LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007648.D
Acq On : 25 Oct 2021 18:49
Operator : CG/JU
Sample : M4303-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P034-TW001-01

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

Signal : TIC: BP007648.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.370	10	14	20	rVB	42123	55376	1.17%	0.118%
2	3.793	83	86	101	rBV	152173	236062	4.97%	0.505%
3	4.028	122	126	133	rVB	29318	43170	0.91%	0.092%
4	4.117	138	141	147	rVB2	12600	17798	0.37%	0.038%
5	4.217	155	158	162	rVB4	10555	15157	0.32%	0.032%
6	5.046	293	299	305	rBV4	13083	23322	0.49%	0.050%
7	6.322	509	516	526	rVB2	12674	22944	0.48%	0.049%
8	6.946	618	622	626	rBV7	3482	5438	0.11%	0.012%
9	7.111	643	650	658	rVB	150009	277492	5.85%	0.594%
10	7.269	669	677	687	rVB	513894	816016	17.19%	1.746%
11	7.469	704	711	717	rBV	548724	870115	18.33%	1.862%
12	7.546	717	724	738	rVB	2592581	4157629	87.59%	8.895%
13	7.940	784	791	800	rVV	585706	914884	19.27%	1.957%
14	8.005	800	802	806	rVB5	3596	5011	0.11%	0.011%
15	8.181	829	832	838	rBV7	3350	5789	0.12%	0.012%
16	8.646	904	911	922	rBV	467207	753702	15.88%	1.612%
17	9.099	980	988	997	rBV	580478	988313	20.82%	2.114%
18	9.252	1004	1014	1029	rBV	190207	391679	8.25%	0.838%
19	9.552	1061	1065	1072	rVB9	4893	8646	0.18%	0.018%
20	9.822	1103	1111	1122	rBV	479369	783110	16.50%	1.675%
21	10.363	1195	1203	1217	rBV	775345	1258390	26.51%	2.692%
22	10.528	1225	1231	1240	rBV2	83284	145201	3.06%	0.311%
23	10.746	1260	1268	1276	rBV	741929	1294892	27.28%	2.770%
24	10.875	1282	1290	1302	rBV	680792	1141503	24.05%	2.442%
25	12.051	1487	1490	1496	rVB6	4261	7305	0.15%	0.016%
26	12.175	1507	1511	1516	rBV8	3232	5081	0.11%	0.011%
27	12.328	1530	1537	1543	rVB	16303	27118	0.57%	0.058%
28	12.481	1559	1563	1568	rBV6	8410	12763	0.27%	0.027%
29	12.957	1636	1644	1647	rBV10	2964	7647	0.16%	0.016%
30	13.193	1681	1684	1689	rBV7	3673	5685	0.12%	0.012%
31	13.545	1740	1744	1747	rBV6	4176	5791	0.12%	0.012%
32	13.987	1812	1819	1825	rBV	1445258	1953372	41.15%	4.179%
33	14.269	1857	1867	1875	rBV	1550775	2337264	49.24%	5.000%
34	14.487	1899	1904	1911	rVB6	11496	17861	0.38%	0.038%
35	14.575	1912	1919	1926	rBV	1254403	1821298	38.37%	3.896%
36	14.769	1941	1952	1967	rBV	148380	263603	5.55%	0.564%

LSC Area Percent Report

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Sample : M4303-18
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P034-TW001-01

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_P\METHODS\SFAM-EPA-BP102521.M
Title : SVOA CALIBRATION

