LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGF01

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: BP006571.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	36	rVB	78212	97051	1.71%	0.142%
2	3.681	97	101	118	rVB	957748	1593682	28.04%	2.328%
3	6.928	647	653	670	rVB	1342488	2126140	37.41%	3.106%
4	7.099	676	682	696	rVB	1034640	1649016	29.02%	2.409%
5	7.287	707	714	725	rVB	1327939	2109827	37.13%	3.082%
6	7.752	787	793	801	rVB	704693	1084060	19.08%	1.584%
7	7.822	801	805	809	rVB2	21489	29678	0.52%	0.043%
8	8.457	907	913	923	rBV	1577687	2521661	44.37%	3.684%
9	8.904	982	989	997	rBV	1262666	2066408	36.36%	3.019%
10	9.328	1057	1061	1067	rVB	18452	27381	0.48%	0.040%
11	9.622	1104	1111	1120	rBV	1063752	1672505	29.43%	2.443%
12	10.046	1181	1183	1189	rVB4	6929	8948	0.16%	0.013%
13	10.157	1194	1202	1215	rBV	1461925	2401255	42.25%	3.508%
14	10.328	1225	1231	1249	rVB	243476	426812	7.51%	0.624%
15	10.534	1258	1266	1274	rVB	936229	1561821	27.48%	2.282%
16	10.675	1282	1290	1308	rBV	1460744	2507008	44.12%	3.662%
17	11.816	1478	1484	1488	rBV5	6977	12718	0.22%	0.019%
18	12.051	1518	1524	1526	rBV6	4619	8497	0.15%	0.012%
19	12.122	1529	1536	1542	rVB2	29663	49340	0.87%	0.072%
20	12.340	1570	1573	1577	rVB6	4532	6268	0.11%	0.009%
21	12.792	1646	1650	1655	rVB8	3870	6182	0.11%	0.009%
22	12.998	1680	1685	1693	rVB8	6051	10418	0.18%	0.015%
23	13.216	1717	1722	1729	rVB	15364	22769	0.40%	0.033%
24	13.292	1729	1735	1740	rBV6	7714	14009	0.25%	0.020%
25	13.351	1740	1745	1748	rBV6	6785	9992	0.18%	0.015%
26	13.798	1814	1821	1830	rBV	2440604	3402335	59.87%	4.970%
27	14.075	1855	1868	1879	rBV	2688761	4088242	71.94%	5.972%
28	14.292	1902	1905	1909	rVB5	5948	8791	0.15%	0.013%
29	14.381	1911	1920	1929	rBV	1248974	1901009	33.45%	2.777%
30	14.586	1945	1955	1972	rBV	1089494	1800579	31.68%	2.630%
31	14.804	1989	1992	1999	rVB9	11412	19197	0.34%	0.028%
32	14.928	2009	2013	2017	rVB4	4053	5820	0.10%	0.009%
33	15.310	2074	2078	2082	rBV4	7261	12137	0.21%	0.018%
34	15.375	2082	2089	2103	rVV	3434067	4829398	84.98%	7.055%
35	15.492	2103	2109	2122	rVV	1013558	1416298	24.92%	2.069%
36	15.616	2125	2130	2141	rVB	41083	69668	1.23%	0.102%

LSC Area Percent Report

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Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGF01

