LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073021\
Data File : BG049597.D
Acq On : 31 Jul 2021 4:39
Operator : CG/JU
Sample : M3122-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER8

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: BG049597.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	3	6	15	rVB	91342	175179	41.71%	3.593%
2	3.159	15	20	31	rVB	149537	245414	58.43%	5.033%
3	3.864	137	140	148	rBV3	16217	34056	8.11%	0.698%
4	4.134	184	186	189	rBV3	1759	1501	0.36%	0.031%
5	4.803	299	300	303	rBV3	1739	1332	0.32%	0.027%
6	4.874	310	312	313	rBV2	1373	1261	0.30%	0.026%
7	5.062	342	344	348	rBV4	1697	1837	0.44%	0.038%
8	6.155	527	530	531	rBV2	1087	1214	0.29%	0.025%
9	6.437	576	578	580	rBV2	1421	1132	0.27%	0.023%
10	6.877	651	653	656	rVB3	947	1038	0.25%	0.021%
11	7.018	675	677	680	rBV3	1687	1659	0.40%	0.034%
12	7.200	702	708	716	rBV	60138	103868	24.73%	2.130%
13	7.365	730	736	744	rBV2	39273	67173	15.99%	1.378%
14	7.576	766	772	780	rVB	58023	106035	25.25%	2.175%
15	7.653	783	785	789	rVB	1233	1345	0.32%	0.028%
16	7.923	826	831	833	rBV	898	1318	0.31%	0.027%
17	8.046	845	852	859	rBV	90270	148974	35.47%	3.055%
18	8.751	966	972	980	rBV2	77870	134505	32.03%	2.758%
19	8.880	992	994	998	rBV3	1974	1762	0.42%	0.036%
20	9.215	1044	1051	1059	rBV	62774	118408	28.19%	2.428%
21	9.615	1117	1119	1121	rBV2	1194	1347	0.32%	0.028%
22	9.938	1168	1174	1183	rVB3	55456	107349	25.56%	2.201%
23	10.161	1209	1212	1217	rVB	802	1277	0.30%	0.026%
24	10.484	1260	1267	1276	rBV2	75373	138512	32.98%	2.841%
25	10.631	1287	1292	1301	rBV3	7375	17940	4.27%	0.368%
26	10.866	1325	1332	1340	rVB	120719	215106	51.22%	4.411%
27	10.930	1340	1343	1344	rBV	1121	1364	0.32%	0.028%
28	10.995	1347	1354	1364	rBV	70773	135557	32.28%	2.780%
29	11.906	1507	1509	1513	rVB2	1133	1196	0.28%	0.025%
30	12.229	1560	1564	1569	rVB2	890	1537	0.37%	0.032%
31	12.634	1629	1633	1635	rBV	786	1087	0.26%	0.022%
32	13.298	1742	1746	1748	rBV	1201	1495	0.36%	0.031%
33	13.415	1763	1766	1770	rBB	1265	1480	0.35%	0.030%
34	13.462	1770	1774	1777	rBV	697	1101	0.26%	0.023%
35	13.580	1791	1794	1795	rBV	1912	1148	0.27%	0.024%
36	14.091	1875	1881	1888	rVB	159881	235634	56.10%	4.832%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3122-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGER8

