LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006572.D
Acq On : 07 Aug 2021 17:15
Operator : CG/JU
Sample : M3163-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEZ1

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-BP072421.M
Title : SVOA CALIBRATION

Signal : TIC: BP006572.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	29	32	40	rVB2	60133	89119	0.73%	0.130%
2	3.675	97	100	115	rBV	713483	1168344	9.59%	1.698%
3	6.928	647	653	667	rVB	1106991	1768779	14.52%	2.571%
4	7.098	676	682	690	rVB	795550	1277340	10.48%	1.857%
5	7.287	707	714	722	rVB	1052771	1658128	13.61%	2.410%
6	7.751	787	793	800	rVB	685567	1067827	8.76%	1.552%
7	7.822	802	805	810	rVB	33813	46261	0.38%	0.067%
8	8.457	907	913	924	rBV	1310713	2119056	17.39%	3.080%
9	8.904	982	989	1004	rVB	1037442	1699558	13.95%	2.471%
10	9.322	1058	1060	1067	rVB3	14844	23747	0.19%	0.035%
11	9.622	1102	1111	1119	rBV	865070	1403762	11.52%	2.041%
12	10.157	1195	1202	1215	rBV	1199983	2012740	16.52%	2.926%
13	10.328	1225	1231	1242	rBV	215593	367363	3.02%	0.534%
14	10.534	1258	1266	1273	rVB	932497	1535228	12.60%	2.232%
15	10.675	1282	1290	1304	rBV	1238041	2099663	17.23%	3.052%
16	11.610	1442	1449	1453	rBV6	8963	19536	0.16%	0.028%
17	11.810	1475	1483	1490	rVB4	8727	22900	0.19%	0.033%
18	12.122	1530	1536	1546	rVB3	25272	43654	0.36%	0.063%
19	13.216	1716	1722	1729	rVB4	11299	15668	0.13%	0.023%
20	13.692	1796	1803	1808	rBV2	11654	26506	0.22%	0.039%
21	13.798	1815	1821	1834	rBV	1991719	2895783	23.77%	4.209%
22	14.069	1858	1867	1876	rBV	2271070	3465644	28.45%	5.038%
23	14.210	1885	1891	1896	rBV9	5975	12518	0.10%	0.018%
24	14.380	1910	1920	1933	rBV	1301422	1899027	15.59%	2.761%
25	14.586	1945	1955	1977	rBV	926958	1542932	12.66%	2.243%
26	15.192	2053	2058	2064	rBV5	6702	14147	0.12%	0.021%
27	15.304	2072	2077	2082	rBV	40477	66449	0.55%	0.097%
28	15.374	2082	2089	2103	rVV	3015997	4204890	34.51%	6.112%
29	15.498	2103	2110	2122	rVV	864515	1232057	10.11%	1.791%
30	15.610	2126	2129	2138	rVB2	34962	58360	0.48%	0.085%
31	15.833	2163	2167	2175	rVB10	7848	13058	0.11%	0.019%
32	16.063	2200	2206	2212	rBV10	5137	12837	0.11%	0.019%
33	16.710	2310	2316	2330	rBV	91186	183710	1.51%	0.267%
34	16.916	2346	2351	2354	rBV5	8151	13304	0.11%	0.019%
35	17.127	2381	2387	2397	rBV	1497352	2143474	17.59%	3.116%
36	17.233	2398	2405	2418	rVV	3125692	4355198	35.75%	6.331%

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Misc :
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Instrument : BNA_P
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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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Title : SVOA CALIBRATION

