LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050004.D
Acq On : 27 Aug 2021 18:49
Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

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\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

Signal : TIC: BG050004.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.327	47	49	53	rBV5	4433	5355	0.26%	0.026%
2	3.768	121	124	131	rBV2	16662	32633	1.58%	0.158%
3	4.097	176	180	183	rVB3	2947	2613	0.13%	0.013%
4	4.426	231	236	245	rBV	42907	74403	3.60%	0.359%
5	5.036	335	340	347	rBV	24747	43068	2.09%	0.208%
6	6.399	570	572	577	rVB	1313	2231	0.11%	0.011%
7	7.098	684	691	696	rBV	230468	432907	20.97%	2.091%
8	7.286	717	723	733	rVB	51713	91054	4.41%	0.440%
9	7.533	753	765	777	rVB2	182176	466531	22.60%	2.254%
10	7.968	832	839	847	rVB2	94504	163538	7.92%	0.790%
11	8.690	955	962	967	rBV	96074	169896	8.23%	0.821%
12	8.749	967	972	975	rVV2	90199	161186	7.81%	0.779%
13	8.796	975	980	991	rVB	214166	376027	18.21%	1.816%
14	9.055	1016	1024	1032	rBV	152493	268255	12.99%	1.296%
15	9.137	1032	1038	1049	rVB	78755	145458	7.05%	0.703%
16	9.530	1102	1105	1108	rVB3	2379	2584	0.13%	0.012%
17	9.865	1156	1162	1172	rBV2	73191	136782	6.63%	0.661%
18	10.441	1249	1260	1273	rBV3	259755	643578	31.17%	3.109%
19	10.788	1309	1319	1323	rBV	129504	243122	11.78%	1.174%
20	10.840	1323	1328	1336	rVV	303916	537378	26.03%	2.596%
21	10.929	1336	1343	1356	rVB2	79711	151869	7.36%	0.734%
22	11.704	1468	1475	1488	rBV	50571	117591	5.70%	0.568%
23	12.309	1571	1578	1583	rBV3	5043	9163	0.44%	0.044%
24	12.450	1593	1602	1614	rBV	419487	690314	33.44%	3.335%
25	12.661	1634	1638	1646	rVB3	3705	6959	0.34%	0.034%
26	13.108	1709	1714	1719	rBV3	9584	15590	0.76%	0.075%
27	13.443	1766	1771	1775	rBV4	6809	12503	0.61%	0.060%
28	13.502	1775	1781	1789	rVB	460183	714899	34.63%	3.453%
29	14.024	1863	1870	1875	rBV	214902	317558	15.38%	1.534%
30	14.071	1875	1878	1885	rVB2	16108	25394	1.23%	0.123%
31	14.318	1910	1920	1928	rBV	215645	348874	16.90%	1.685%
32	14.629	1966	1973	1978	rBV	205012	324509	15.72%	1.568%
33	14.688	1978	1983	1990	rVB	292052	465283	22.54%	2.248%
34	14.853	2006	2011	2023	rBV2	67993	141324	6.85%	0.683%
35	15.005	2033	2037	2044	rVB3	2031	3570	0.17%	0.017%
36	15.246	2073	2078	2079	rBV	2234	2219	0.11%	0.011%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

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\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

