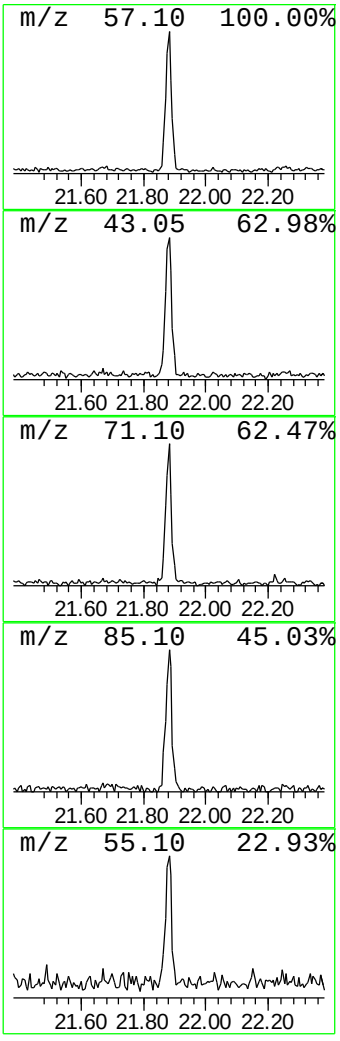
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.88	2.61 ng/ul	146778	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	92
2	Heptacosane	380	C27H56	000593-49-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

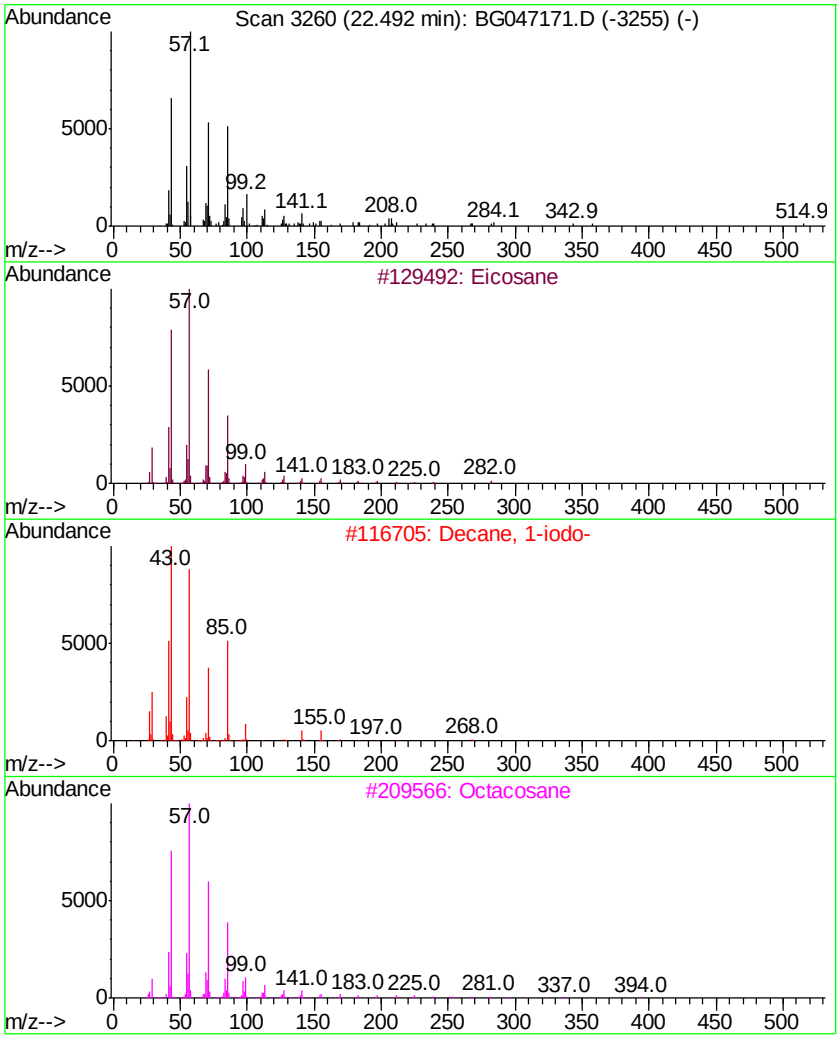
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

