LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049587.D
Acq On : 30 Jul 2021 21:08
Operator : CG/JU
Sample : M3122-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER6

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-BG072421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.079	3	7	16	rBV	103372	209809	48.21%	4.051%
2	3.161	16	21	31	rVB	147079	234478	53.88%	4.528%
3	3.872	138	142	153	rBV3	11096	25404	5.84%	0.491%
4	6.040	509	511	513	rBV3	1479	1171	0.27%	0.023%
5	6.239	543	545	548	rBV2	1037	1141	0.26%	0.022%
6	6.533	593	595	598	rBV2	1475	1164	0.27%	0.022%
7	6.927	661	662	666	rBV2	849	1151	0.26%	0.022%
8	7.203	703	709	718	rVB	49984	87844	20.19%	1.696%
9	7.367	731	737	748	rBV	32509	54904	12.62%	1.060%
10	7.573	766	772	782	rVB	51019	85043	19.54%	1.642%
11	8.043	846	852	860	rBV	92278	160546	36.89%	3.100%
12	8.096	860	861	868	rVB	1141	1566	0.36%	0.030%
13	8.243	883	886	889	rBV2	806	1021	0.23%	0.020%
14	8.560	937	940	942	rVB	920	1022	0.23%	0.020%
15	8.754	966	973	981	rBV2	57318	107830	24.78%	2.082%
16	8.871	990	993	995	rBV	1189	1457	0.33%	0.028%
17	9.030	1016	1020	1023	rBV	1039	1203	0.28%	0.023%
18	9.218	1045	1052	1059	rBV	48739	89699	20.61%	1.732%
19	9.370	1076	1078	1084	rBV	706	1047	0.24%	0.020%
20	9.940	1169	1175	1184	rVB2	45951	82219	18.89%	1.588%
21	10.322	1239	1240	1243	rBV	1391	1417	0.33%	0.027%
22	10.487	1262	1268	1278	rVB	59278	108572	24.95%	2.097%
23	10.628	1288	1292	1299	rBV4	16175	27622	6.35%	0.533%
24	10.868	1325	1333	1341	rVB	127383	234492	53.89%	4.528%
25	10.998	1349	1355	1364	rBV	52496	102353	23.52%	1.976%
26	12.284	1572	1574	1576	rVB	1523	1010	0.23%	0.020%
27	12.449	1600	1602	1605	rBV3	1712	1746	0.40%	0.034%
28	12.601	1624	1628	1630	rBV	1073	1267	0.29%	0.024%
29	12.760	1651	1655	1659	rBV	778	1020	0.23%	0.020%
30	13.295	1744	1746	1748	rBV	1552	1250	0.29%	0.024%
31	13.582	1792	1795	1800	rVB2	990	1516	0.35%	0.029%
32	14.047	1871	1874	1876	rBV	1010	1153	0.26%	0.022%
33	14.094	1876	1882	1889	rVV	132182	189133	43.46%	3.652%
34	14.387	1926	1932	1942	rVB	128650	204791	47.06%	3.955%
35	14.493	1947	1950	1954	rVB	762	1046	0.24%	0.020%
36	14.699	1975	1985	1992	rBV	215509	336887	77.42%	6.505%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : BGER6

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-BG072421.M
Title : SVOA CALIBRATION