37	15.417	2101	2107	2108	rBV4	2793	3597	0.17%	0.017%
38	15.464	2112	2115	2118	rVB3	4846	5007	0.24%	0.024%
39	15.622	2135	2142	2147	rBV	296736	456691	22.12%	2.206%
40	15.675	2147	2151	2157	rVV	372750	551251	26.70%	2.663%
41	15.769	2159	2167	2178	rVV3	358669	639102	30.96%	3.087%
42	15.851	2178	2181	2182	rVV3	4057	5610	0.27%	0.027%
43	15.863	2182	2183	2188	rVV3	5745	5602	0.27%	0.027%
44	15.904	2188	2190	2193	rVV	1604	2238	0.11%	0.011%
45	15.969	2197	2201	2207	rVB2	2697	4462	0.22%	0.022%
46	16.292	2254	2256	2259	rBV2	2244	2223	0.11%	0.011%
47	16.597	2304	2308	2313	rBV2	4900	6673	0.32%	0.032%
48	16.738	2328	2332	2335	rBV3	1696	3087	0.15%	0.015%
49	16.774	2335	2338	2342	rVV2	4009	6231	0.30%	0.030%
50	16.832	2342	2348	2358	rVB2	508159	700127	33.91%	3.382%
51	17.102	2389	2394	2402	rVB5	2476	6033	0.29%	0.029%
52	17.179	2402	2407	2408	rVV3	2878	4713	0.23%	0.023%
53	17.197	2408	2410	2415	rVB	9393	11211	0.54%	0.054%
54	17.273	2420	2423	2428	rVB2	4340	5798	0.28%	0.028%
55	17.379	2435	2441	2445	rBV	253956	412212	19.97%	1.991%
56	17.426	2445	2449	2454	rVV	606522	873029	42.29%	4.217%
57	17.478	2454	2458	2468	rVB	337043	502816	24.36%	2.429%
58	17.649	2485	2487	2489	rBV2	3295	3195	0.15%	0.015%
59	17.790	2504	2511	2518	rBV	733604	1059695	51.33%	5.119%
60	17.907	2527	2531	2535	rBV4	2602	5327	0.26%	0.026%
61	18.025	2548	2551	2556	rVB3	11261	14179	0.69%	0.068%
62	18.078	2558	2560	2565	rVB3	2846	3942	0.19%	0.019%
63	18.330	2595	2603	2608	rBV	12925	19323	0.94%	0.093%
64	18.548	2636	2640	2643	rBV4	2174	3761	0.18%	0.018%
65	18.600	2645	2649	2653	rVB4	4933	8402	0.41%	0.041%
66	18.647	2653	2657	2658	rBV3	2143	2950	0.14%	0.014%
67	18.677	2660	2662	2667	rVB4	2372	3169	0.15%	0.015%
68	18.753	2672	2675	2681	rVB3	7922	12300	0.60%	0.059%
69	18.853	2686	2692	2696	rVB4	3895	7487	0.36%	0.036%
70	18.882	2696	2697	2700	rBV3	3351	3207	0.16%	0.015%
71	18.953	2705	2709	2712	rVB5	1827	2495	0.12%	0.012%
72	18.988	2712	2715	2716	rBV3	2288	2248	0.11%	0.011%
73	19.018	2716	2720	2725	rVV	58530	73112	3.54%	0.353%
74	19.065	2725	2728	2730	rVV3	3550	4247	0.21%	0.021%
75	19.106	2731	2735	2739	rVV3	12958	19547	0.95%	0.094%
76	19.176	2743	2747	2752	rVB4	6807	11275	0.55%	0.054%

LSC Area Percent Report

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Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Title : SVOA CALIBRATION

77	19.652	2825	2828	2831	rBV2	17446	20007	0.97%	0.097%
78	19.769	2842	2848	2850	rBV	416949	594664	28.81%	2.873%
79	19.799	2850	2853	2860	rVB	782204	1093282	52.96%	5.281%
80	19.940	2875	2877	2880	rBV3	2237	2167	0.10%	0.010%
81	20.087	2900	2902	2903	rBV2	3069	2205	0.11%	0.011%
82	20.181	2916	2918	2923	rVB6	7637	9304	0.45%	0.045%
83	20.239	2926	2928	2929	rBV2	3909	2285	0.11%	0.011%
84	20.398	2950	2955	2957	rBV6	4894	8598	0.42%	0.042%
85	20.674	2996	3002	3007	rBV	674852	802868	38.89%	3.878%
86	20.774	3017	3019	3022	rBV4	5498	7408	0.36%	0.036%
87	20.868	3031	3035	3040	rBV	66563	87778	4.25%	0.424%
88	21.291	3102	3107	3117	rBV9	37263	117799	5.71%	0.569%
89	21.526	3141	3147	3153	rVB	578932	790660	38.30%	3.819%
90	21.655	3163	3169	3176	rVB	237018	383664	18.58%	1.853%
91	24.657	3671	3680	3689	rVB	205498	549780	26.63%	2.656%
92	24.880	3708	3718	3729	rVB2	155085	442248	21.42%	2.136%
93	25.996	3901	3908	3920	rVB4	28310	79020	3.83%	0.382%
94	28.622	4330	4355	4371	rBV2	332876	2064433	100.00%	9.973%
95	28.798	4383	4385	4386	rVB2	5555	2528	0.12%	0.012%
96	29.732	4530	4544	4561	rVB	169795	826232	40.02%	3.991%