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

37	15.833	2164	2167	2173	rVB8	7071	8812	0.16%	0.013%
38	15.945	2181	2186	2194	rBV10	4195	11018	0.19%	0.016%
39	16.057	2200	2205	2211	rBV9	6834	14848	0.26%	0.022%
40	16.163	2220	2223	2227	rVV4	7335	8430	0.15%	0.012%
41	16.404	2258	2264	2265	rBV5	3666	5770	0.10%	0.008%
42	16.539	2283	2287	2289	rBV5	5174	5980	0.11%	0.009%
43	16.628	2297	2302	2305	rBV7	3717	7108	0.13%	0.010%
44	16.710	2311	2316	2325	rBV4	13384	30841	0.54%	0.045%
45	16.916	2346	2351	2354	rBV4	7685	13401	0.24%	0.020%
46	17.127	2381	2387	2397	rBV	1499525	2155572	37.93%	3.149%
47	17.233	2397	2405	2417	rBV	3398099	5054734	88.95%	7.384%
48	17.510	2449	2452	2456	rBV5	5331	7129	0.13%	0.010%
49	17.675	2478	2480	2486	rBV6	6188	6669	0.12%	0.010%
50	17.822	2500	2505	2510	rBV2	32878	48164	0.85%	0.070%
51	18.033	2536	2541	2550	rBV	157148	249808	4.40%	0.365%
52	18.451	2607	2612	2618	rBV	156755	231147	4.07%	0.338%
53	18.957	2696	2698	2701	rVB3	16974	16041	0.28%	0.023%
54	19.051	2709	2714	2718	rBV2	44854	63583	1.12%	0.093%
55	19.116	2722	2725	2730	rVV2	44154	67782	1.19%	0.099%
56	19.274	2748	2752	2759	rBV	65521	92840	1.63%	0.136%
57	19.474	2780	2786	2793	rBV	4374075	5572165	98.05%	8.140%
58	19.533	2793	2796	2800	rVB	36624	41775	0.74%	0.061%
59	20.016	2876	2878	2882	rVB3	32743	35648	0.63%	0.052%
60	20.410	2935	2945	2949	rBV10	107553	373709	6.58%	0.546%
61	20.463	2950	2954	2959	rVV	3377297	3627403	63.83%	5.299%
62	20.957	3034	3038	3045	rBV	287563	411342	7.24%	0.601%
63	21.227	3079	3084	3090	rBV	1985731	2389331	42.04%	3.491%
64	21.392	3109	3112	3120	rBV	75449	87152	1.53%	0.127%
65	21.839	3186	3188	3197	rVB3	69666	97540	1.72%	0.142%
66	23.404	3447	3454	3461	rBV2	3059162	5682822	100.00%	8.302%
67	23.551	3473	3479	3492	rVB2	1263662	2456503	43.23%	3.589%

Sum of corrected areas: 68451987

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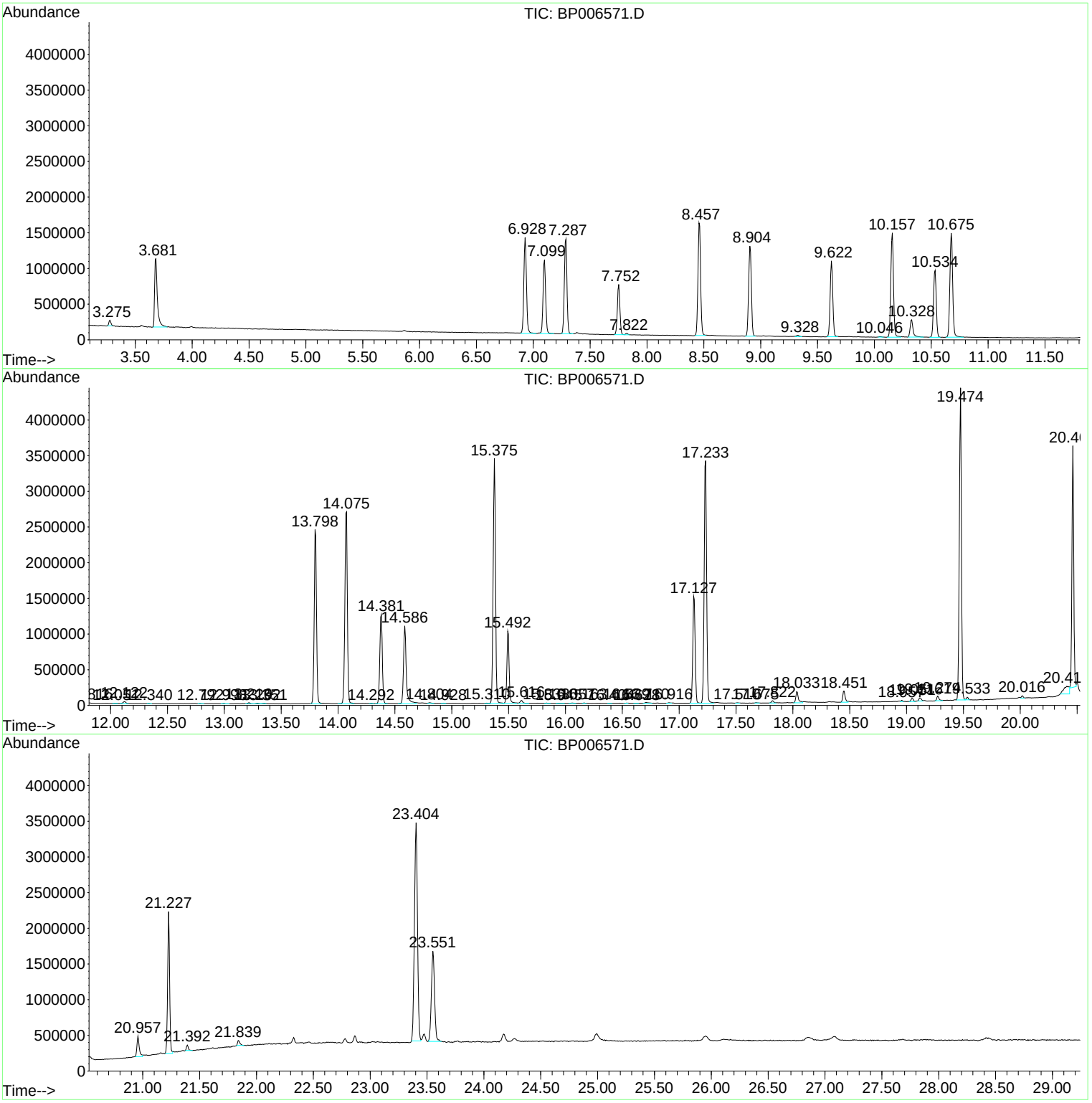
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGF01