37	17.821	2501	2505	2515	rBV5	24858	50158	0.41%	0.073%
38	17.951	2524	2527	2533	rBV	14983	19875	0.16%	0.029%
39	18.033	2537	2541	2548	rBV	131318	180373	1.48%	0.262%
40	18.451	2606	2612	2626	rBV	663724	959512	7.88%	1.395%
41	19.051	2710	2714	2718	rBV2	33142	43420	0.36%	0.063%
42	19.115	2721	2725	2730	rBV	39044	55435	0.46%	0.081%
43	19.274	2748	2752	2756	rBV2	45153	58393	0.48%	0.085%
44	19.474	2780	2786	2793	rBV	3724510	4777802	39.22%	6.945%
45	20.462	2949	2954	2959	rBV	11936932	12182950	100.00%	17.710%
46	20.957	3034	3038	3046	rBV3	157518	261969	2.15%	0.381%
47	21.227	3079	3084	3090	rBV	1827919	2298123	18.86%	3.341%
48	23.403	3447	3454	3461	rBV2	2641191	4864171	39.93%	7.071%
49	23.556	3473	3480	3494	rVB2	1231646	2461825	20.21%	3.579%

Sum of corrected areas: 68792573

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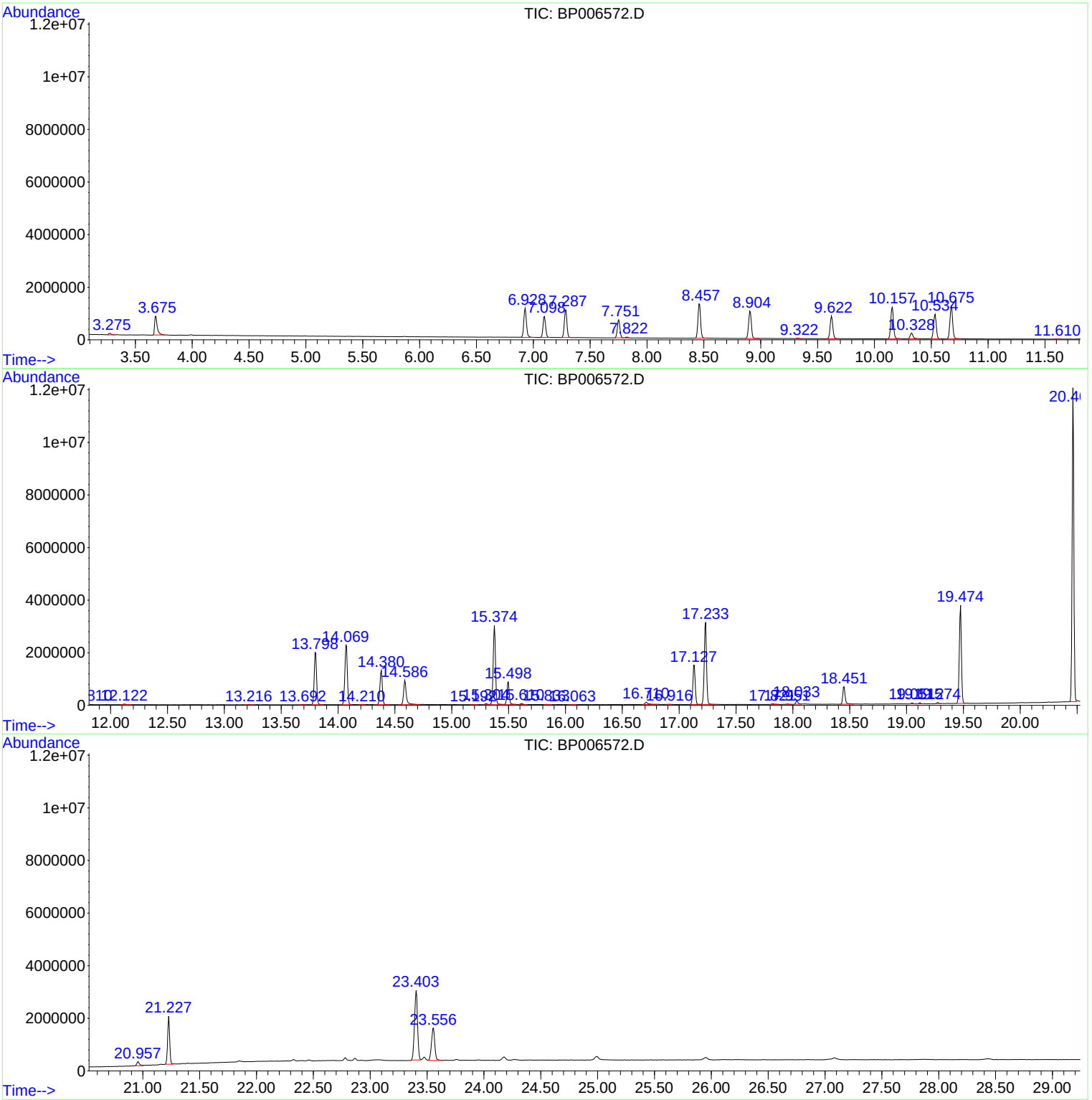
BGEZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