Sum of corrected areas: 20700722

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Data File : BG050004.D
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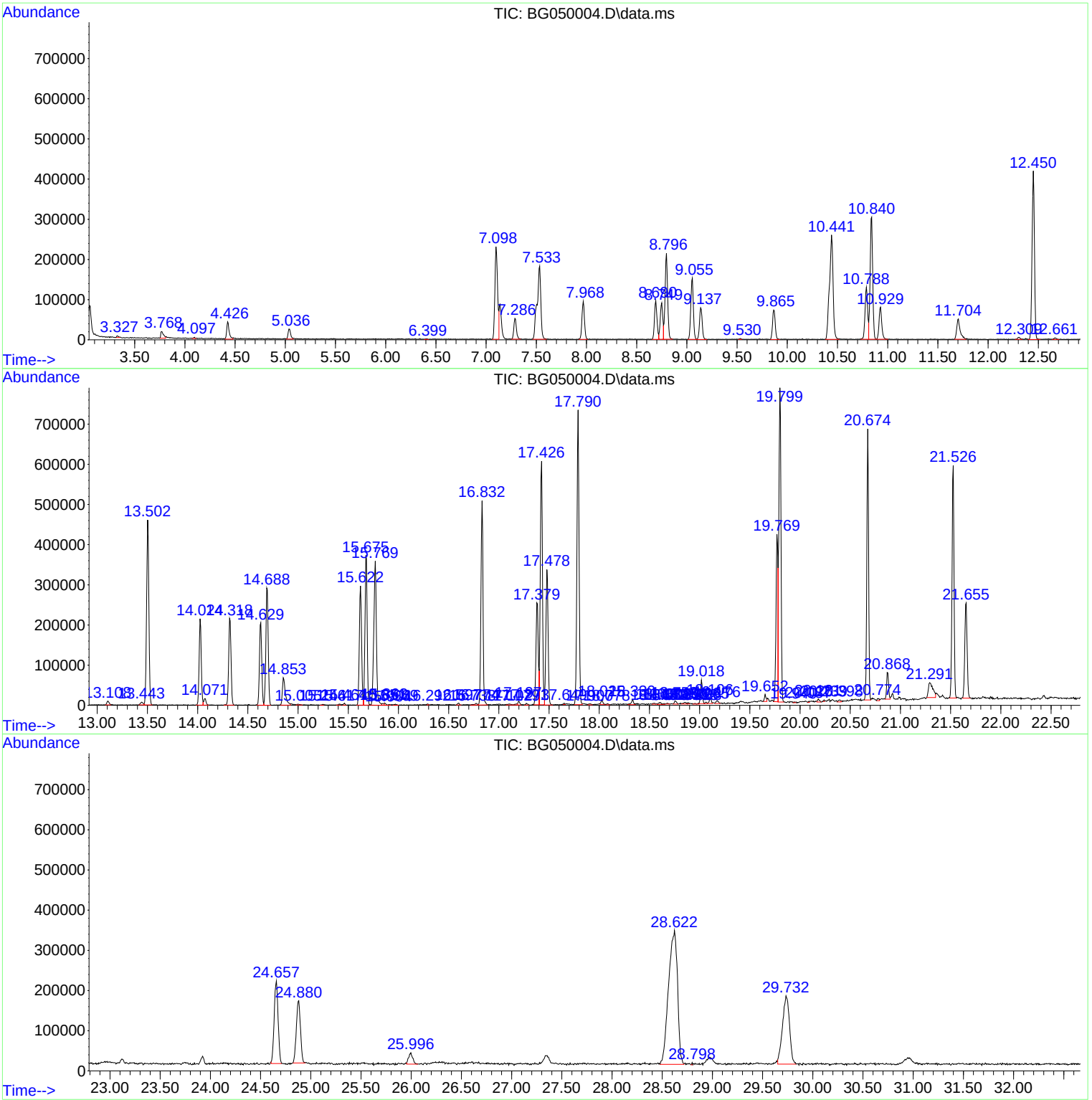
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X3629

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
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Instrument : BNA_G
ClientSampleId : X3629

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Quant Title : SVOA CALIBRATION