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	14.390	1922	1932	1940	rVB	153265	243449	57.97%	4.993%
38	14.696	1976	1984	1992	rBV	204322	306210	72.91%	6.280%
39	14.761	1994	1995	1999	rBV	893	1061	0.25%	0.022%
40	14.890	2012	2017	2033	rBV	48676	98822	23.53%	2.027%
41	15.689	2144	2153	2160	rBV	221187	337135	80.27%	6.914%
42	15.806	2167	2173	2179	rBV2	54330	83108	19.79%	1.704%
43	15.930	2190	2194	2199	rVB	2215	3518	0.84%	0.072%
44	16.799	2340	2342	2347	rVB	982	1062	0.25%	0.022%
45	16.952	2365	2368	2372	rBV	694	1106	0.26%	0.023%
46	17.234	2413	2416	2418	rBV	1045	1052	0.25%	0.022%
47	17.357	2435	2437	2442	rBV	796	1068	0.25%	0.022%
48	17.445	2445	2452	2460	rVV	270696	397436	94.63%	8.150%
49	17.545	2462	2469	2478	rVB	228802	350329	83.41%	7.184%
50	17.621	2478	2482	2484	rBV	718	1100	0.26%	0.023%
51	17.827	2514	2517	2520	rBV	825	1135	0.27%	0.023%
52	18.103	2562	2564	2567	rVB	1585	1391	0.33%	0.029%
53	18.332	2599	2603	2605	rBV3	2960	3993	0.95%	0.082%
54	18.403	2613	2615	2618	rBV	1838	1414	0.34%	0.029%
55	18.608	2647	2650	2651	rBV	1160	1203	0.29%	0.025%
56	18.861	2690	2693	2698	rBV2	1251	2140	0.51%	0.044%
57	19.031	2720	2722	2724	rBV2	1207	1061	0.25%	0.022%
58	19.155	2741	2743	2746	rVB2	1843	1148	0.27%	0.024%
59	19.266	2760	2762	2767	rVB	1894	2022	0.48%	0.041%
60	19.401	2781	2785	2789	rBV3	3640	5029	1.20%	0.103%
61	19.466	2793	2796	2799	rBV2	2473	3333	0.79%	0.068%
62	19.554	2810	2811	2815	rVB	1348	1192	0.28%	0.024%
63	19.607	2818	2820	2823	rVB2	1791	1968	0.47%	0.040%
64	19.830	2851	2858	2866	rBV2	100577	151178	36.00%	3.100%
65	19.901	2866	2870	2871	rBV2	1205	1533	0.37%	0.031%
66	20.065	2896	2898	2899	rBV2	2124	1359	0.32%	0.028%
67	20.124	2905	2908	2911	rBV2	2555	2616	0.62%	0.054%
68	20.512	2972	2974	2976	rBV3	2012	1379	0.33%	0.028%
69	20.805	3020	3024	3028	rVB	36498	42124	10.03%	0.864%
70	21.728	3175	3181	3187	rVB	241471	390430	92.96%	8.007%
71	25.011	3731	3740	3752	rVB3	142932	419992	100.00%	8.613%

