LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
Data File : BG050980.D
Acq On : 11 Nov 2021 23:53
Operator : CG/JU
Sample : M4522-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG398

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-BG110321.M
Title : SVOA CALIBRATION

Signal : TIC: BG050980.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.590	13	17	21	rBV3	7080	10360	0.81%	0.090%
2	4.019	86	90	103	rBV	23878	49608	3.86%	0.430%
3	4.248	122	129	137	rVB	4526	9051	0.71%	0.079%
4	4.359	143	148	153	rBV2	4194	7253	0.57%	0.063%
5	7.373	655	661	670	rBV	37366	72029	5.61%	0.625%
6	7.544	681	690	702	rBV	125366	217052	16.91%	1.883%
7	7.755	716	726	735	rBV	123903	220045	17.14%	1.909%
8	8.231	799	807	816	rBV	123516	215244	16.77%	1.868%
9	8.925	917	925	934	rBV2	102575	185832	14.48%	1.612%
10	9.400	999	1006	1021	rVB	161021	293589	22.87%	2.547%
11	9.759	1062	1067	1071	rBV	4669	6493	0.51%	0.056%
12	10.123	1122	1129	1141	rVB	134227	246830	19.23%	2.142%
13	10.664	1214	1221	1232	rBV	170297	324515	25.28%	2.816%
14	10.799	1237	1244	1259	rBV2	75092	145780	11.36%	1.265%
15	11.051	1279	1287	1295	rVB	177980	327645	25.53%	2.843%
16	11.181	1302	1309	1321	rBV	139560	271989	21.19%	2.360%
17	12.250	1483	1491	1498	rVB2	4847	6605	0.51%	0.057%
18	12.626	1550	1555	1560	rBV	2662	4022	0.31%	0.035%
19	13.725	1740	1742	1745	rVB2	1721	1497	0.12%	0.013%
20	14.242	1824	1830	1840	rVB	430250	640616	49.91%	5.558%
21	14.547	1875	1882	1893	rBV	441324	710336	55.34%	6.163%
22	14.853	1926	1934	1942	rVB	290197	473645	36.90%	4.110%
23	15.006	1957	1960	1961	rBV	1782	1564	0.12%	0.014%
24	15.041	1961	1966	1974	rBV2	29326	58396	4.55%	0.507%
25	15.611	2060	2063	2068	rBV3	1171	1582	0.12%	0.014%
26	15.658	2068	2071	2074	rVB4	1732	1731	0.13%	0.015%
27	15.840	2095	2102	2109	rBV	598914	943511	73.51%	8.186%
28	15.952	2116	2121	2133	rBV	210412	324443	25.28%	2.815%
29	16.075	2139	2142	2148	rVB3	2401	3162	0.25%	0.027%
30	16.281	2172	2177	2183	rVB4	2689	3917	0.31%	0.034%
31	16.516	2213	2217	2219	rBV3	1444	1547	0.12%	0.013%
32	16.968	2290	2294	2299	rBV2	906	1478	0.12%	0.013%
33	17.180	2326	2330	2334	rVB3	946	1370	0.11%	0.012%
34	17.326	2347	2355	2358	rBV4	1622	3638	0.28%	0.032%
35	17.368	2358	2362	2363	rVV2	1035	1360	0.11%	0.012%
36	17.550	2389	2393	2394	rBV2	1550	1574	0.12%	0.014%

LSC Area Percent Report

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Sample : M4522-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BG398

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-BG110321.M
Title : SVOA CALIBRATION