37	14.992	1986	1990	1997	rVB10	7148	11286	0.24%	0.024%
38	15.440	2063	2066	2071	rVB5	7613	9107	0.19%	0.019%
39	15.569	2081	2088	2096	rBV	2149597	3024159	63.71%	6.470%
40	15.681	2101	2107	2120	rBV	576082	836529	17.62%	1.790%
41	15.810	2123	2129	2134	rVB3	14436	24130	0.51%	0.052%
42	16.134	2181	2184	2190	rBV8	3528	5190	0.11%	0.011%
43	16.263	2198	2206	2211	rBV2	48447	79601	1.68%	0.170%
44	16.304	2211	2213	2216	rVV4	7785	10194	0.21%	0.022%
45	16.363	2219	2223	2232	rVB4	5950	12208	0.26%	0.026%
46	16.628	2265	2268	2270	rBV4	4339	5461	0.12%	0.012%
47	17.010	2331	2333	2337	rVB5	4650	5273	0.11%	0.011%
48	17.110	2345	2350	2354	rBV5	10311	17795	0.37%	0.038%
49	17.328	2380	2387	2398	rBV	1588531	2277111	47.97%	4.872%
50	17.428	2398	2404	2418	rVV	2512979	3590310	75.64%	7.681%
51	17.845	2472	2475	2479	rBV5	5672	7933	0.17%	0.017%
52	18.010	2499	2503	2507	rVB2	26895	33400	0.70%	0.071%
53	18.222	2536	2539	2544	rBV5	25030	37347	0.79%	0.080%
54	18.522	2586	2590	2598	rBV8	10066	18441	0.39%	0.039%
55	19.139	2693	2695	2699	rVB4	20322	21000	0.44%	0.045%
56	19.239	2708	2712	2716	rBV	36474	48175	1.01%	0.103%
57	19.310	2720	2724	2727	rBV	37486	51305	1.08%	0.110%
58	19.604	2772	2774	2777	rVB4	12649	11587	0.24%	0.025%
59	19.663	2778	2784	2791	rBV	3396851	4464524	94.05%	9.551%
60	21.098	3023	3028	3031	rBV	81748	133524	2.81%	0.286%
61	21.145	3032	3036	3040	rVV2	163548	252956	5.33%	0.541%
62	21.198	3041	3045	3051	rVV	392235	514168	10.83%	1.100%
63	21.416	3077	3082	3088	rBV	2135391	2828996	59.60%	6.052%
64	23.704	3464	3471	3480	rBV2	2422919	4746783	100.00%	10.155%
65	23.863	3491	3498	3507	rVB2	1390262	2967549	62.52%	6.349%

Sum of corrected areas: 46742469

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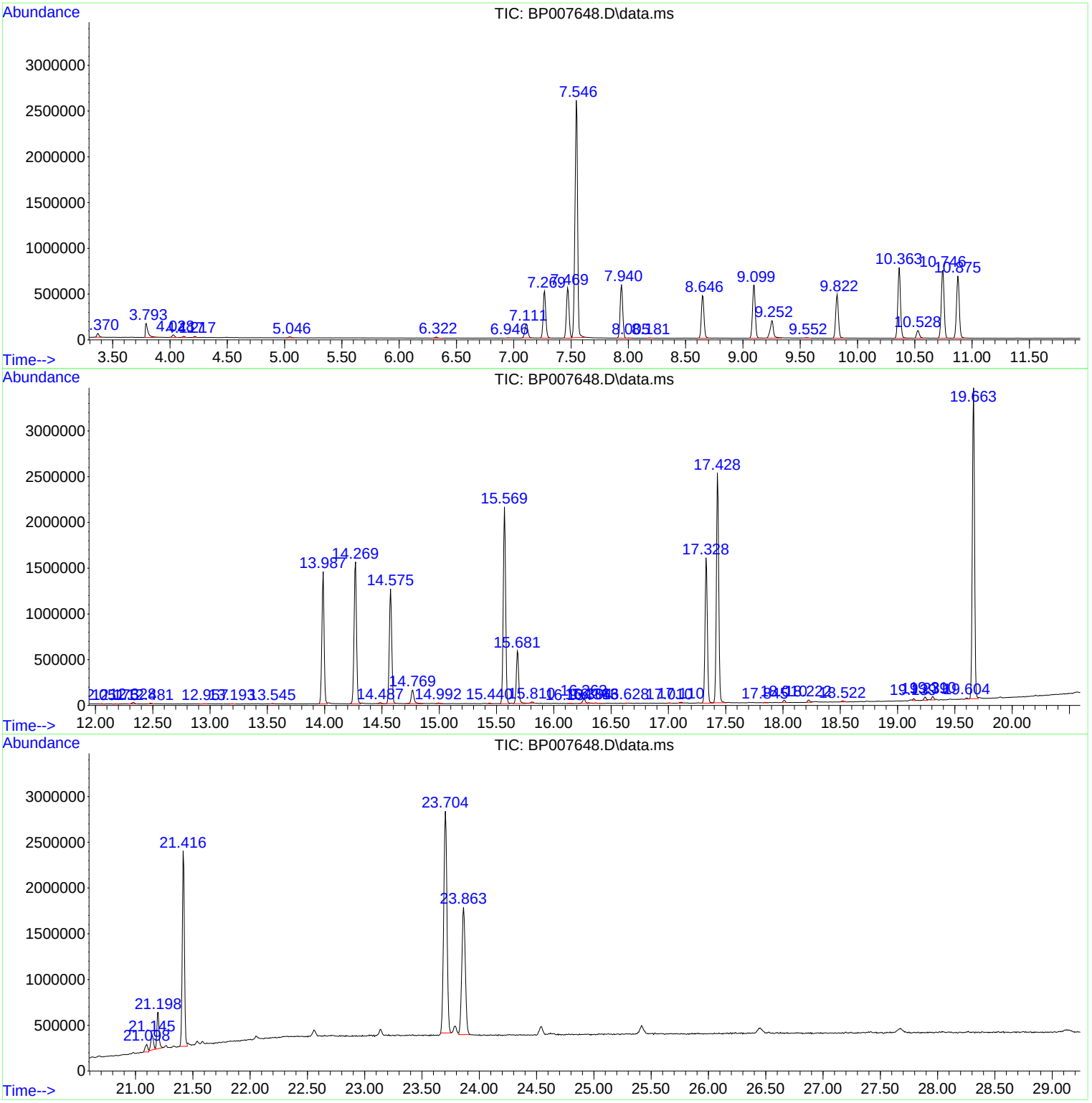
Instrument :
BNA_P
ClientSampleId :
P034-TW001-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
BNA_P
ClientSampleId :
P034-TW001-01