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



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Operator : CG/JU
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEZ1

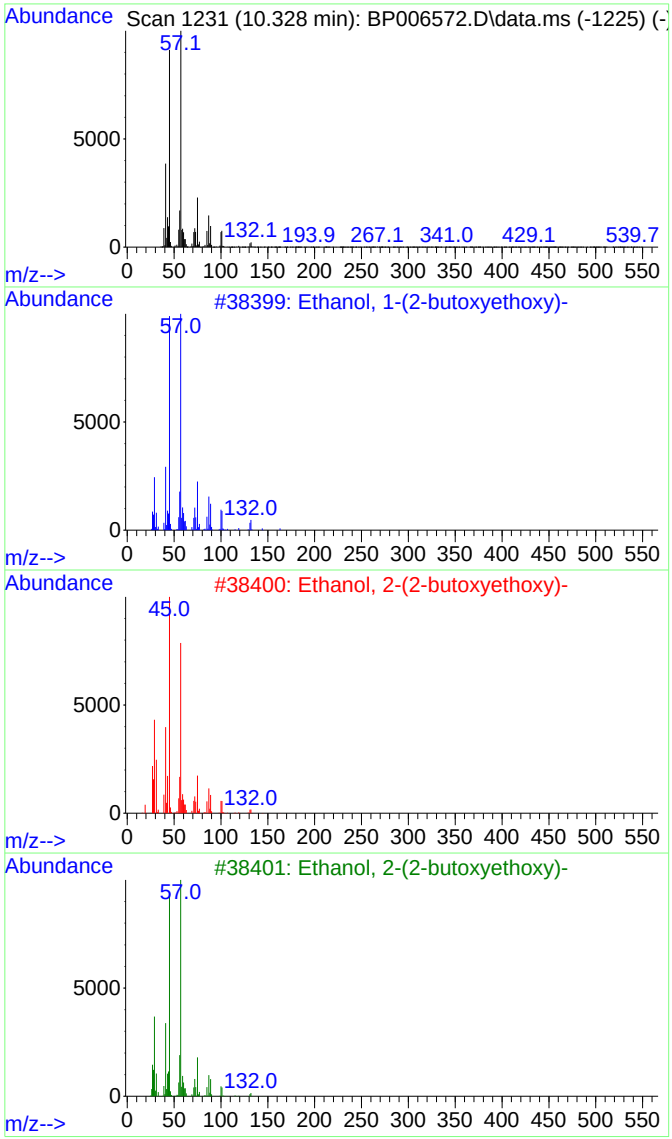
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

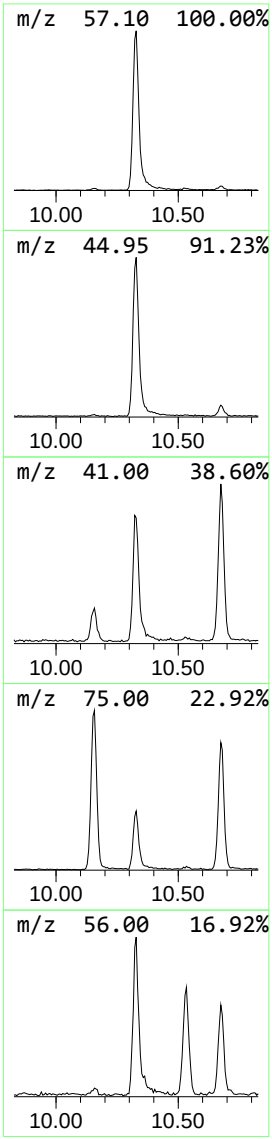
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.330	4.79 ng/ul	367363	Naphthalene-d8	10.534