37	17.597	2394	2401	2409	rVV	388529	592959	46.20%	5.145%
38	17.697	2409	2418	2424	rVV	699582	1103239	85.95%	9.572%
39	17.773	2428	2431	2434	rVB3	4508	4848	0.38%	0.042%
40	17.973	2460	2465	2468	rVV4	1346	2215	0.17%	0.019%
41	18.225	2503	2508	2514	rBV2	14483	18807	1.47%	0.163%
42	18.455	2543	2547	2550	rBV4	2973	4130	0.32%	0.036%
43	18.525	2557	2559	2561	rBV2	1323	1479	0.12%	0.013%
44	18.560	2563	2565	2568	rVB3	1435	1564	0.12%	0.014%
45	18.584	2568	2569	2572	rBV2	1225	1541	0.12%	0.013%
46	18.654	2579	2581	2584	rBV3	1261	1825	0.14%	0.016%
47	18.725	2588	2593	2594	rVV5	1345	1500	0.12%	0.013%
48	19.107	2655	2658	2661	rBV5	1832	1998	0.16%	0.017%
49	19.383	2702	2705	2709	rVB6	2865	3295	0.26%	0.029%
50	19.536	2726	2731	2736	rVB5	10272	16742	1.30%	0.145%
51	19.606	2738	2743	2749	rBV	11645	17355	1.35%	0.151%
52	19.777	2769	2772	2773	rVV3	1385	1316	0.10%	0.011%
53	19.906	2790	2794	2796	rBV4	1824	2582	0.20%	0.022%
54	19.970	2798	2805	2811	rVV	899400	1283552	100.00%	11.137%
55	20.335	2865	2867	2868	rBV2	1482	1510	0.12%	0.013%
56	20.376	2871	2874	2876	rBV4	2745	2853	0.22%	0.025%
57	20.393	2876	2877	2879	rBV2	2479	2265	0.18%	0.020%
58	20.458	2884	2888	2891	rBV5	3372	5959	0.46%	0.052%
59	20.623	2914	2916	2917	rBV2	2515	1797	0.14%	0.016%
60	20.816	2945	2949	2951	rBV5	5294	8819	0.69%	0.077%
61	20.963	2971	2974	2979	rVB6	4488	8004	0.62%	0.069%
62	21.451	3055	3057	3058	rBV2	4231	2432	0.19%	0.021%
63	21.492	3058	3064	3075	rVV4	28471	87791	6.84%	0.762%
64	21.892	3125	3132	3140	rVB	338889	587995	45.81%	5.102%
65	23.408	3388	3390	3401	rVB8	12439	22712	1.77%	0.197%
66	23.637	3427	3429	3432	rBV4	3364	4184	0.33%	0.036%
67	24.001	3485	3491	3494	rBV8	4102	9832	0.77%	0.085%
68	24.254	3530	3534	3544	rVB4	17355	35909	2.80%	0.312%
69	25.053	3658	3670	3682	rBV2	394512	1136869	88.57%	9.864%
70	25.288	3699	3710	3721	rVB	200611	617935	48.14%	5.361%
71	26.269	3875	3877	3879	rBV3	3272	2860	0.22%	0.025%
72	26.457	3901	3909	3920	rVB6	19502	64764	5.05%	0.562%
73	27.891	4146	4153	4166	rVB5	19598	68516	5.34%	0.594%
74	31.222	4718	4720	4723	rBV4	3621	2232	0.17%	0.019%