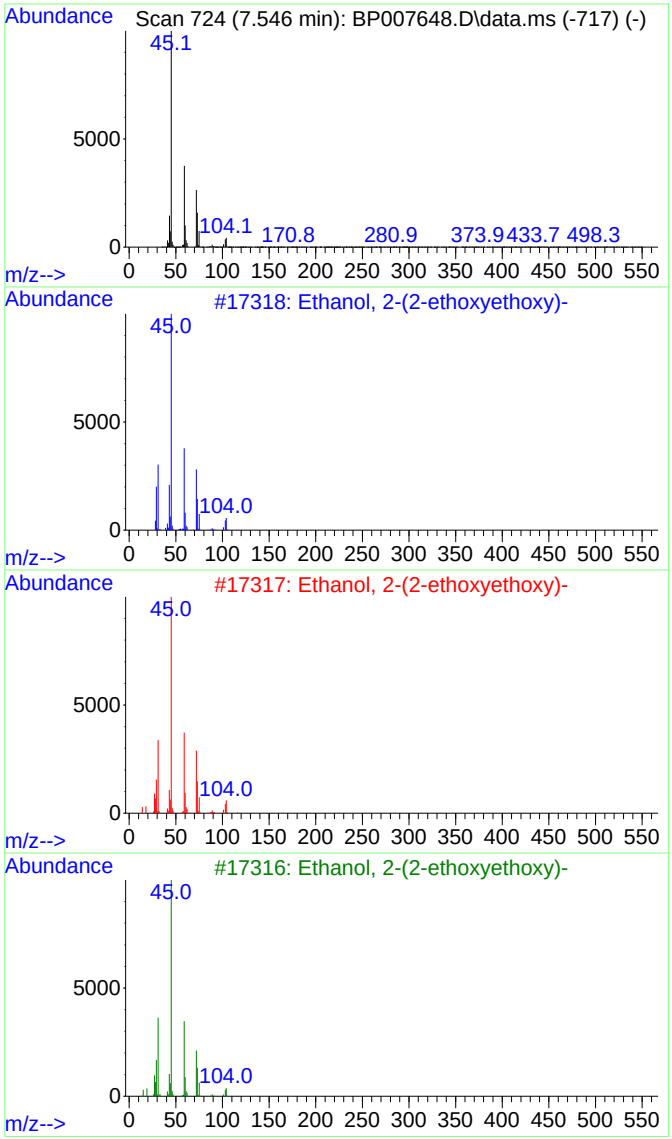
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