37	14.892	2012	2018	2029	rBV3	40875	79639	18.30%	1.538%
38	15.092	2048	2052	2053	rBV	1062	1163	0.27%	0.022%
39	15.315	2088	2090	2095	rVB	1169	1235	0.28%	0.024%
40	15.374	2095	2100	2103	rBB	1307	1316	0.30%	0.025%
41	15.597	2136	2138	2144	rVB	919	1161	0.27%	0.022%
42	15.691	2147	2154	2160	rBV	175476	262940	60.42%	5.077%
43	15.803	2168	2173	2181	rBV2	39601	63349	14.56%	1.223%
44	16.032	2209	2212	2214	rBV2	1132	1263	0.29%	0.024%
45	16.191	2236	2239	2241	rBV2	933	1114	0.26%	0.022%
46	16.696	2321	2325	2327	rBB2	1001	1147	0.26%	0.022%
47	17.048	2380	2385	2387	rBV2	1090	1563	0.36%	0.030%
48	17.448	2447	2453	2459	rBV	263365	400432	92.02%	7.732%
49	17.548	2463	2470	2479	rBV	188526	297551	68.38%	5.746%
50	17.630	2482	2484	2485	rBV	2206	1514	0.35%	0.029%
51	17.718	2498	2499	2504	rBV	1185	1496	0.34%	0.029%
52	17.924	2530	2534	2538	rBV2	1410	2541	0.58%	0.049%
53	18.106	2561	2565	2568	rVB2	3286	3137	0.72%	0.061%
54	18.282	2593	2595	2598	rBV2	1148	1219	0.28%	0.024%
55	18.329	2598	2603	2608	rBV2	22280	31708	7.29%	0.612%
56	18.529	2632	2637	2643	rVB4	3133	6962	1.60%	0.134%
57	18.629	2649	2654	2655	rVB4	1894	2105	0.48%	0.041%
58	18.758	2673	2676	2681	rBV3	6799	11772	2.71%	0.227%
59	19.116	2734	2737	2739	rBV2	1491	1362	0.31%	0.026%
60	19.228	2753	2756	2757	rBV	2629	2262	0.52%	0.044%
61	19.392	2782	2784	2787	rVB2	2849	2579	0.59%	0.050%
62	19.463	2794	2796	2798	rBV2	2376	2516	0.58%	0.049%
63	19.498	2798	2802	2809	rVB	27272	39391	9.05%	0.761%
64	19.563	2810	2813	2814	rVB2	1475	1054	0.24%	0.020%
65	19.598	2815	2819	2825	rBV3	6797	11763	2.70%	0.227%
66	19.833	2853	2859	2869	rBV	185359	287908	66.16%	5.560%
67	19.927	2874	2875	2876	rBV	2503	1482	0.34%	0.029%
68	20.003	2886	2888	2889	rBV2	1902	1273	0.29%	0.025%
69	20.802	3020	3024	3029	rBV	242381	287912	66.16%	5.560%
70	21.730	3175	3182	3188	rBV	252990	435156	100.00%	8.403%
71	24.779	3695	3701	3710	rVB2	55392	139788	32.12%	2.699%
72	25.008	3732	3740	3750	rVB3	143909	422874	97.18%	8.166%

Sum of corrected areas: 5178641

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BNA_G
ClientSampleId :
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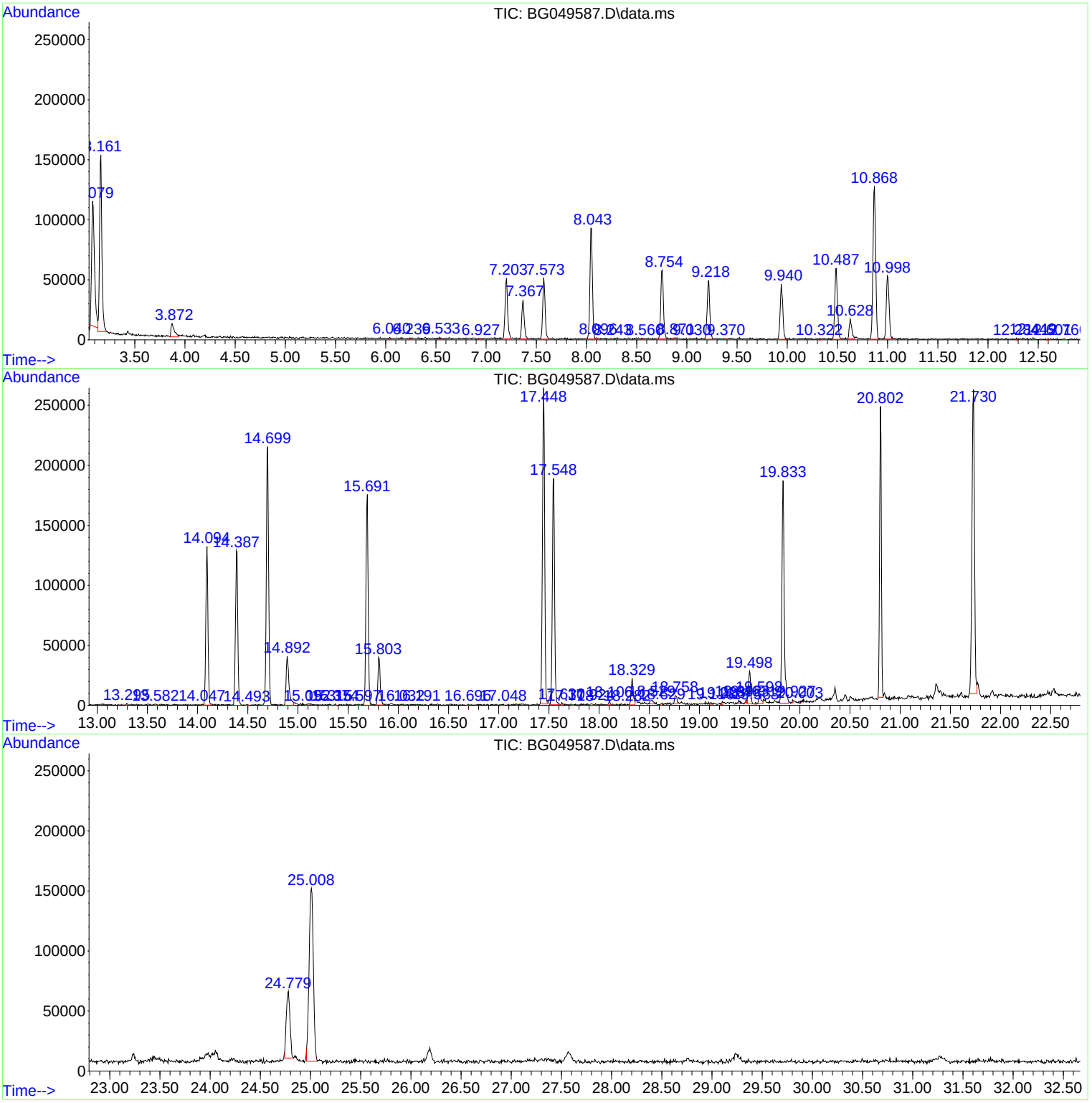
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