Sum of corrected areas: 11525494

Instrument :
BNA_G
ClientSampleId :
BG398

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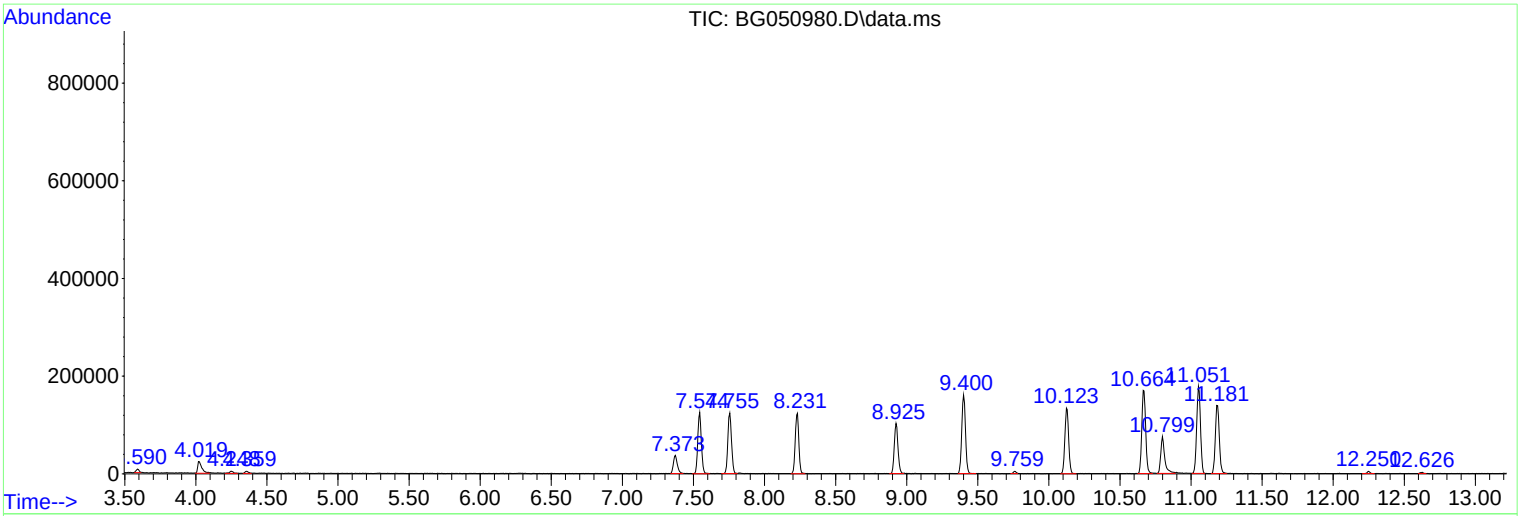
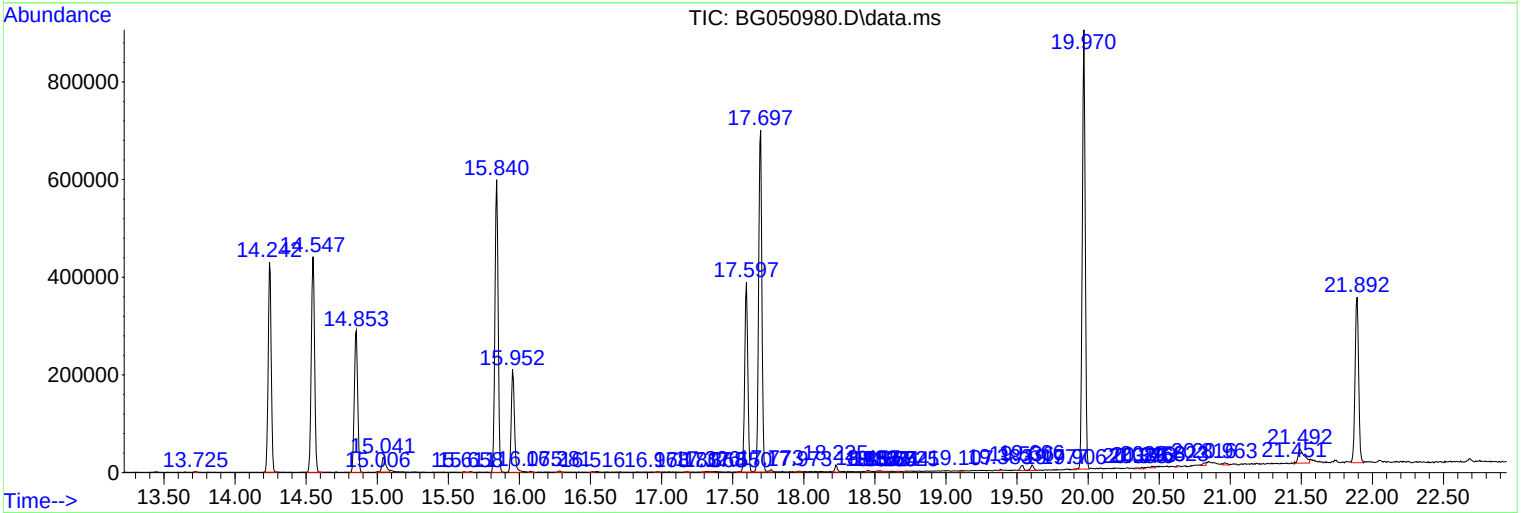
Misc :
ALS Vial : 19 Sample Multiplier: 1