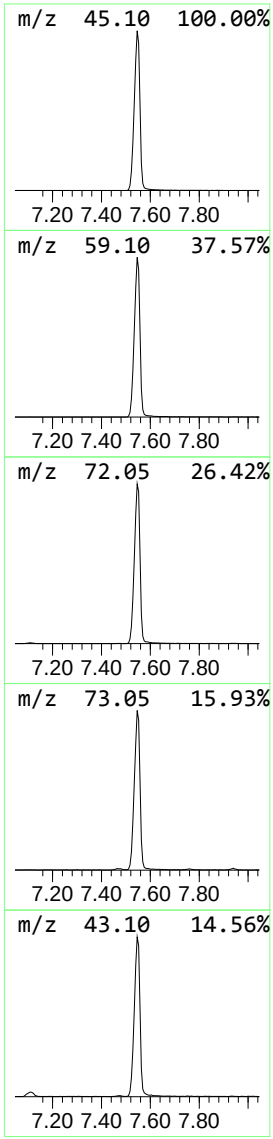
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.546	90.89 ng/ul	4157630	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
4	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
5	Diethyl carbitol	162	C8H18O3	000112-36-7	72





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Instrument :
BNA_P
ClientSampleId :
P034-TW001-01

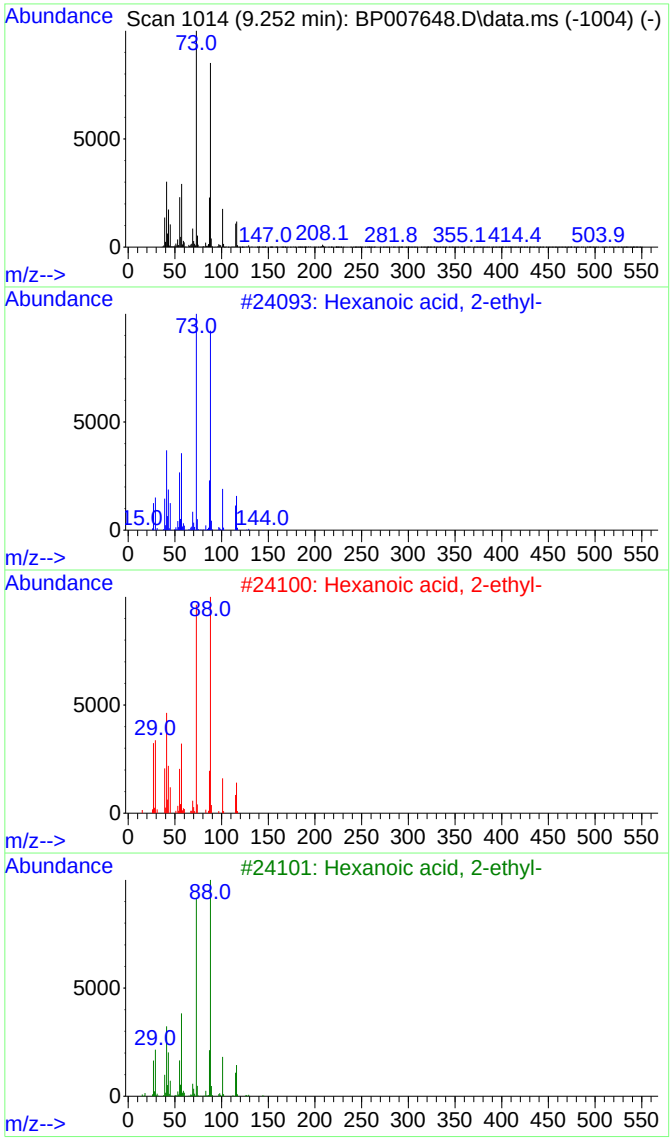
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