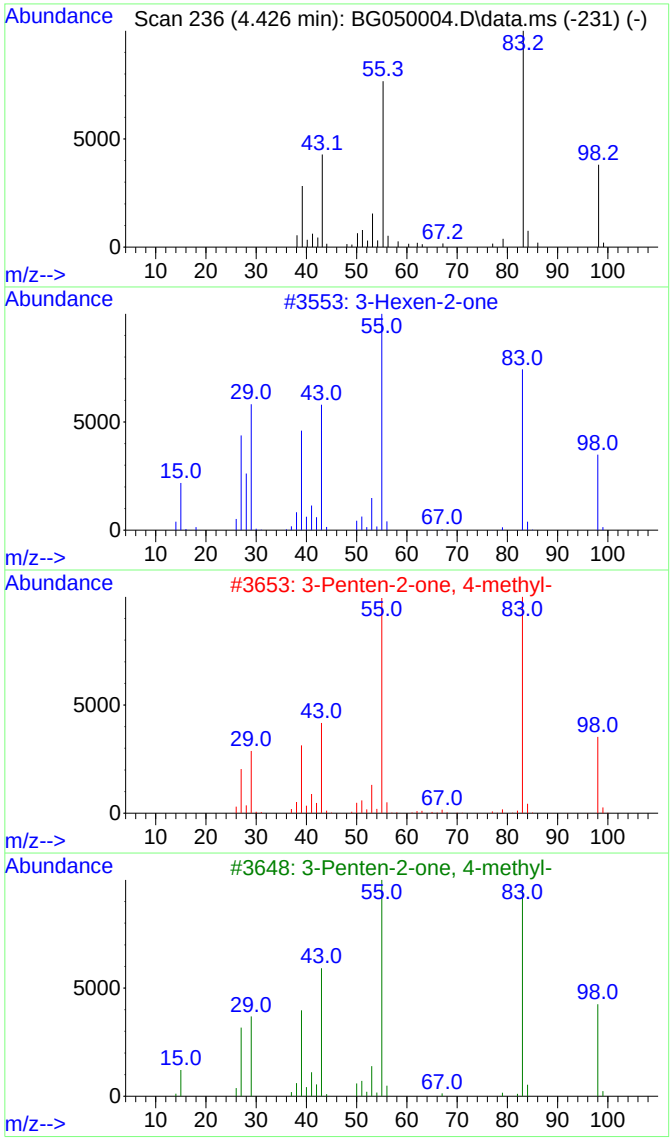
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

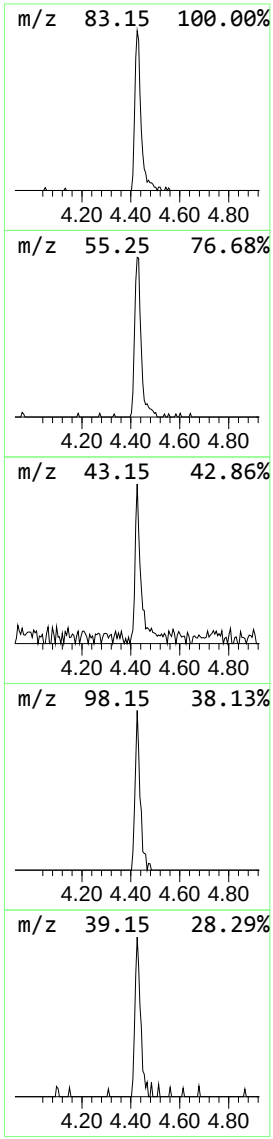
****

Peak Number 1 3-Hexen-2-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.426	9.10 ng/ul	74403	1,4-Dichlorobenzene-d4	7.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	90
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050004.D
Acq On : 27 Aug 2021 18:49
Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

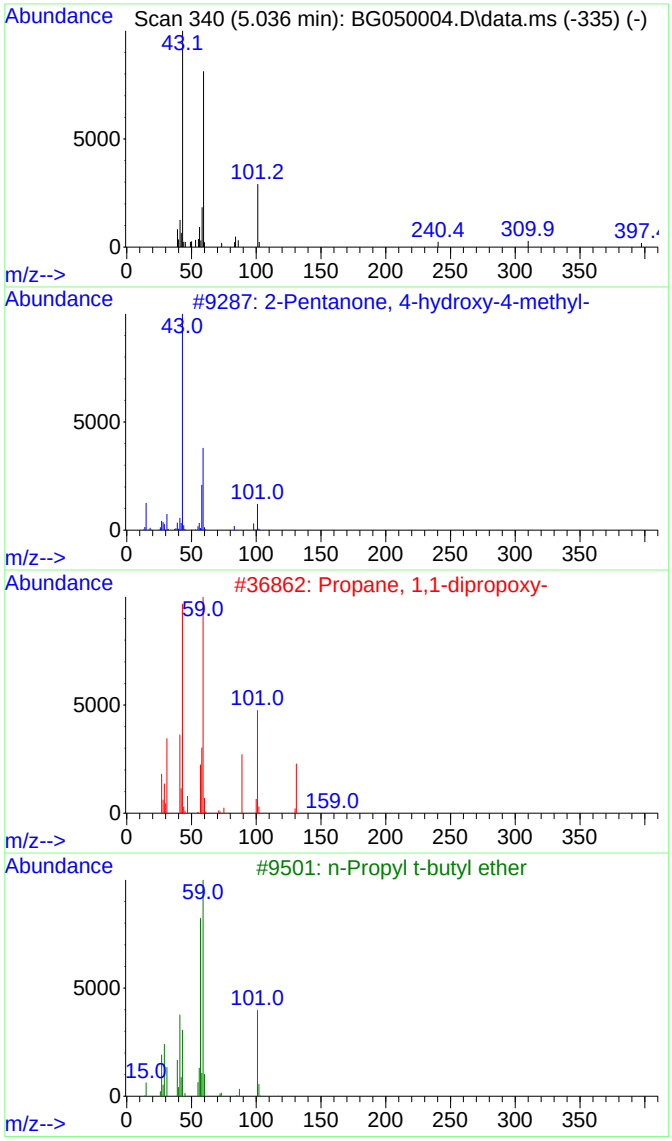
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