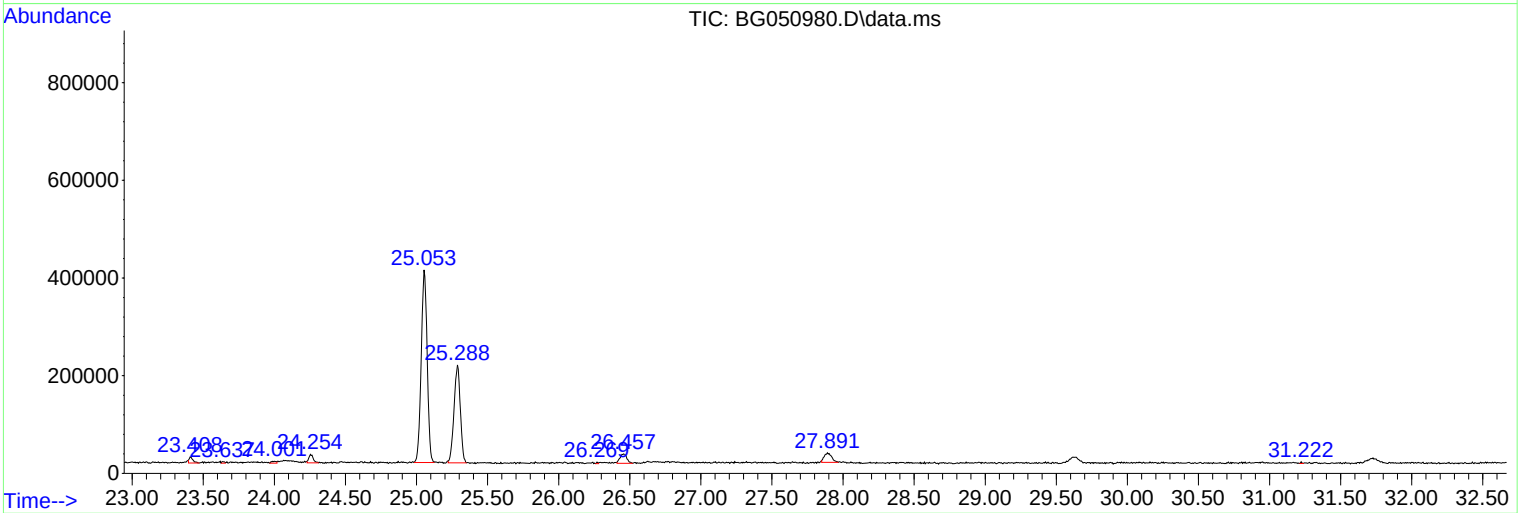
Instrument :
BNA_G
ClientSampleId :
BG398

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
BNA_G
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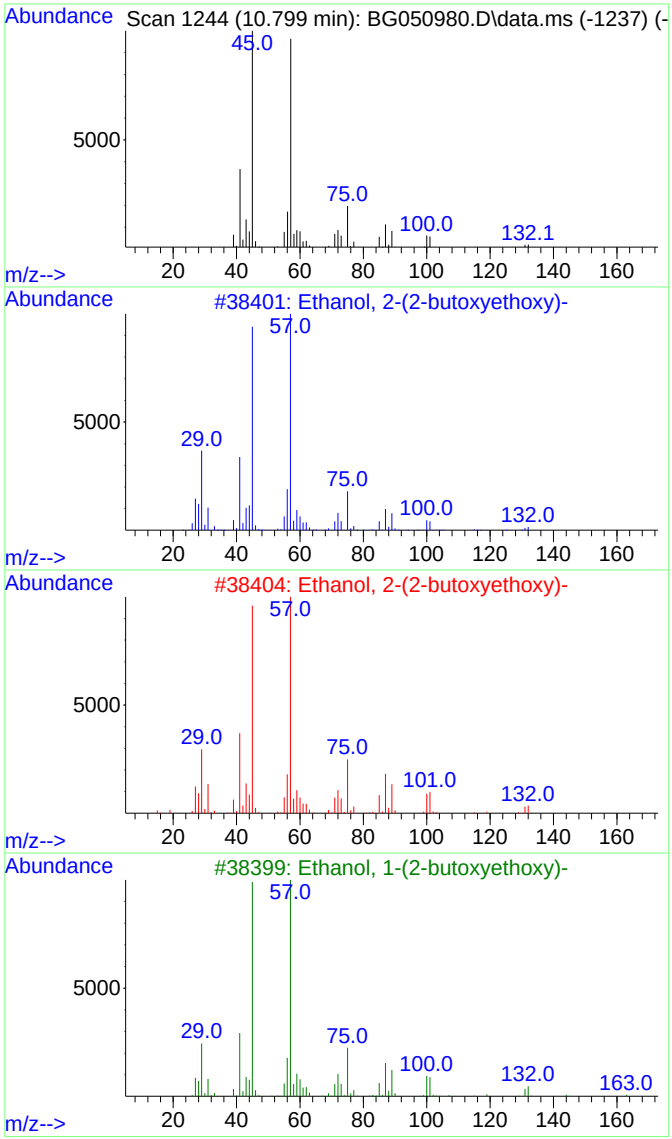
Quant Title : SVOA CALIBRATION