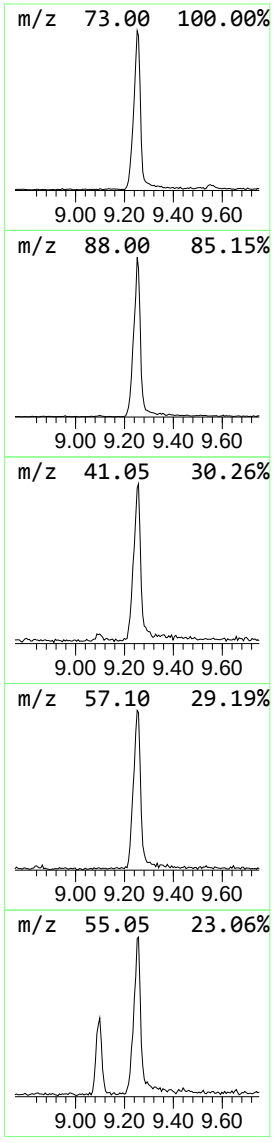
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.252	8.56 ng/ul	391679	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P034-TW001-01

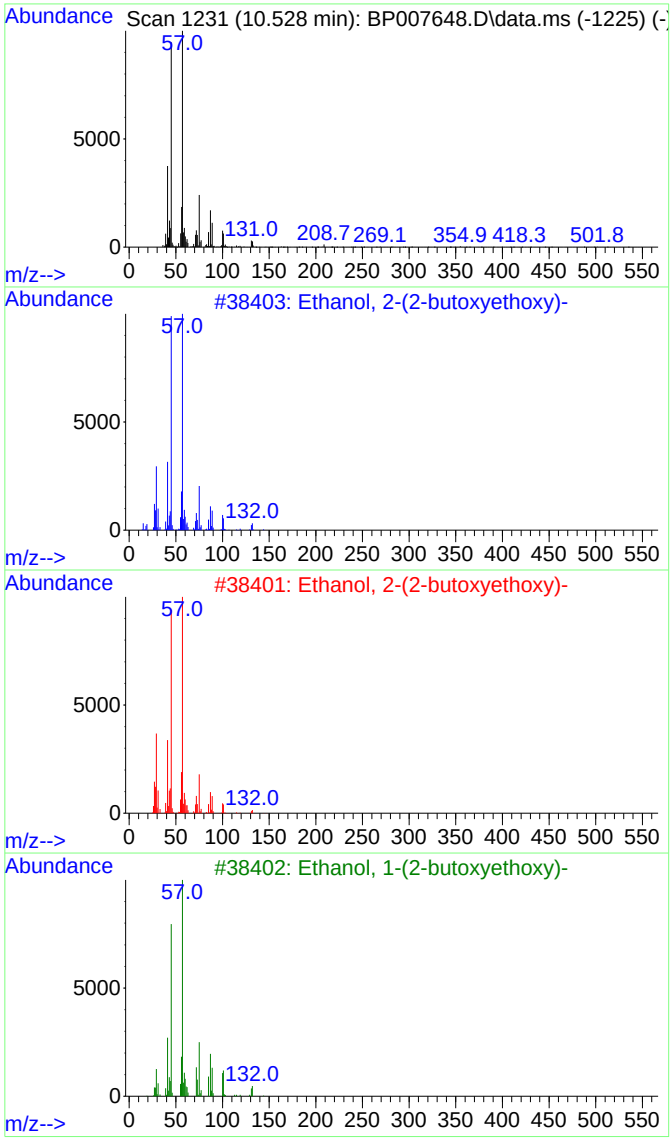
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

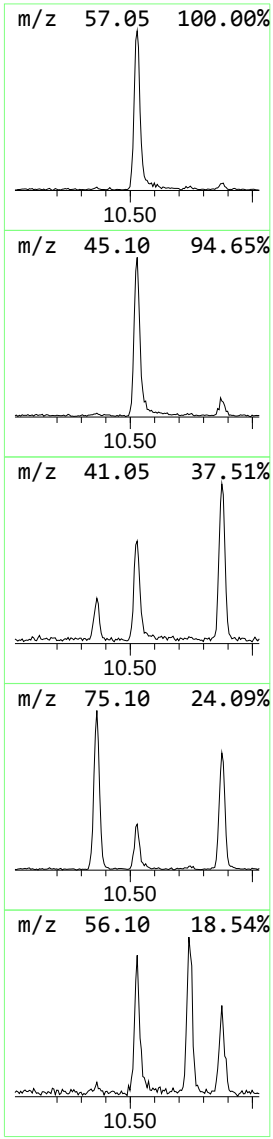
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.528	2.24 ng/ul	145201	Naphthalene-d8	10.746