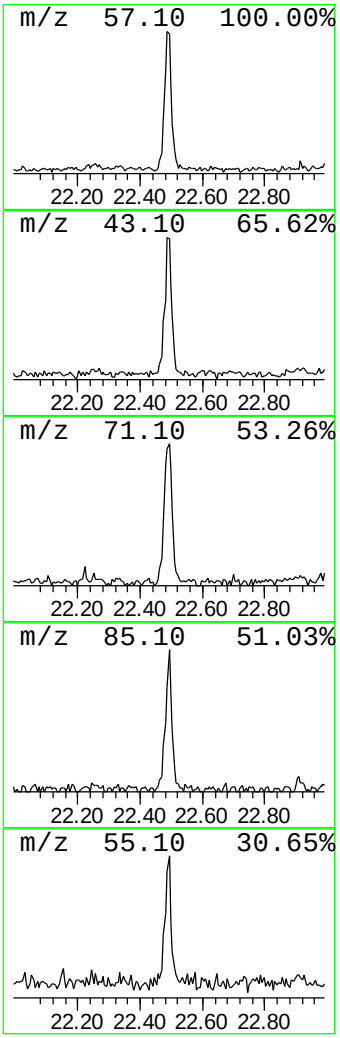
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.01 ng/ul	113202	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	72
3	Octacosane	394	C28H58	000630-02-4	70
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	64
5	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0BL9

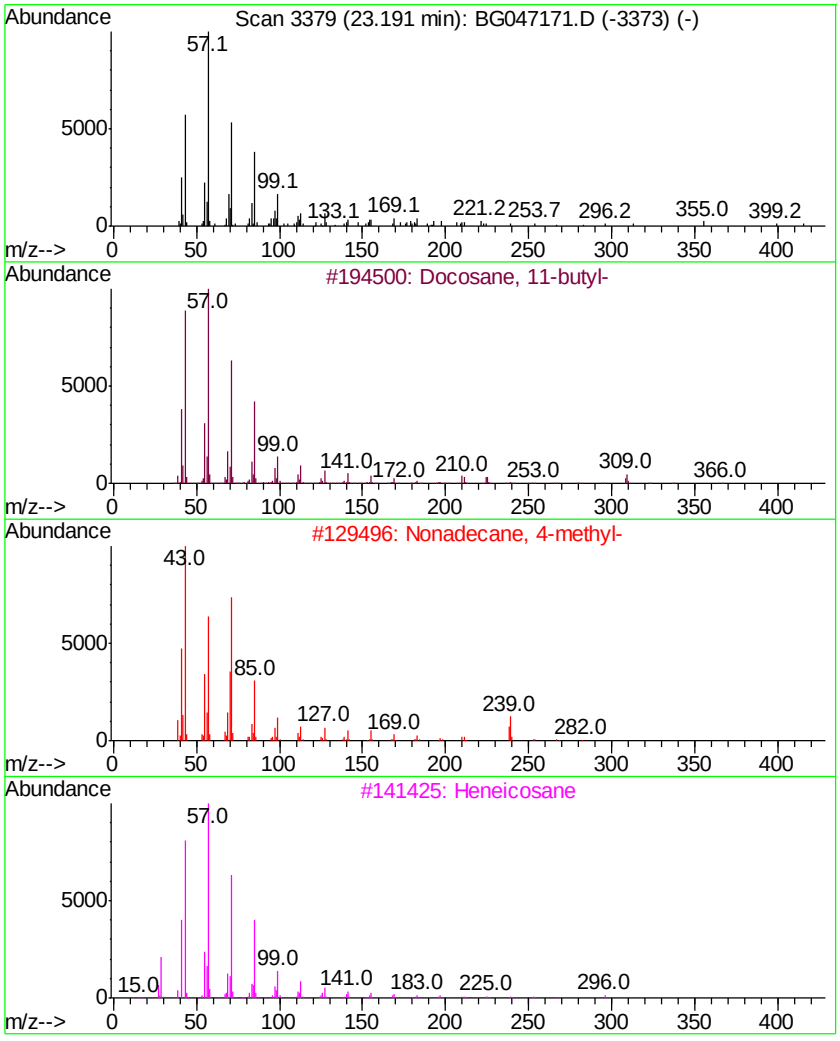
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