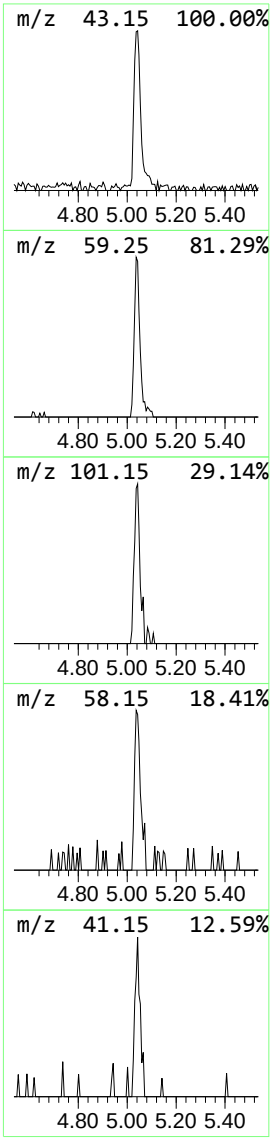
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.036	5.27 ng/ul	43068	1,4-Dichlorobenzene-d4	7.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	38
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	38
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	37
5	1-Butanol, 3-methoxy-	104	C5H12O2	002517-43-3	37





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

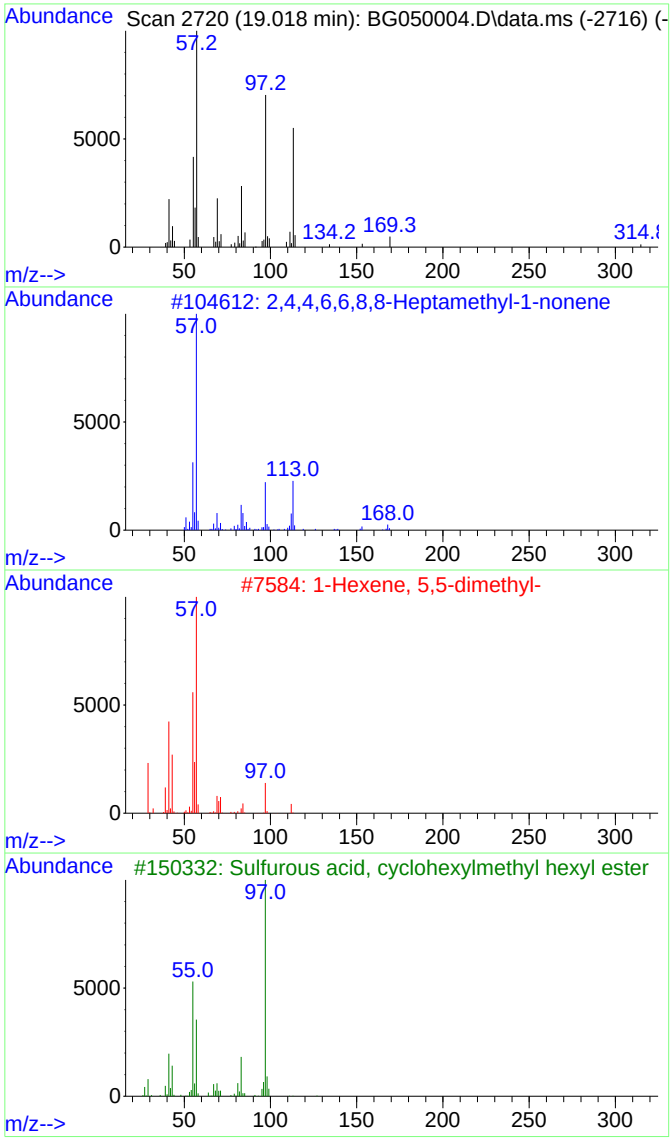
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