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
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ClientSampleId :
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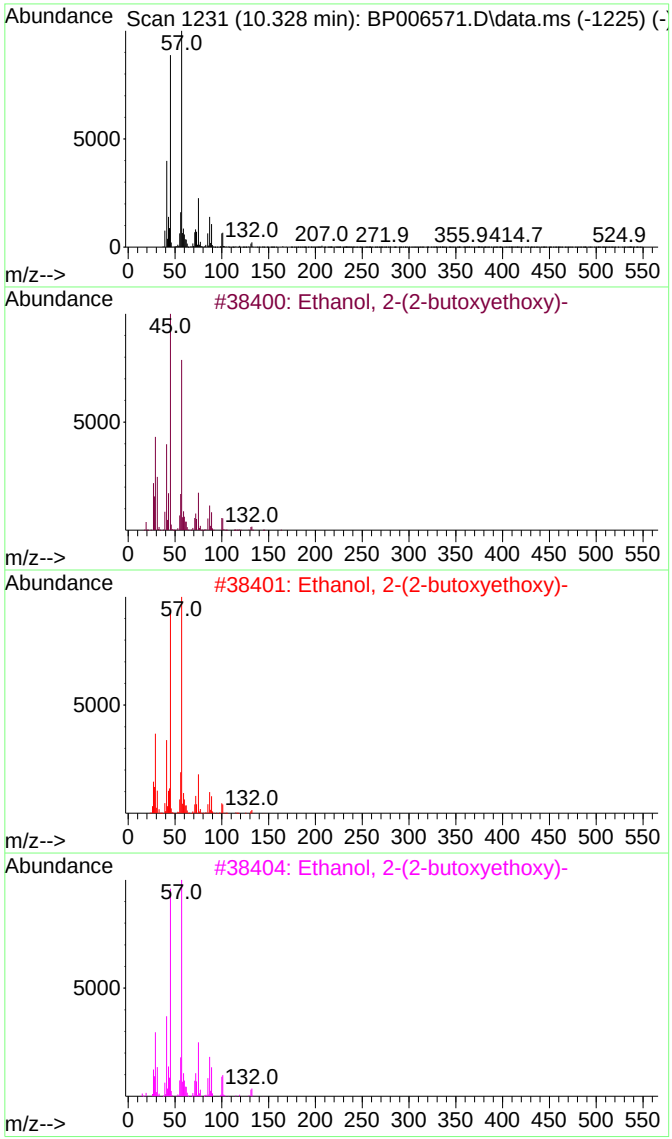
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