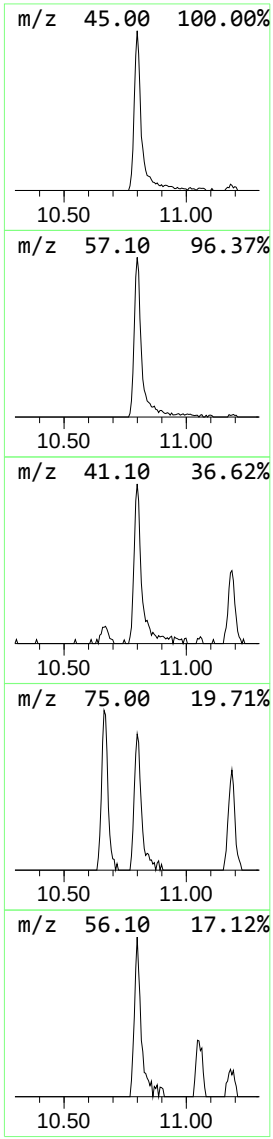
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.799	8.90 ng/ul	145780	Naphthalene-d8	11.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	72





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Sample : M4522-08
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ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG398

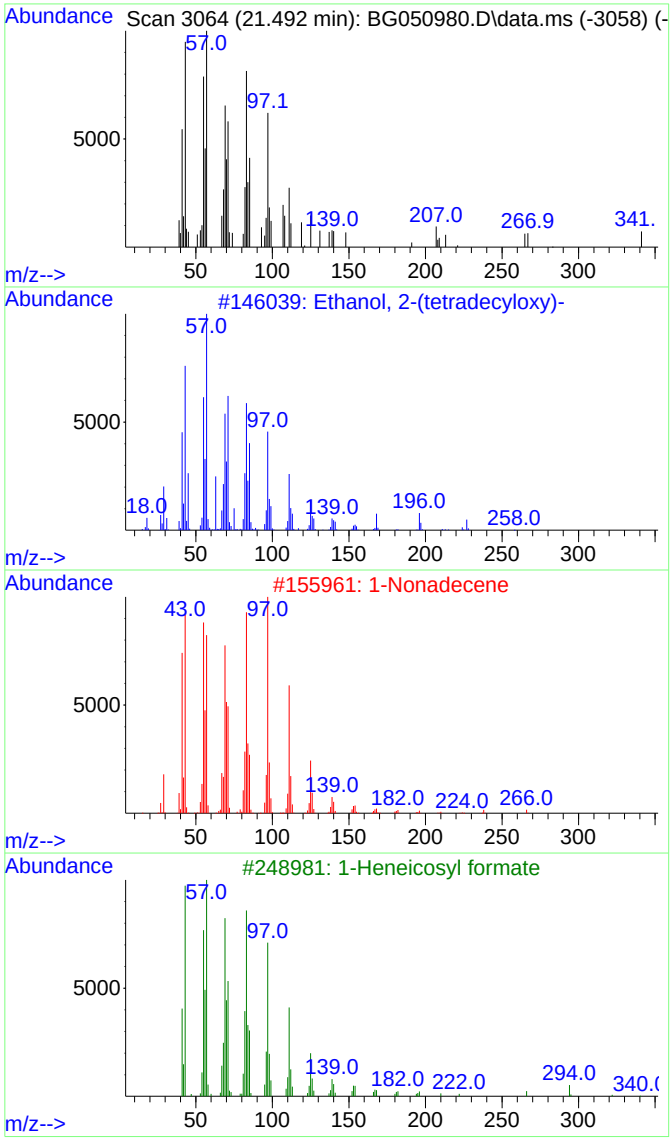
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

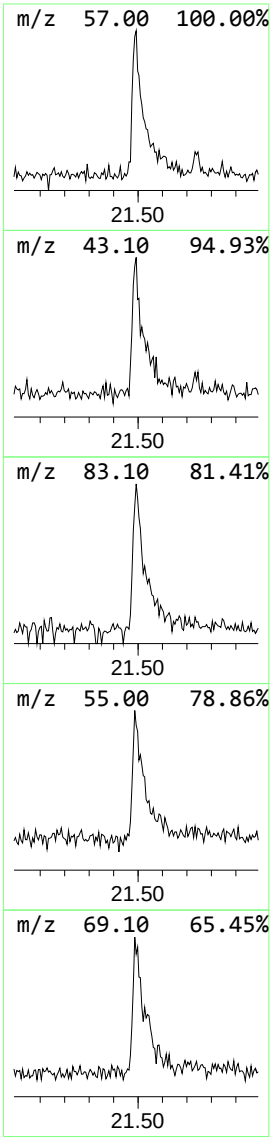
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(tetradecyloxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.492	2.99 ng/ul	87791	Chrysene-d12	21.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	1-Nonadecene	266	C19H38	018435-45-5	87
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	87
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
5	Cyclotetracosane	336	C24H48	000297-03-0	87