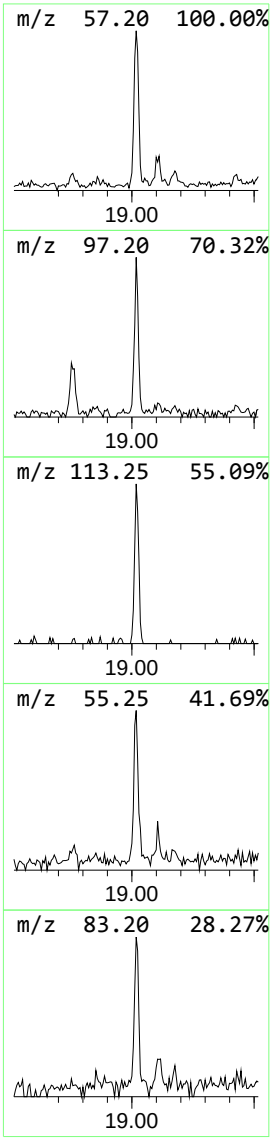
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.018	3.55 ng/ul	73112	Phenanthrene-d10	17.379

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	72
2	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	35
3	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1010309-21-6	35
4	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	35
5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	25





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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

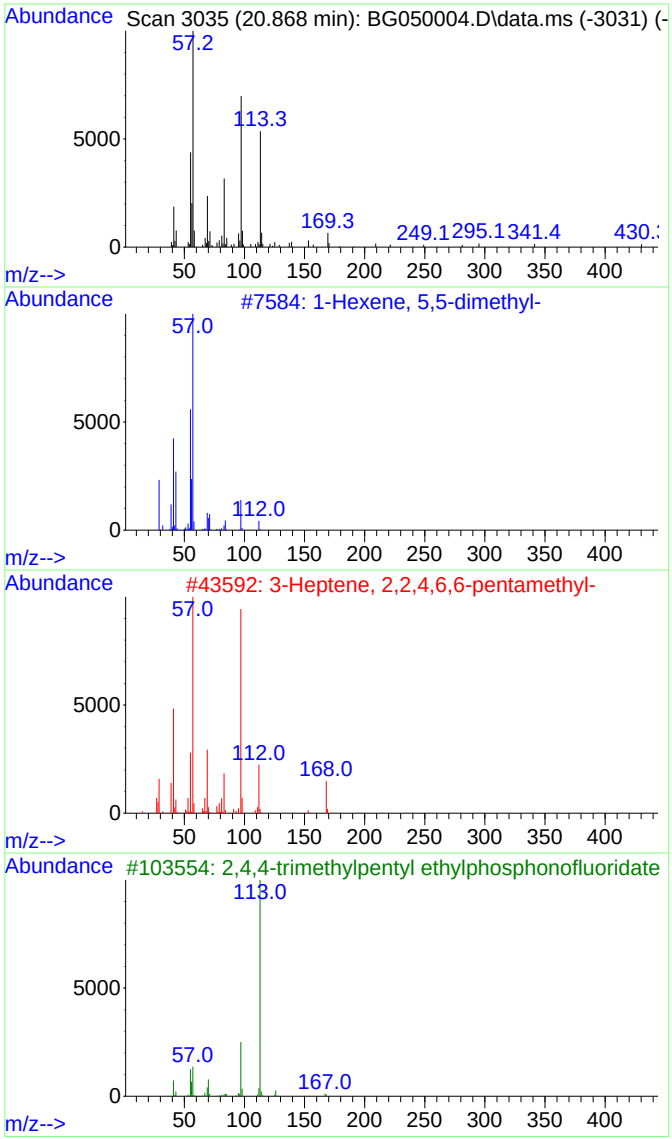
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

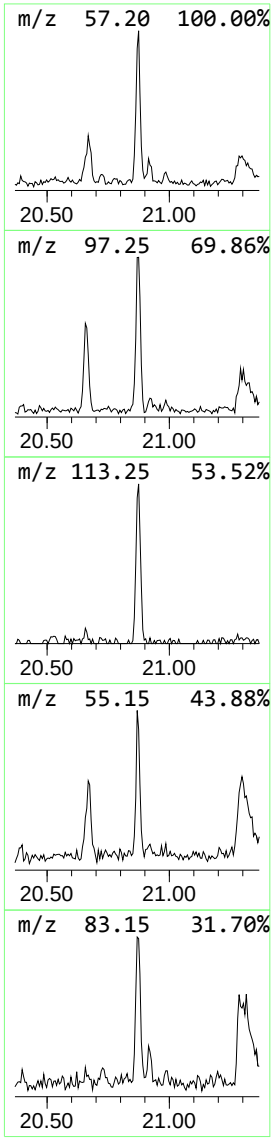
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.868	4.58 ng/ul	87778	Chrysene-d12	21.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	43
2	3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	35
3	2,4,4-trimethylpentyl ethylphosp...	224	C10H22FO2P	333416-13-0	35
4	2-Methyl-4-decanone	170	C11H22O	006628-25-7	27
5	2,4,4-Trimethyl-1-pentanol, chlo...	242	C10H17ClF2O2	1000447-27-2	25