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



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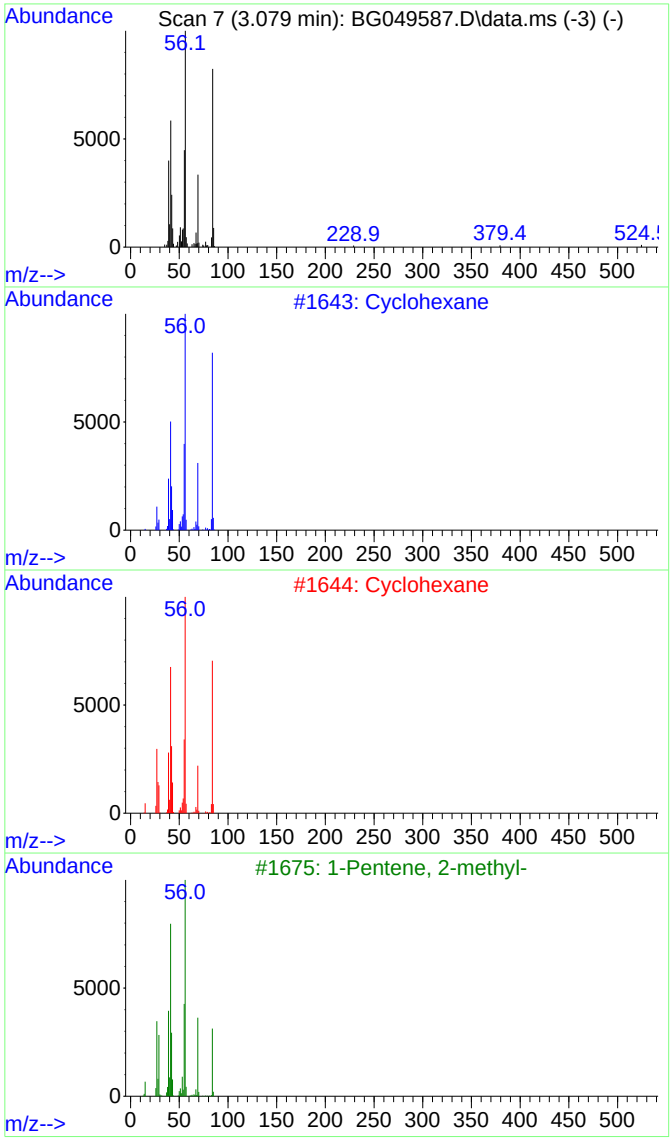
Quant Title : SVOA CALIBRATION