Sum of corrected areas: 4876237

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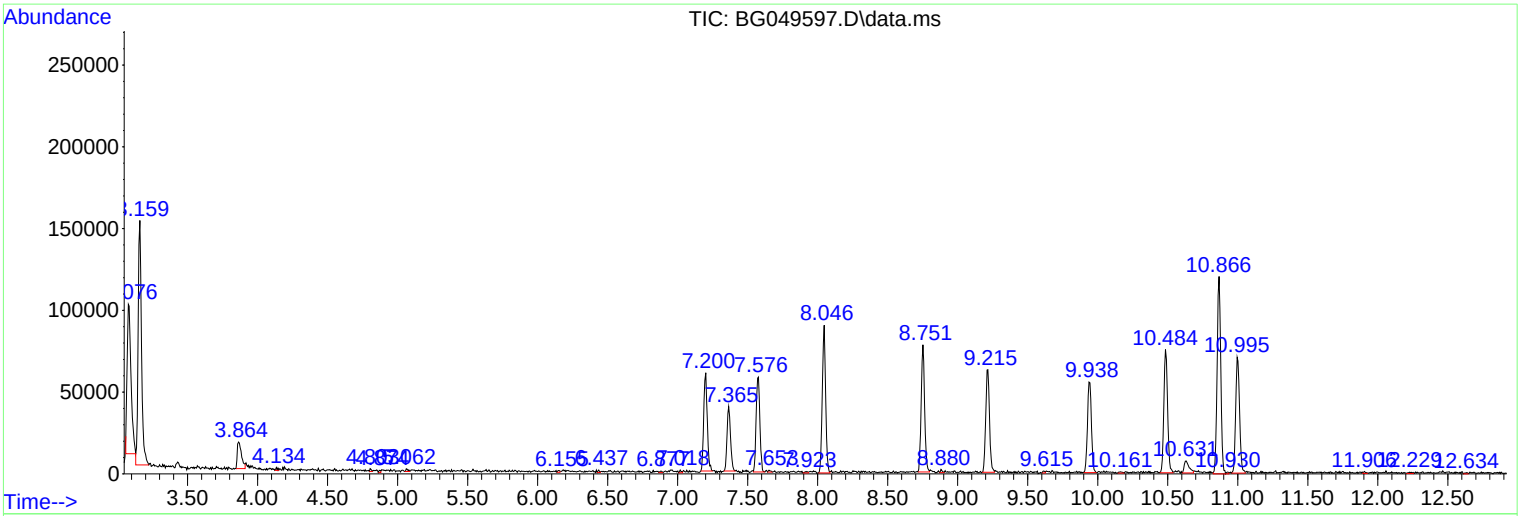
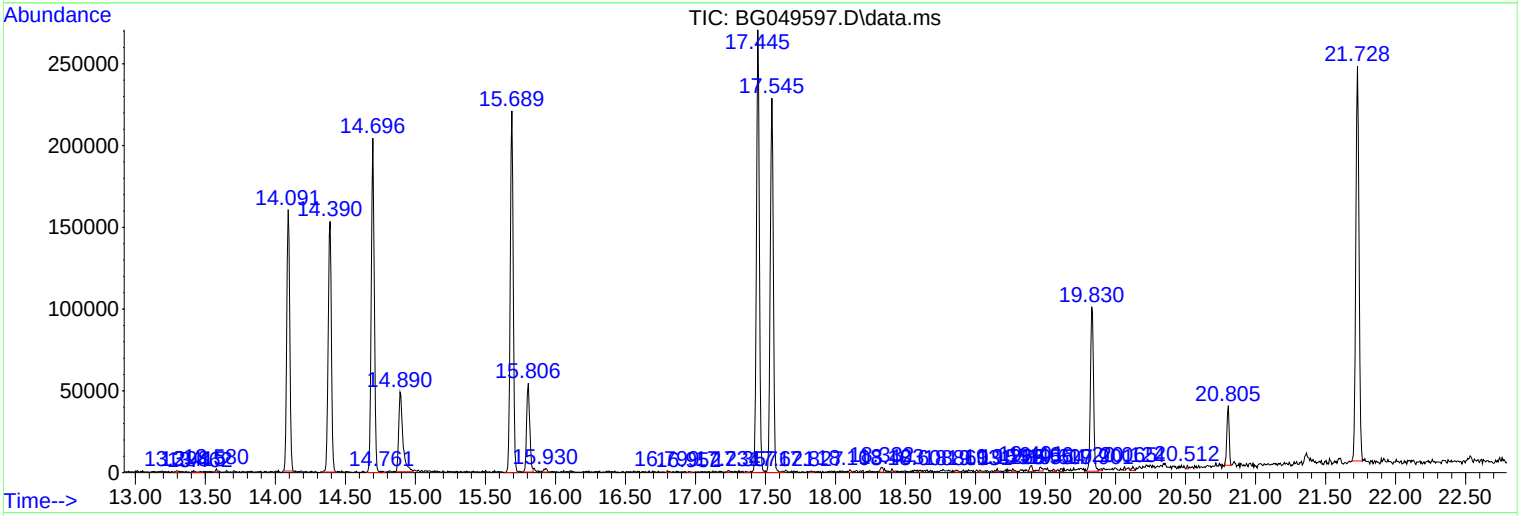
Misc :
ALS Vial : 22 Sample Multiplier: 1