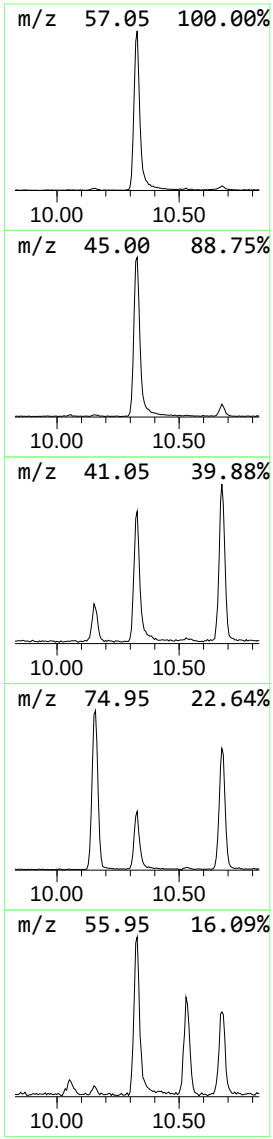
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.330	5.47 ng/ul	426812	Naphthalene-d8	10.534

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, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGF01

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

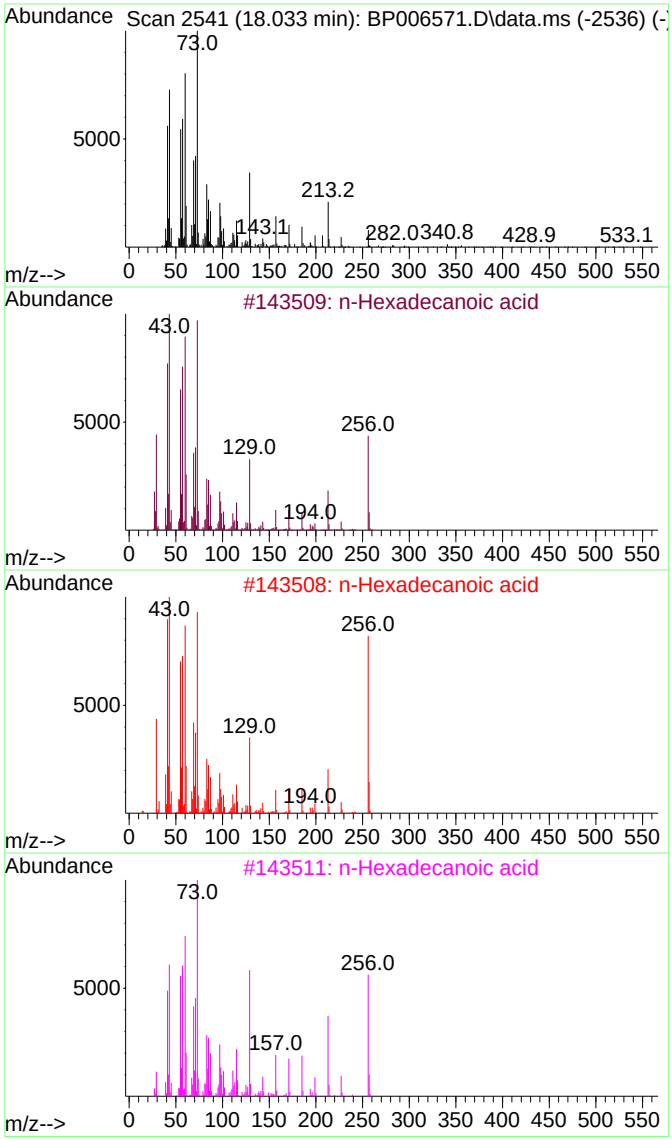
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