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEZ1

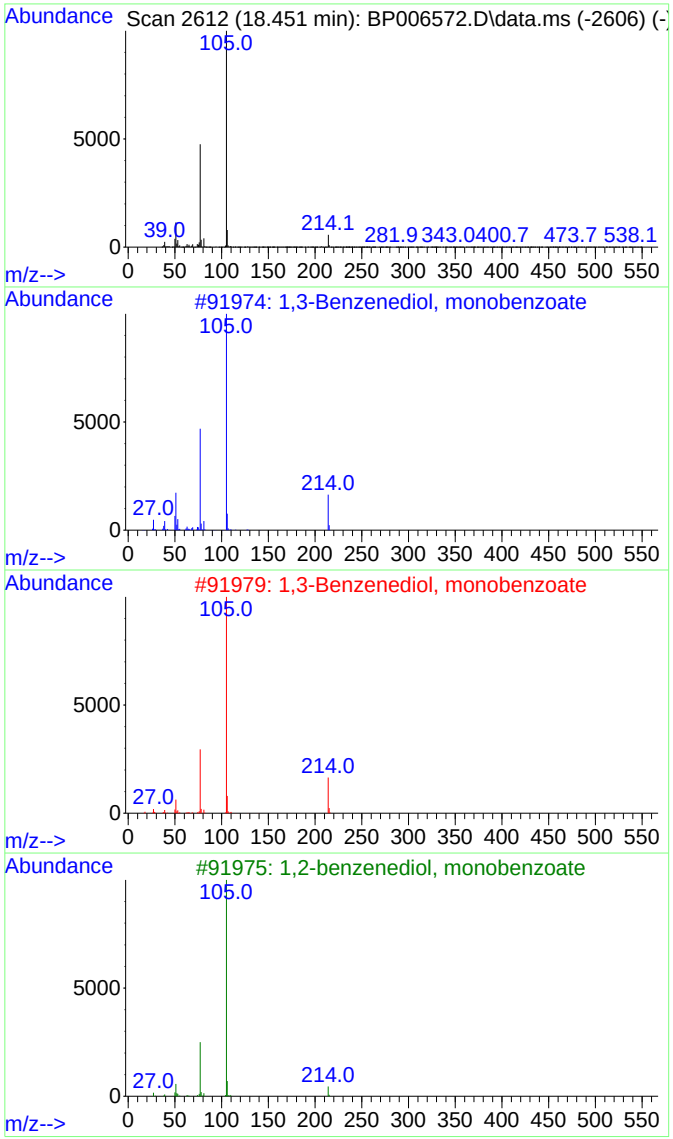
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

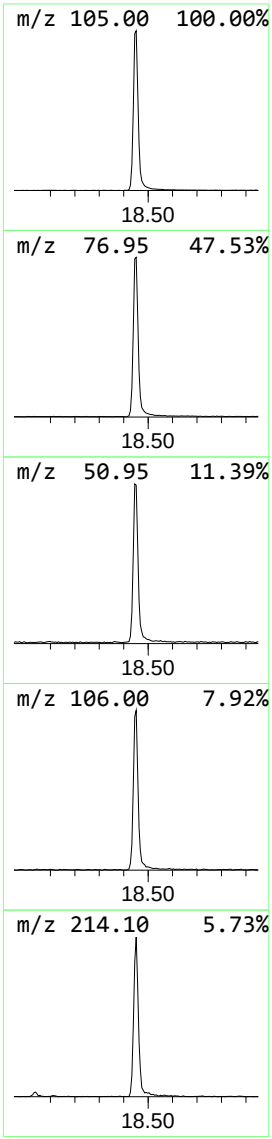
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	8.95 ng/ul	959512	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,2-benzenediol, monobenzoate	214	C13H10O3	1000400-67-6	91
4	N-(3-Chloro-6-hydroxy-4-pyridazi...	249	C11H8ClN3O2	1000240-67-0	87
5	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	87