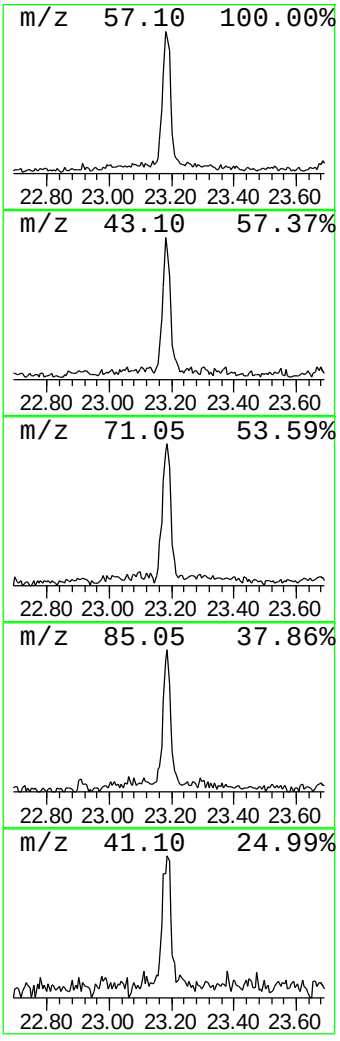
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.19	2.68 ng/ul	150514	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
2	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	83
3	Heneicosane	296	C21H44	000629-94-7	80
4	Docosane	310	C22H46	000629-97-0	80
5	Tetracosane	338	C24H50	000646-31-1	80





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Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

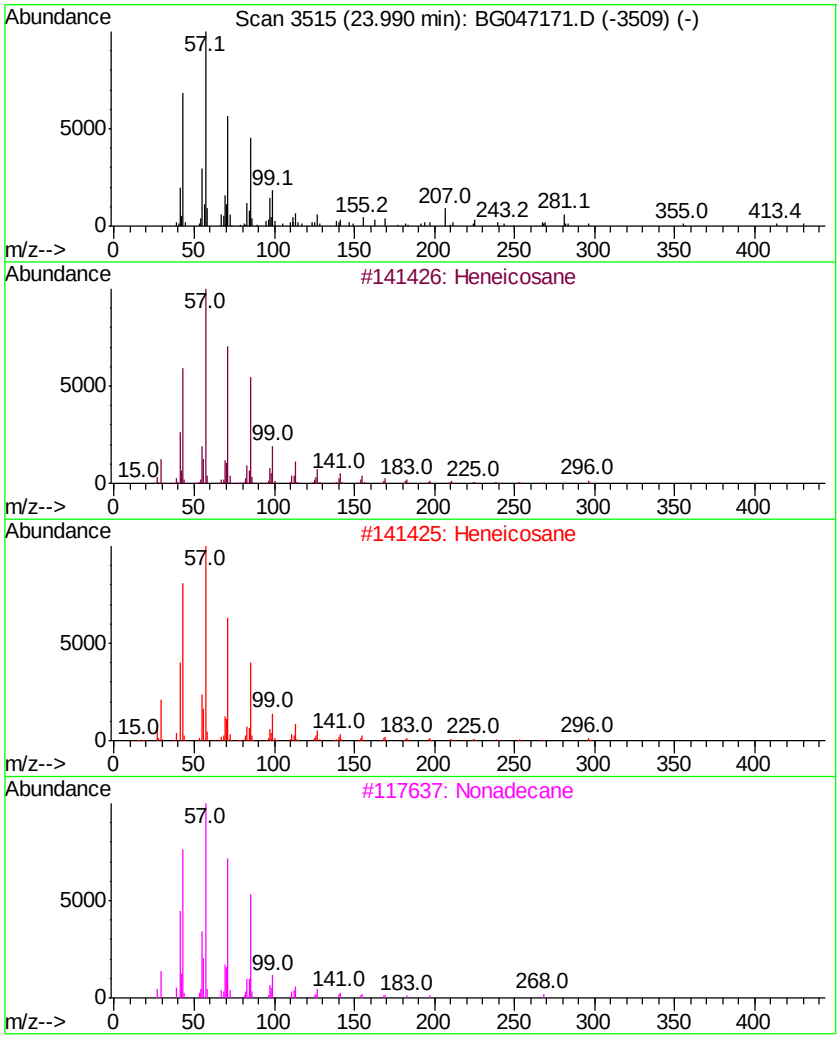
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