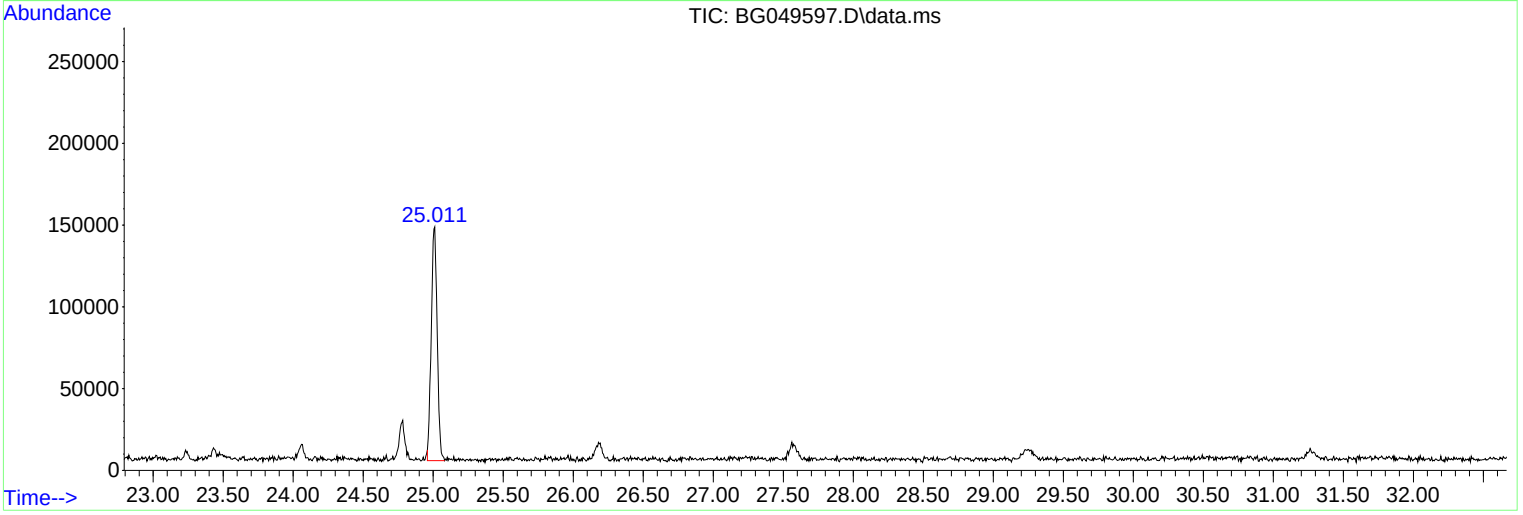
Instrument :
BNA_G
ClientSampleId :
BGER8

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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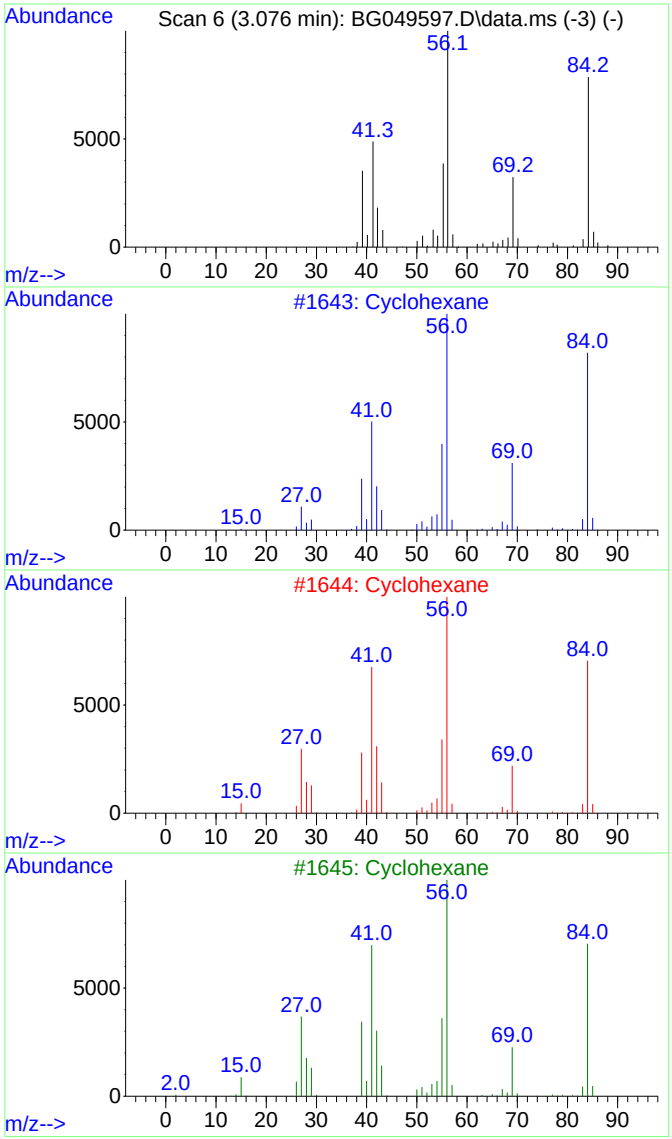
Quant Title : SVOA CALIBRATION