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Data File : BG050004.D
Acq On : 27 Aug 2021 18:49
Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

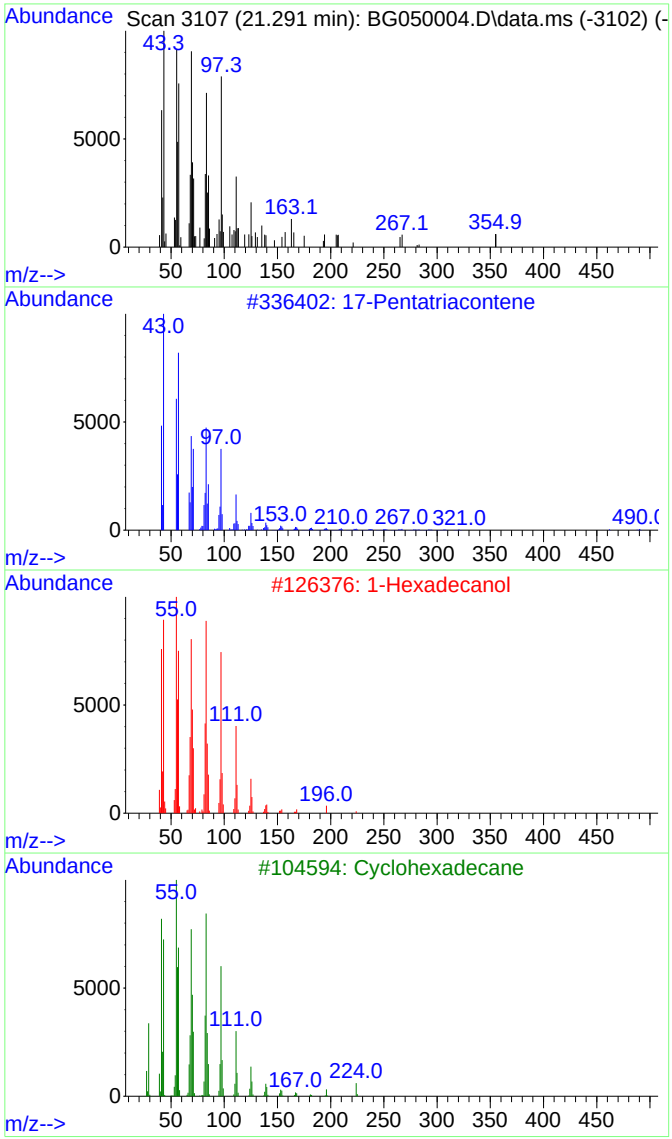
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

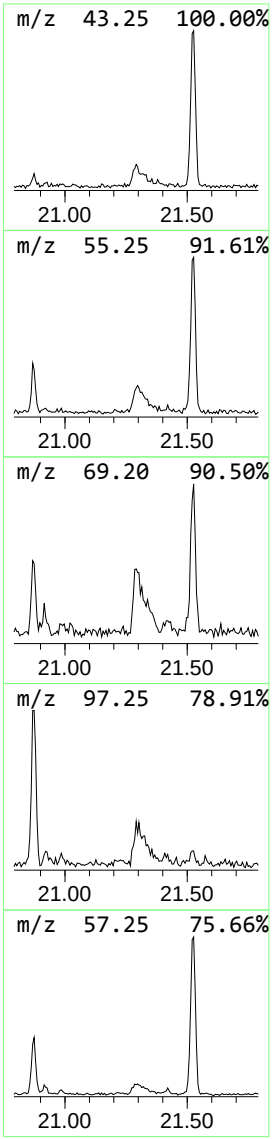
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.291	6.14 ng/ul	117799	Chrysene-d12	21.649

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Hexadecanol	242	C16H34O	036653-82-4	87
3	Cyclohexadecane	224	C16H32	000295-65-8	81
4	1-Docosene	308	C22H44	001599-67-3	76
5	1-Hexadecanol	242	C16H34O	036653-82-4	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050004.D
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Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