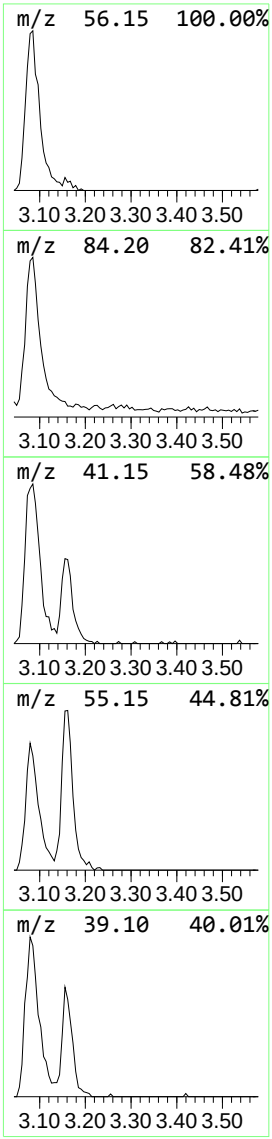
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.079 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.079	26.14 ng/ul	209809	1,4-Dichlorobenzene-d4	8.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	81
2	Cyclohexane	84	C6H12	000110-82-7	81
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
4	Cyclohexane	84	C6H12	000110-82-7	72
5	Cyclohexane	84	C6H12	000110-82-7	68





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Instrument : BNA_G
ClientSampleId : BGER6

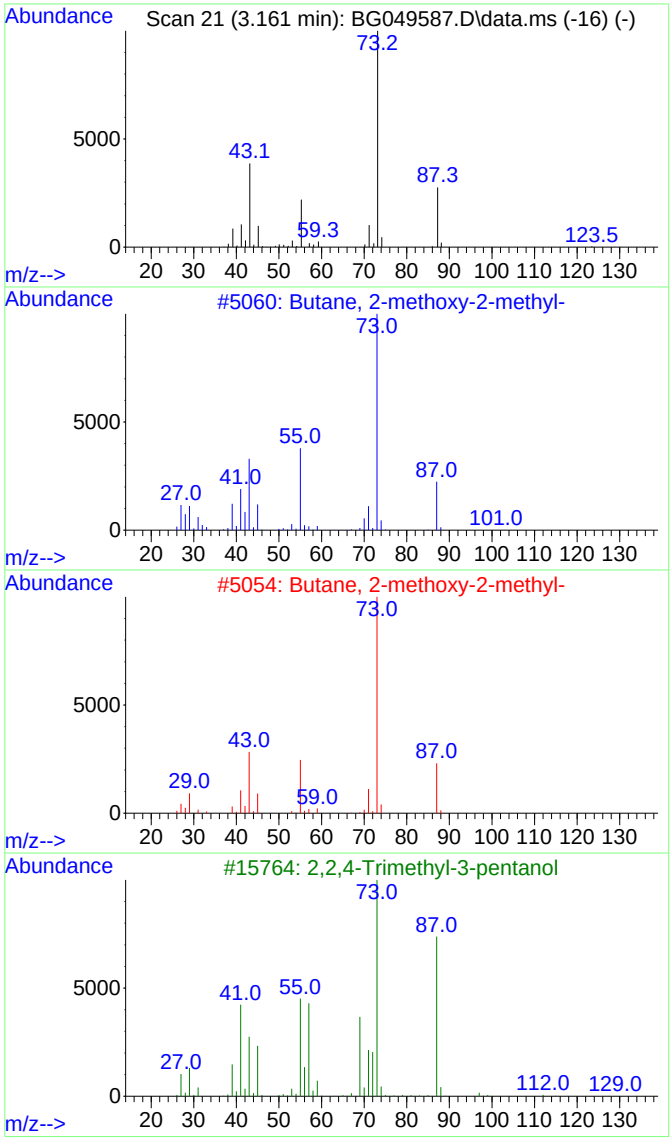
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