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Data File : BG050980.D
Acq On : 11 Nov 2021 23:53
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Sample : M4522-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG398

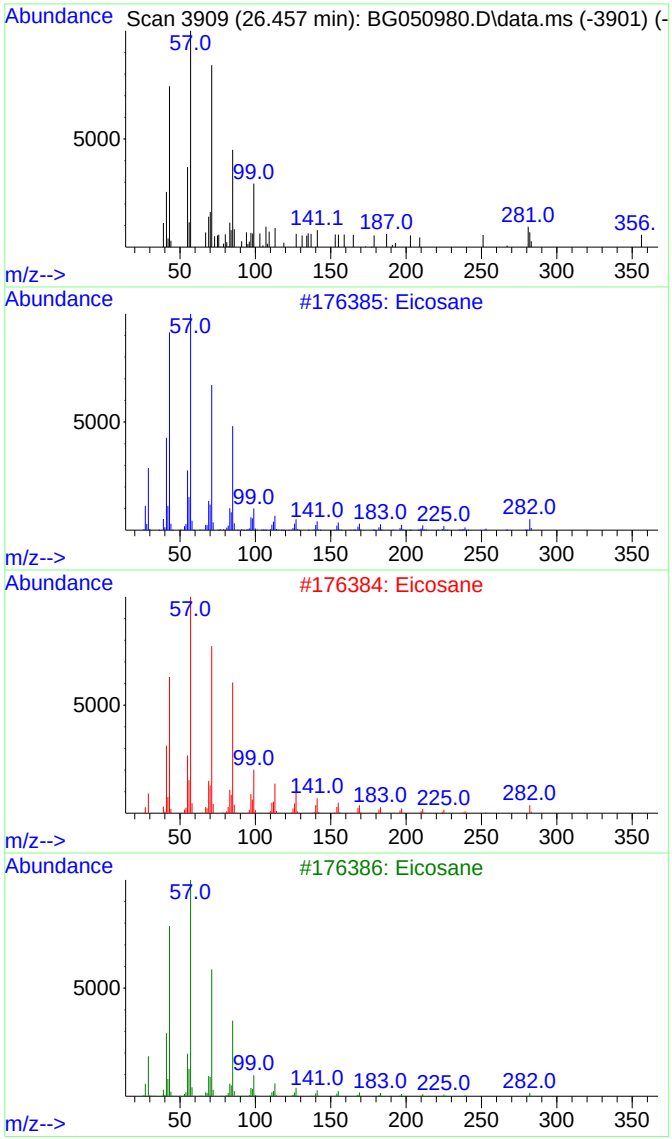
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

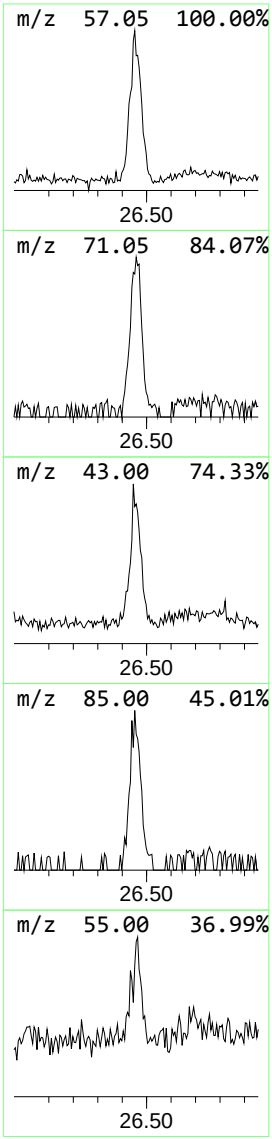
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.457	2.10 ng/ul	64764	Perylene-d12	25.288