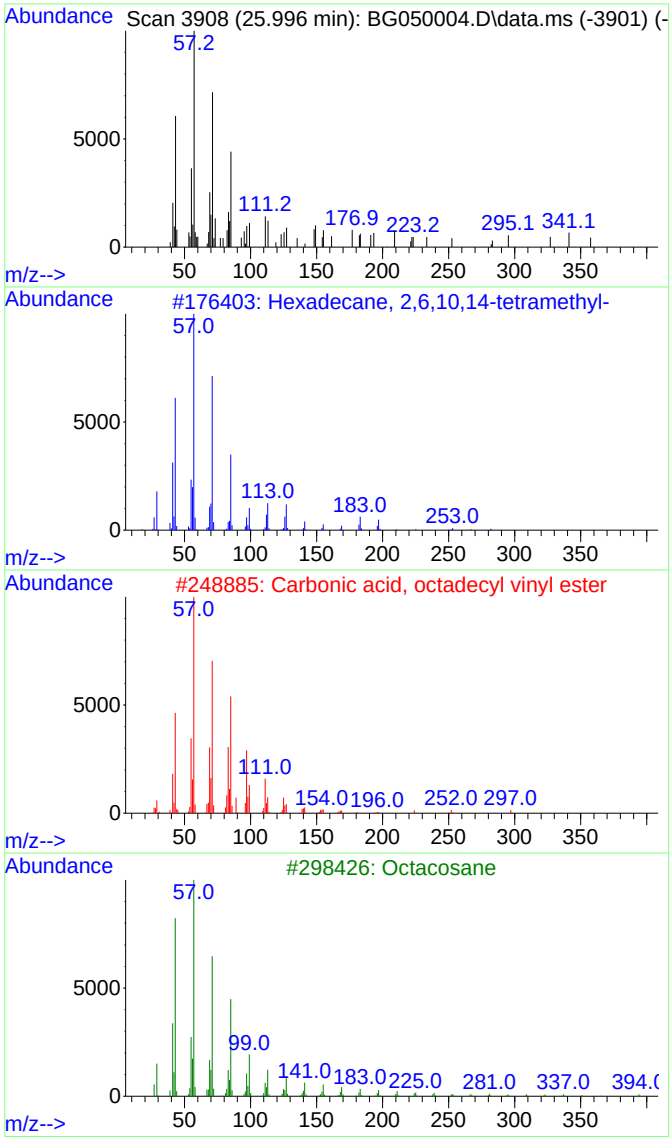
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

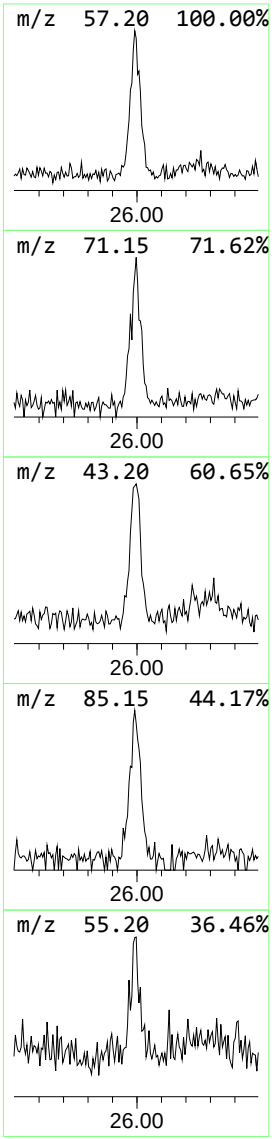
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.996	3.57 ng/ul	79020	Perylene-d12	24.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	60
2	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	50
3	Octacosane	394	C28H58	000630-02-4	49
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050004.D
Acq On : 27 Aug 2021 18:49
Operator : CG/JU
Sample : M3395-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : X3629

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Hexen-2-one	4.426	9.1	ng/ul	74403	1	7.968	163538	20.0
2-Pentanone, 4-...	5.036	5.3	ng/ul	43068	1	7.968	163538	20.0
(DEL) Alkane: S...	19.018	3.5	ng/ul	73112	4	17.379	412212	20.0
(DEL) Alkane: S...	20.868	4.6	ng/ul	87778	5	21.649	383664	20.0
(DEL) Alkane: S...	21.291	6.1	ng/ul	117799	5	21.649	383664	20.0
(DEL) Alkane: S...	25.996	3.6	ng/ul	79020	6	24.880	442248	20.0