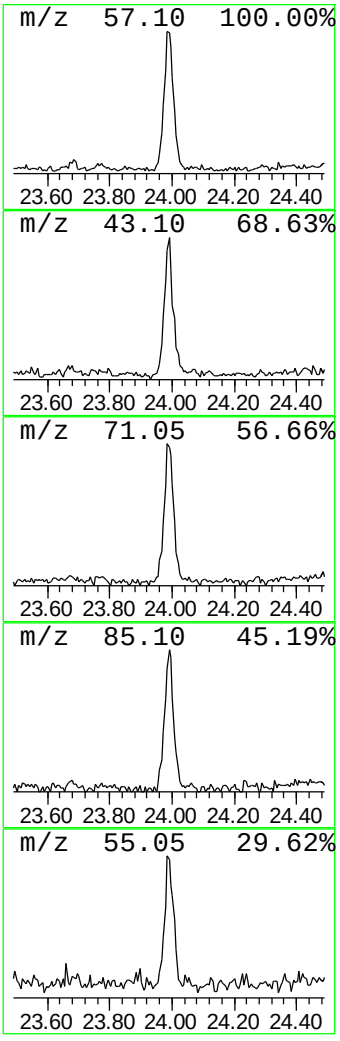
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.60 ng/ul	157588	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Heneicosane	296	C21H44	000629-94-7	90
3	Nonadecane	268	C19H40	000629-92-5	89
4	Octacosane	394	C28H58	000630-02-4	83
5	Hexacosane	366	C26H54	000630-01-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