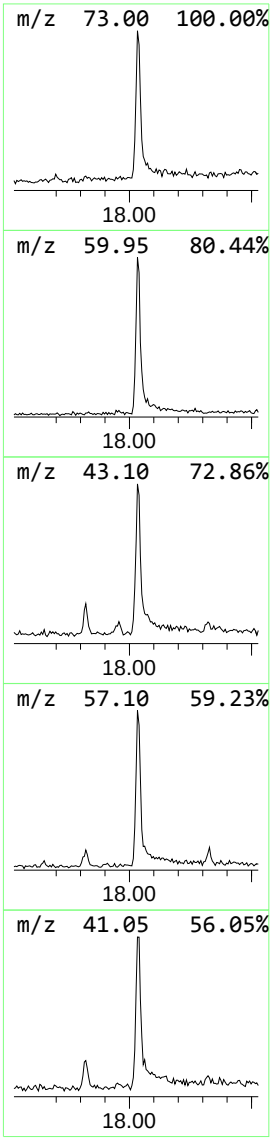
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	2.32 ng/ul	249808	Phenanthrene-d10	17.128

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGF01

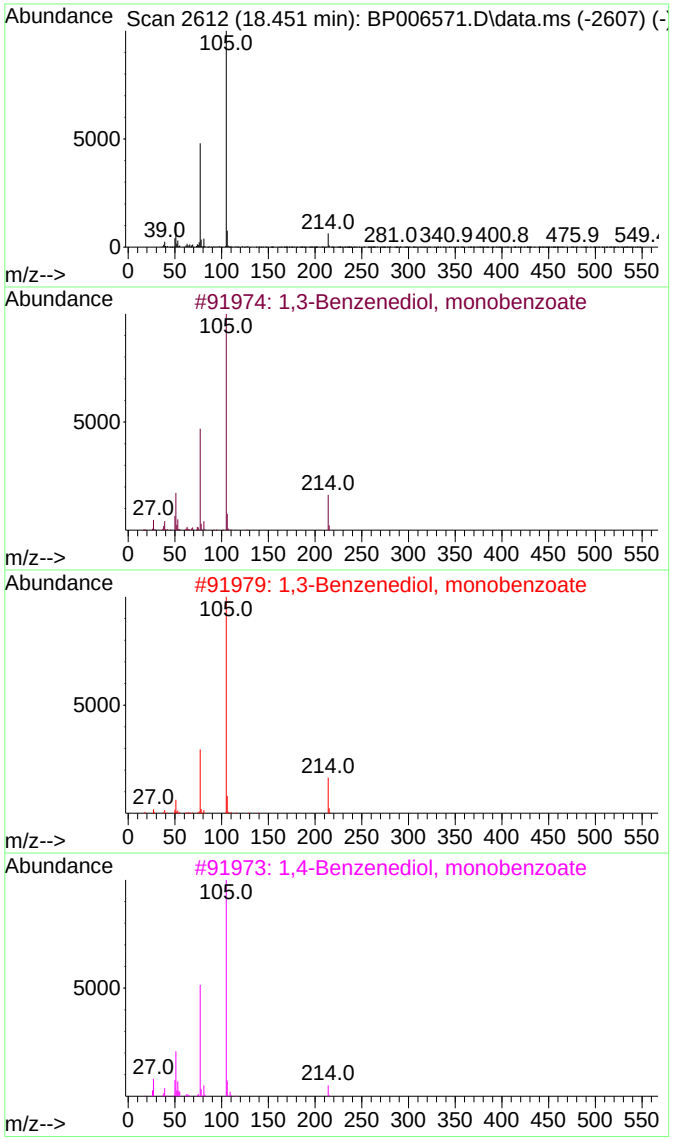
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

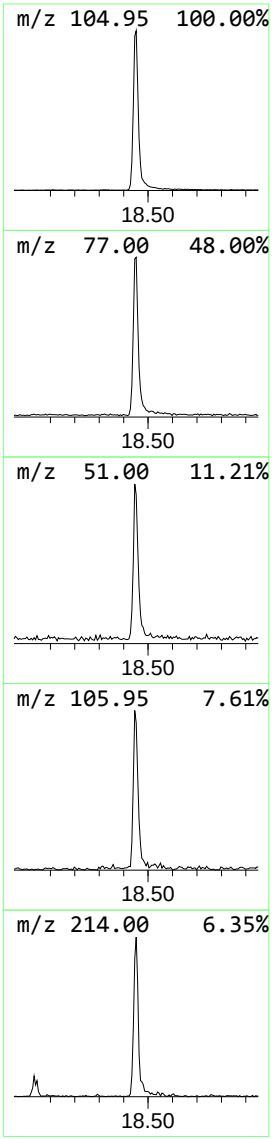
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.450	2.14 ng/ul	231147	Phenanthrene-d10	17.128