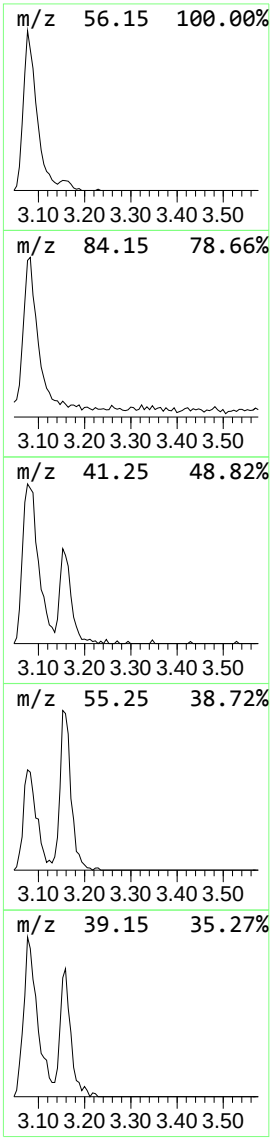
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.076 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.076	23.52 ng/ul	175179	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	93
2	Cyclohexane	84	C6H12	000110-82-7	90
3	Cyclohexane	84	C6H12	000110-82-7	87
4	Cyclohexane	84	C6H12	000110-82-7	87
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86





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Instrument : BNA_G
ClientSampleId : BGER8

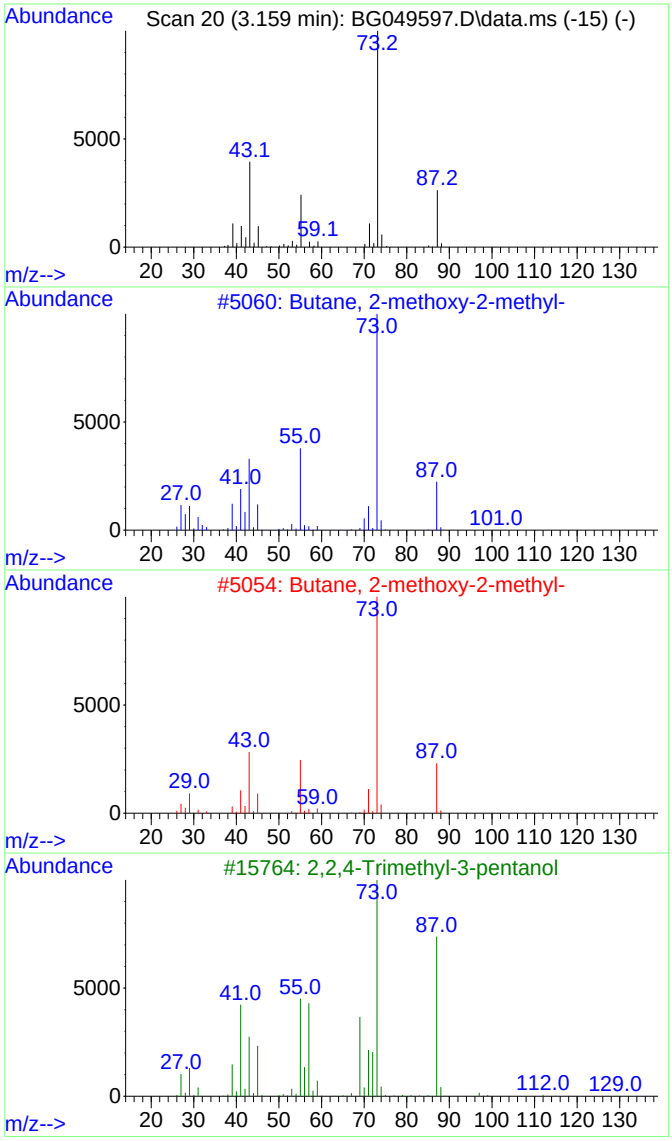
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

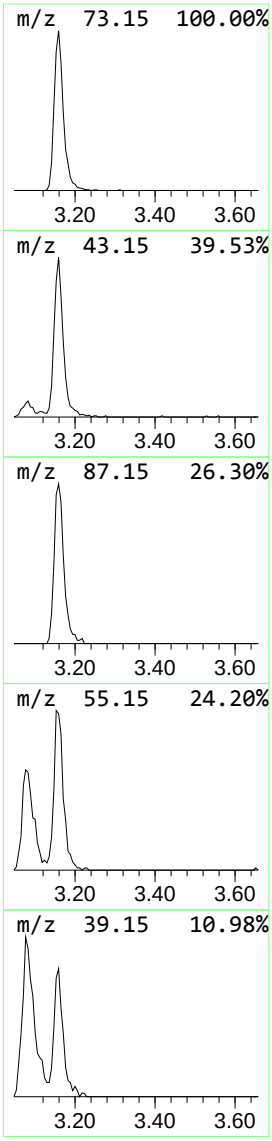
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.159	32.95 ng/ul	245414	1,4-Dichlorobenzene-d4	8.046