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Sample : M3163-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEZ1

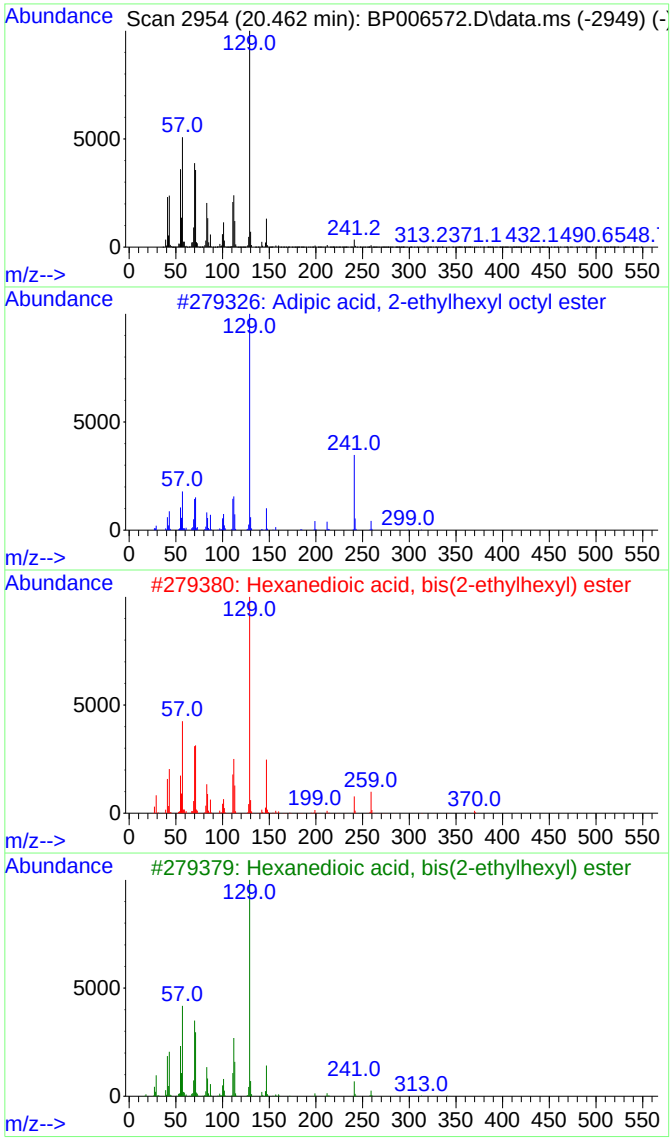
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

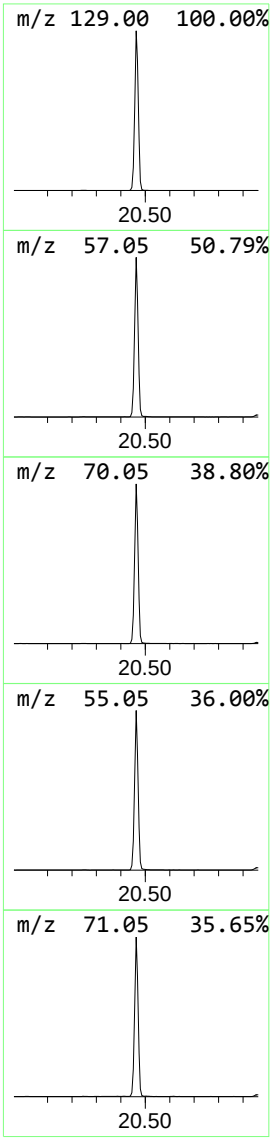
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	106.03 ng/ul	12183000	Chrysene-d12	21.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	90
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87





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Sample : M3163-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGEZ1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