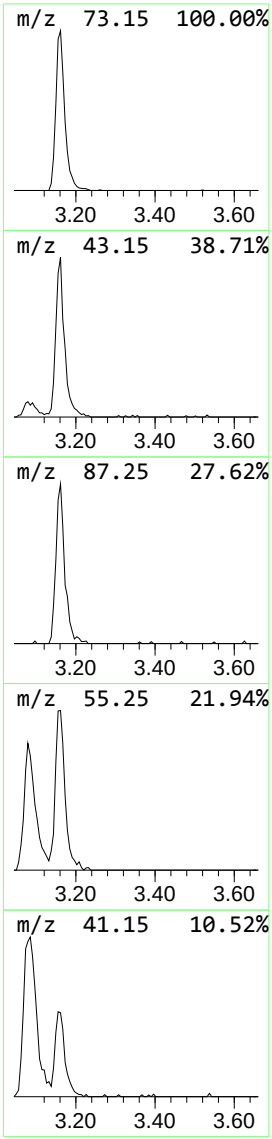
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.161	29.21 ng/ul	234478	1,4-Dichlorobenzene-d4	8.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25





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Misc :
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Instrument :
BNA_G
ClientSampleId :
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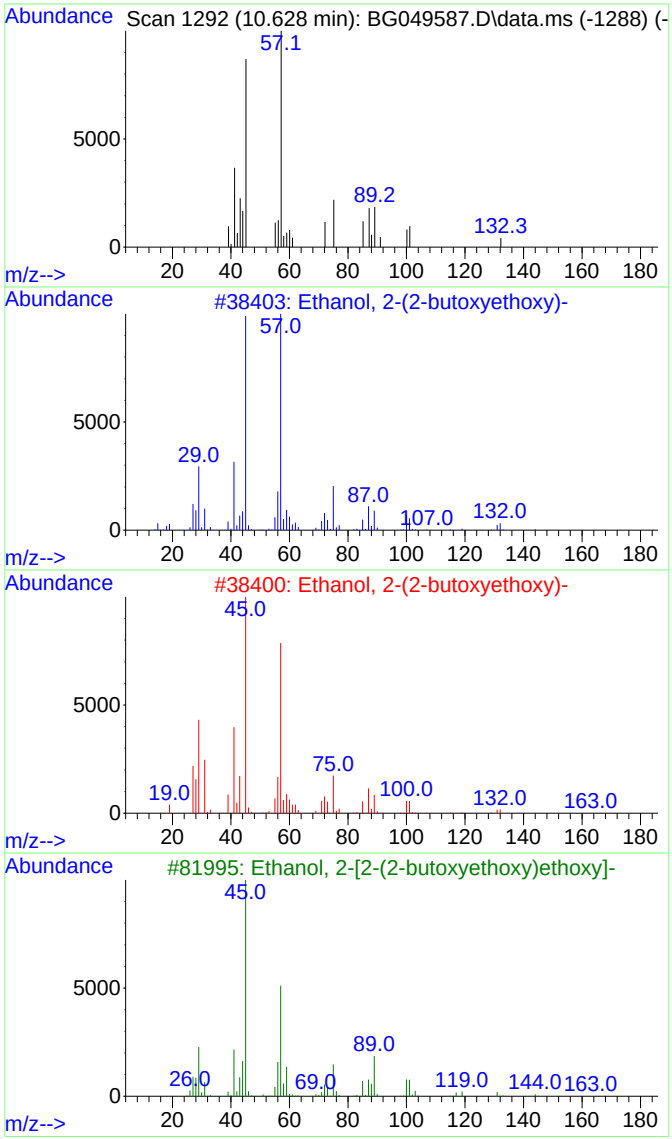
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

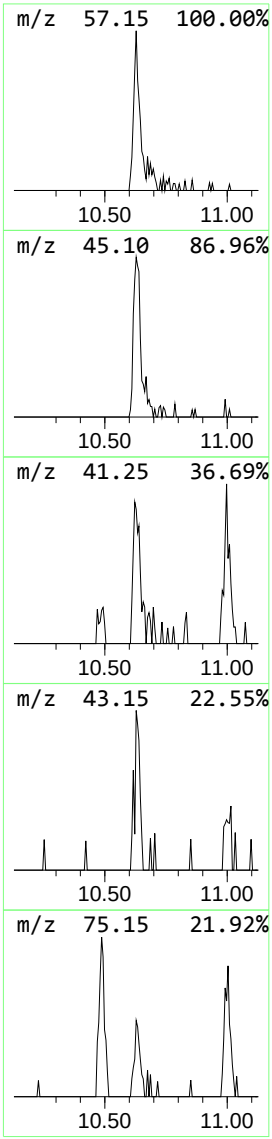
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	2.36 ng/ul	27622	Naphthalene-d8	10.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	74
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	74
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	53
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	53