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	10
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





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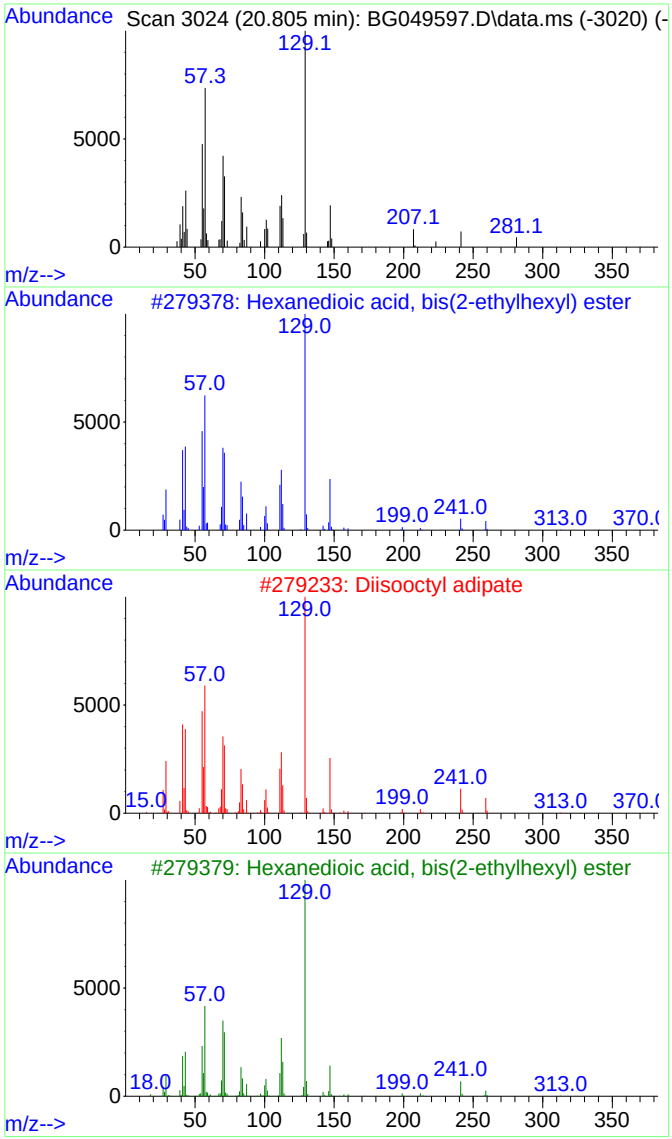
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION

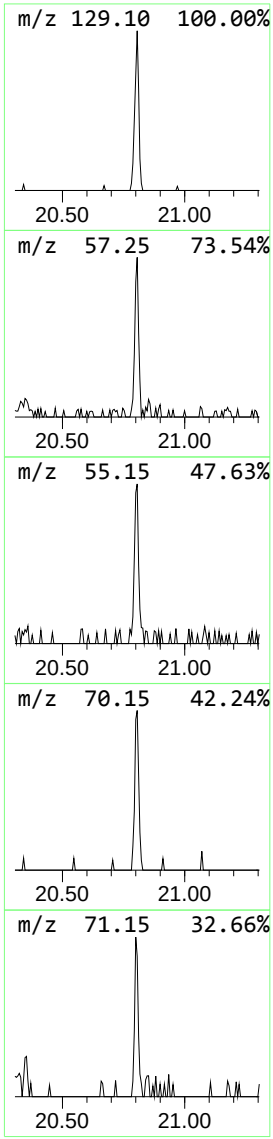
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.805	2.16 ng/ul	42124	Chrysene-d12	21.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	95
2	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	80





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...	3.076	23.5	ng/ul	175179	1	8.046	148974	20.0
Butane, 2-metho...	3.159	33.0	ng/ul	245414	1	8.046	148974	20.0
Hexanedioic aci...	20.805	2.2	ng/ul	42124	5	21.728	390430	20.0