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	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
4	4-(Benzoyloxy)benzoic acid	242	C14H10O4	028547-23-1	86
5	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGF01

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

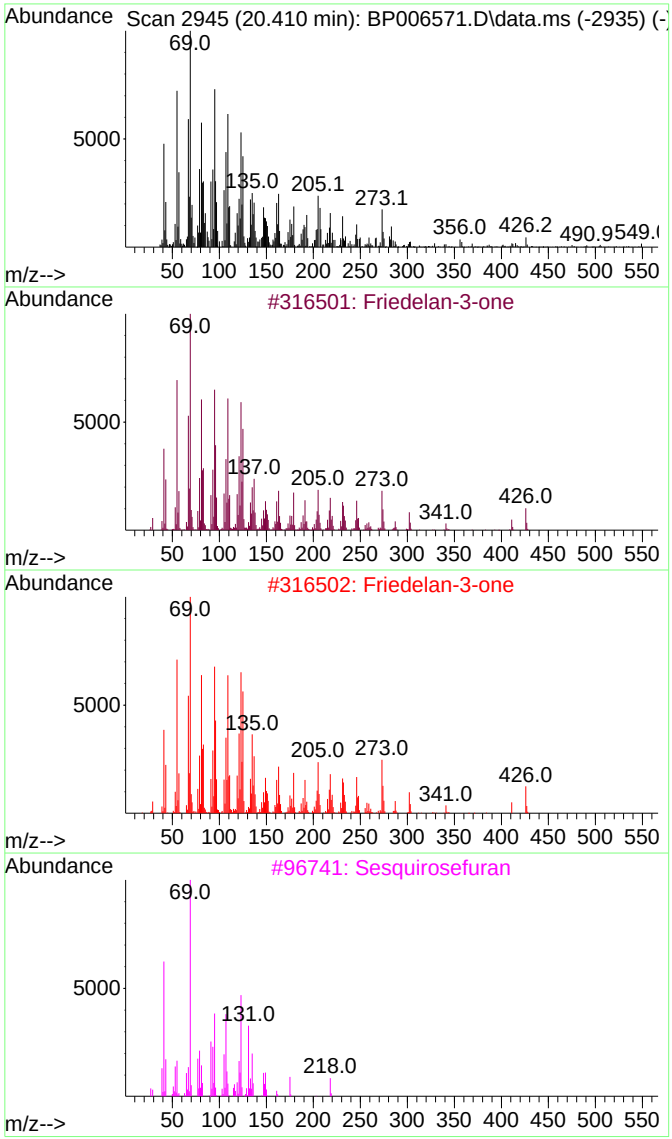
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

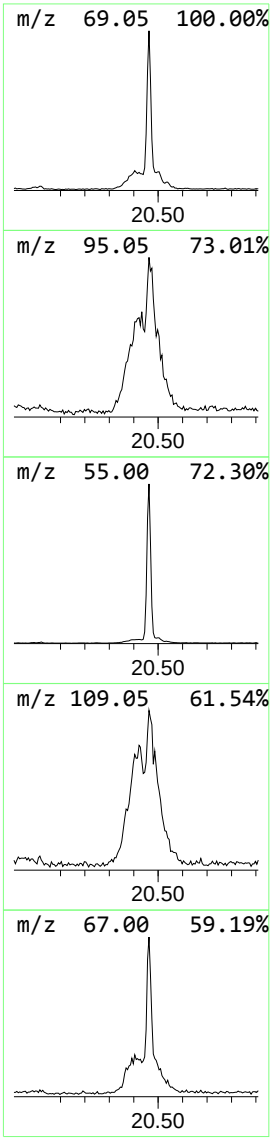
****

Peak Number 4 Sesquirosefuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.410	3.13 ng/ul	373709	Chrysene-d12	21.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	95
2	Friedelan-3-one	426	C30H50O	000559-74-0	94
3	Sesquirosefuran	218	C15H22O	039007-93-7	92
4	Friedelan-3-one	426	C30H50O	000559-74-0	90
5	Sesquirosefuran	218	C15H22O	039007-93-7	53