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	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	59





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : P034-TW001-01

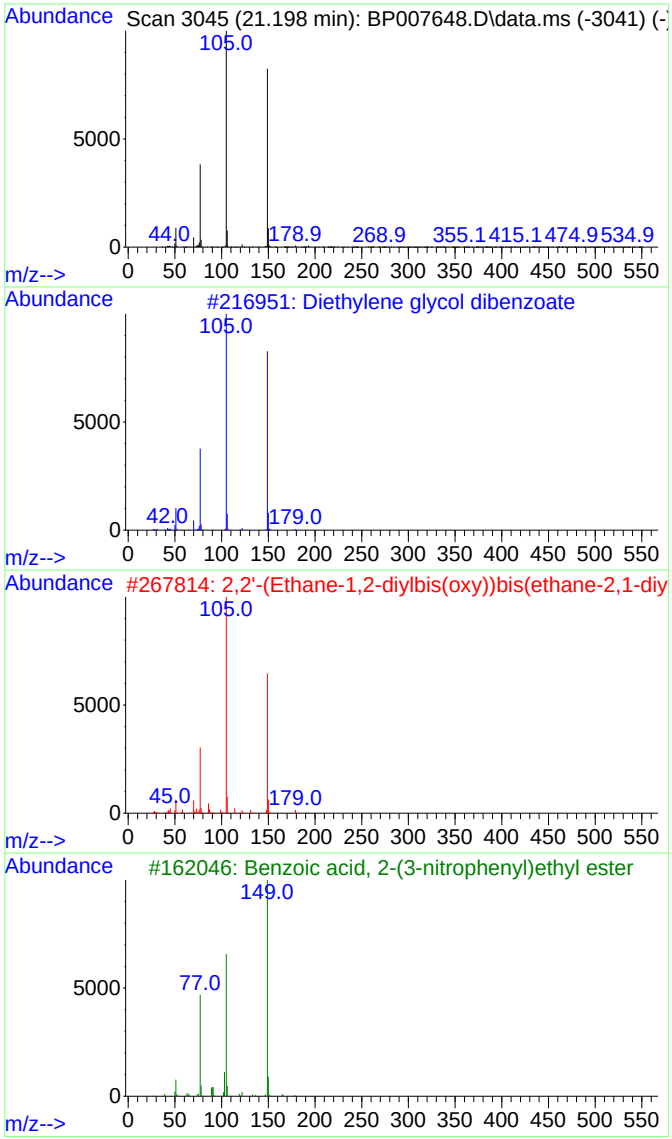
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION

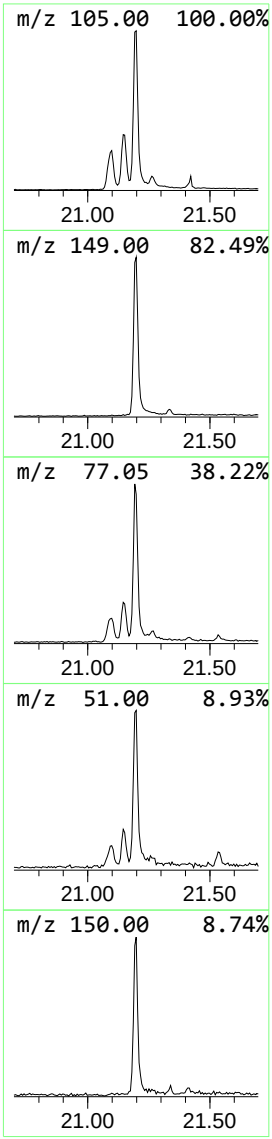
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Diethylene glycol dibenzoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.198	3.63 ng/ul	514168	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	91
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	83
3	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	78
4	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	74





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
Ethanol, 2-(2-e...	7.546	90.9	ng/ul	4157630	1	7.940	914884	20.0
Hexanoic acid, ...	9.252	8.6	ng/ul	391679	1	7.940	914884	20.0
Ethanol, 2-(2-b...	10.528	2.2	ng/ul	145201	2	10.746	1294890	20.0
Diethylene glyc...	21.198	3.6	ng/ul	514168	5	21.416	2829000	20.0