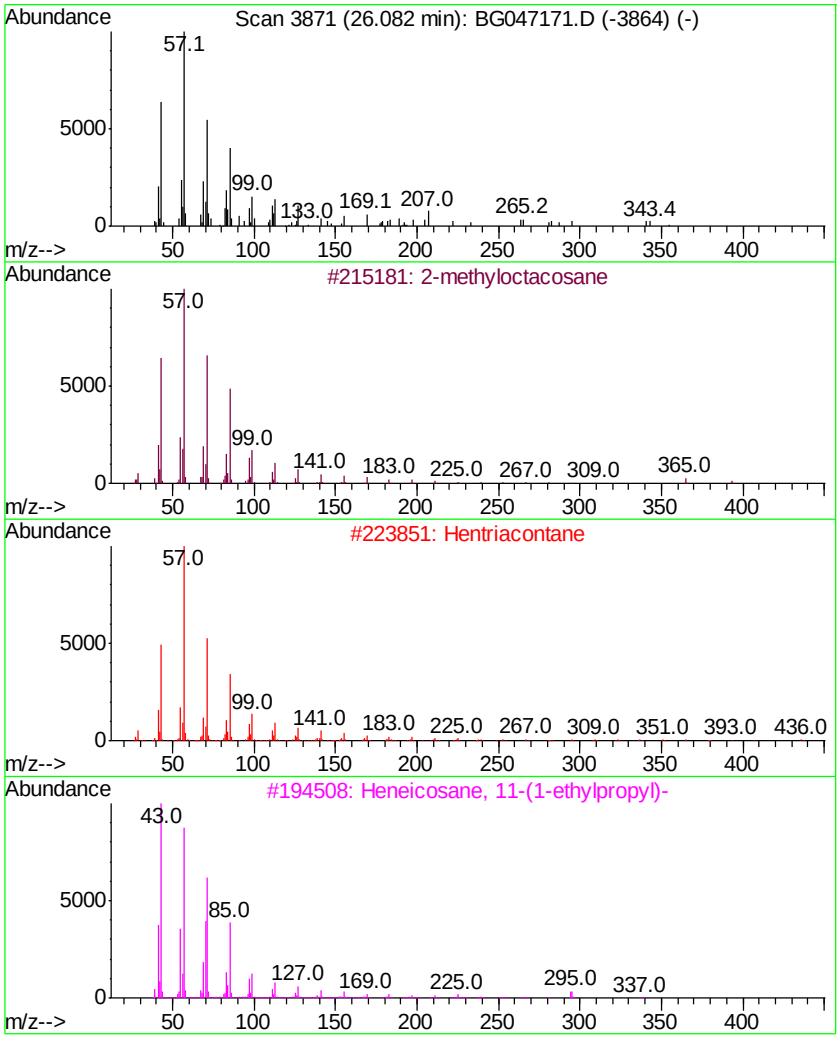
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

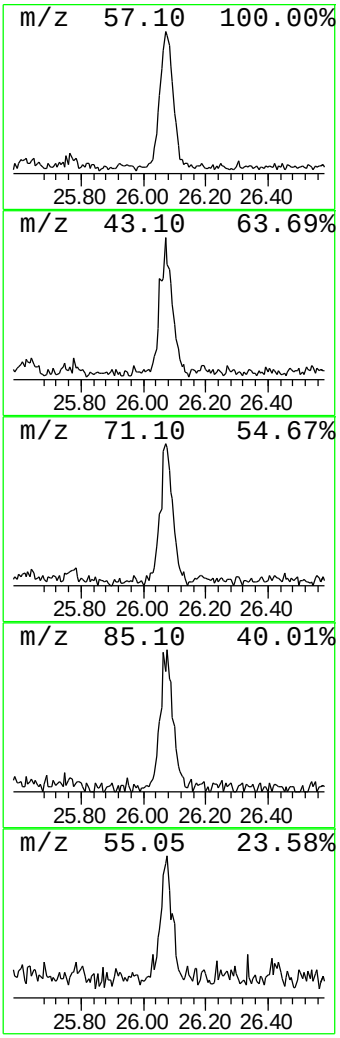
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	2.16 ng/ul	131228	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hentriacontane	437	C31H64	000630-04-6	86
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047171.D
Acq On : 31 Oct 2020 2:20
Operator : CG/JU
Sample : L4507-06
Misc : GCMS CONFIRMATION
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0BL9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
(DEL) Alkane: Str...	3.39	27.1	ng/ul	517170	1	8.05	381542	20.0
Hexadecanoic acid...	19.72	4.9	ng/ul	273786	5	21.69	1123690	20.0
Octadecanoic acid...	20.76	4.5	ng/ul	255386	5	21.69	1123690	20.0
(DEL) Alkane: Str...	21.88	2.6	ng/ul	146778	5	21.69	1123690	20.0
(DEL) Alkane: Str...	22.49	2.0	ng/ul	113202	5	21.69	1123690	20.0
(DEL) Alkane: Str...	23.19	2.7	ng/ul	150514	5	21.69	1123690	20.0
(DEL) Alkane: Str...	23.99	2.6	ng/ul	157588	6	24.92	1213830	20.0
(DEL) Alkane: Str...	26.08	2.2	ng/ul	131228	6	24.92	1213830	20.0