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Eicosane	282	C20H42	000112-95-8	76
3	Eicosane	282	C20H42	000112-95-8	76
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	72
5	Pentacosane	352	C25H52	000629-99-2	68





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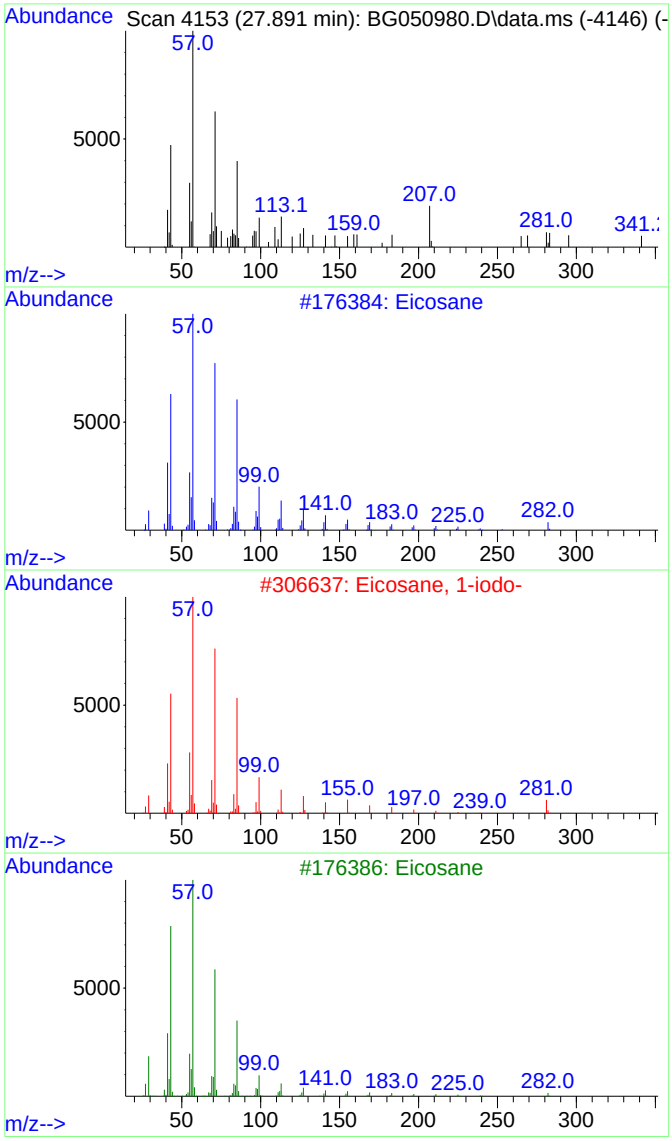
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION

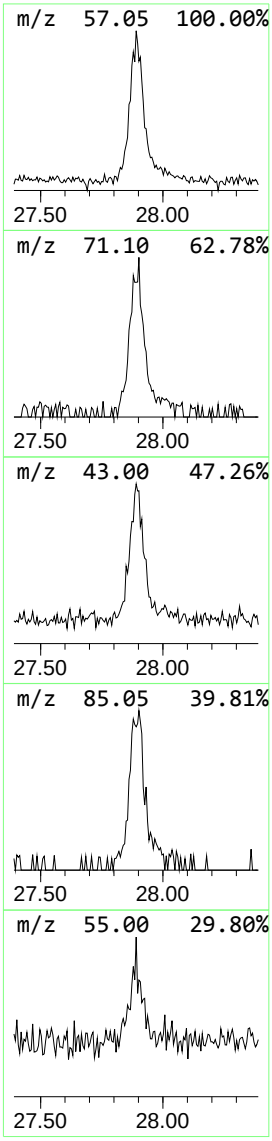
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.890	2.22 ng/ul	68516	Perylene-d12	25.288

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	62
3	Eicosane	282	C20H42	000112-95-8	60
4	Heneicosane	296	C21H44	000629-94-7	58
5	Eicosane	282	C20H42	000112-95-8	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111121\
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Sample : M4522-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BG398

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.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
Ethanol, 2-(2-b...	10.799	8.9	ng/ul	145780	2	11.051	327645	20.0
Ethanol, 2-(tet...	21.492	3.0	ng/ul	87791	5	21.892	587995	20.0
(DEL) Alkane: S...	26.457	2.1	ng/ul	64764	6	25.288	617935	20.0
(DEL) Alkane: S...	27.890	2.2	ng/ul	68516	6	25.288	617935	20.0