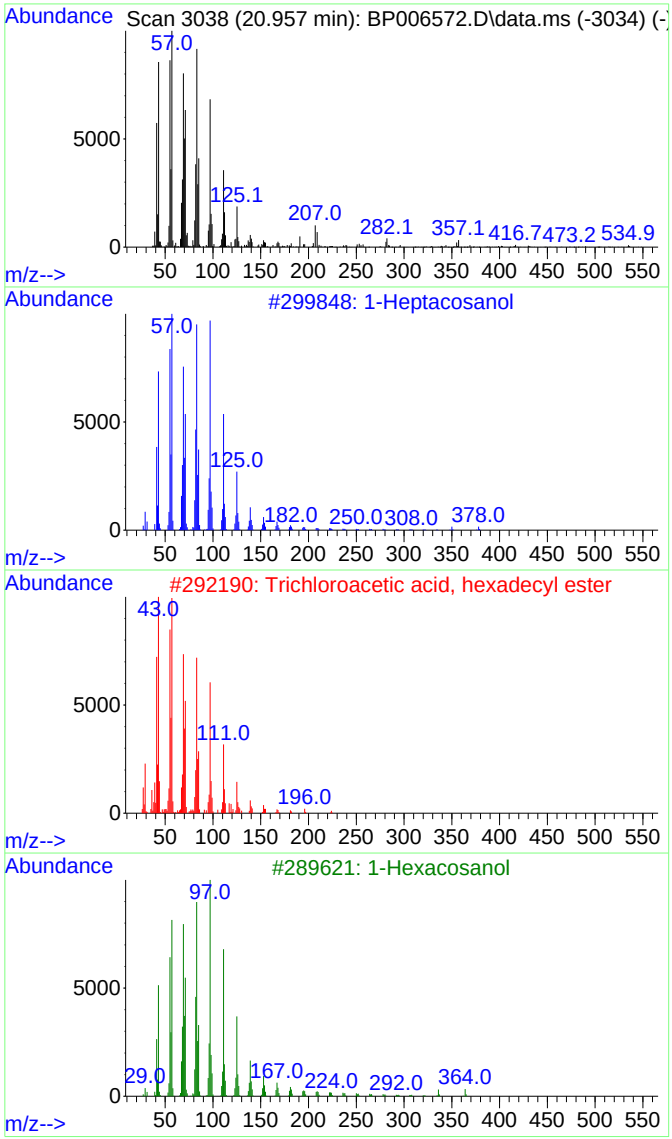
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

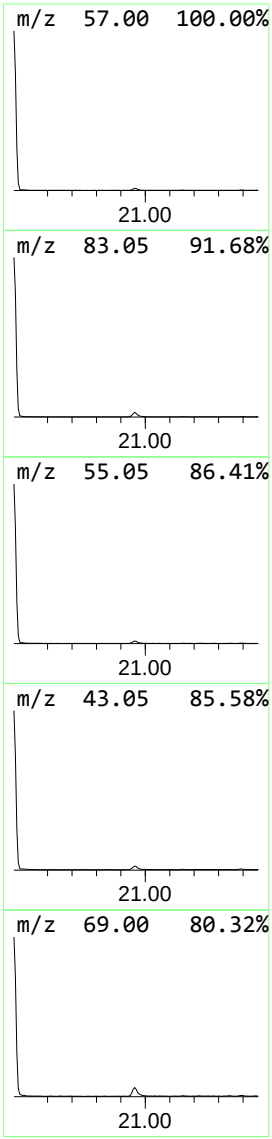
****

Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	2.28 ng/ul	261969	Chrysene-d12	21.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_P
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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, 1-(2-b...	10.330	4.8	ng/ul	367363	2	10.534	1535230	20.0
1,3-Benzenediol...	18.450	8.9	ng/ul	959512	4	17.133	2143470	20.0
Adipic acid, 2-...	20.460	106.0	ng/ul	12183000	5	21.227	2298120	20.0
1-Heptacosanol	20.960	2.3	ng/ul	261969	5	21.227	2298120	20.0