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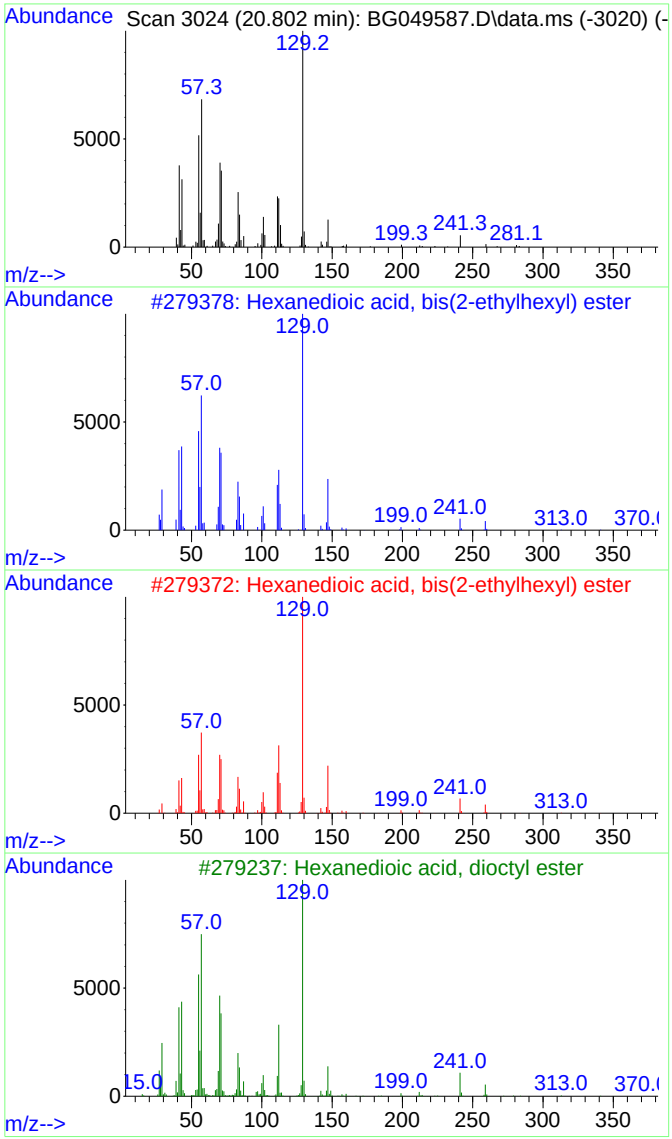
Quant Title : SVOA CALIBRATION

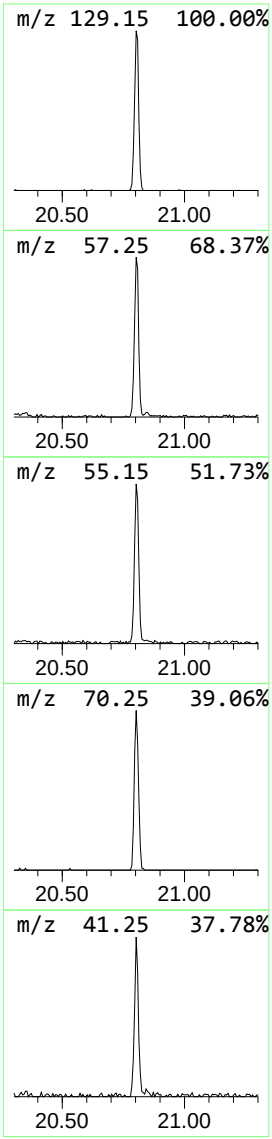
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexanedioic acid, bis(2-eth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.802	13.23 ng/ul	287912	Chrysene-d12	21.730

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	64
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	52





Tentatively Identified Compound (LSC) summary

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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
(DEL) Alkane: C...	3.079	26.1	ng/ul	209809	1	8.049	160546	20.0
Butane, 2-metho...	3.161	29.2	ng/ul	234478	1	8.049	160546	20.0
Ethanol, 2-(2-b...	10.628	2.4	ng/ul	27622	2	10.868	234492	20.0
Hexanedioic aci...	20.802	13.2	ng/ul	287912	5	21.730	435156	20.0