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Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGF01

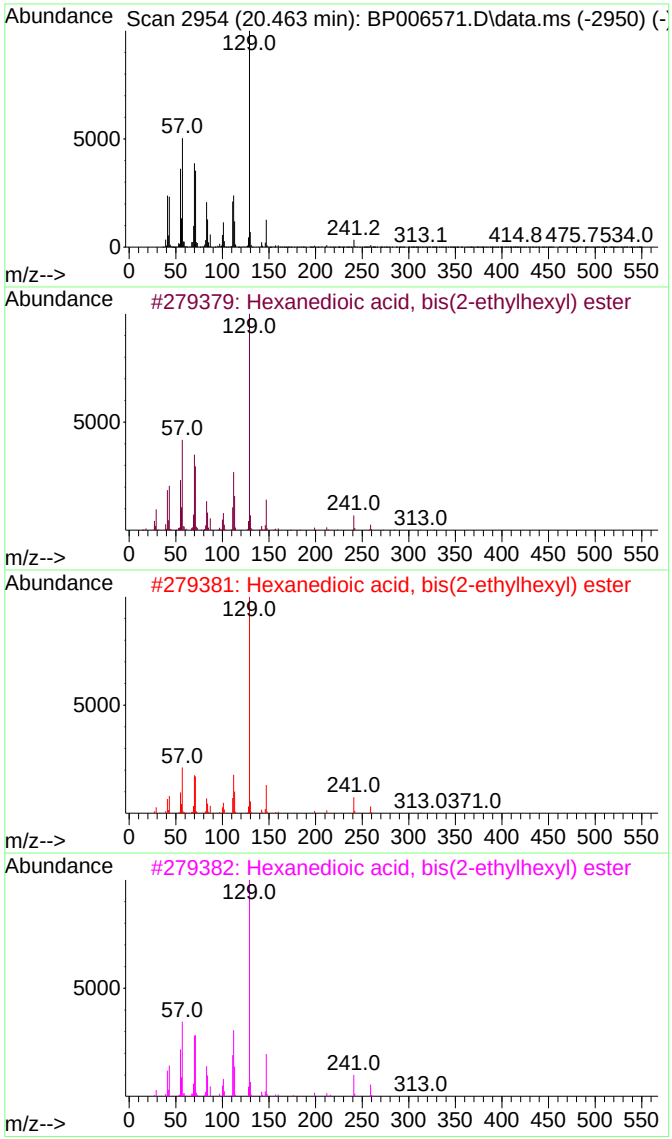
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

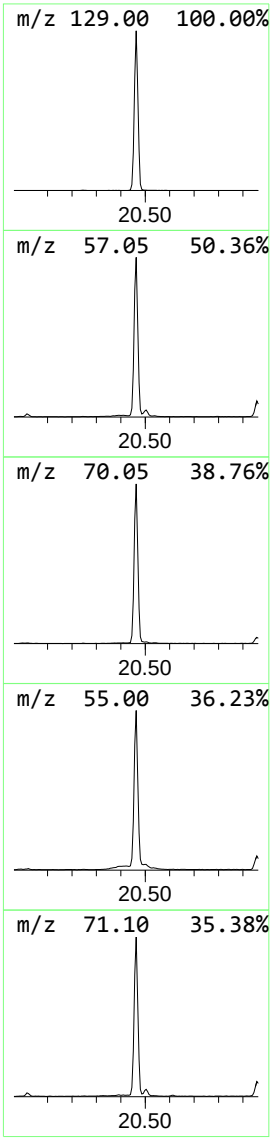
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.460	30.36 ng/ul	3627400	Chrysene-d12	21.227

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	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58
5	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	58





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Sample : M3163-01
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGF01

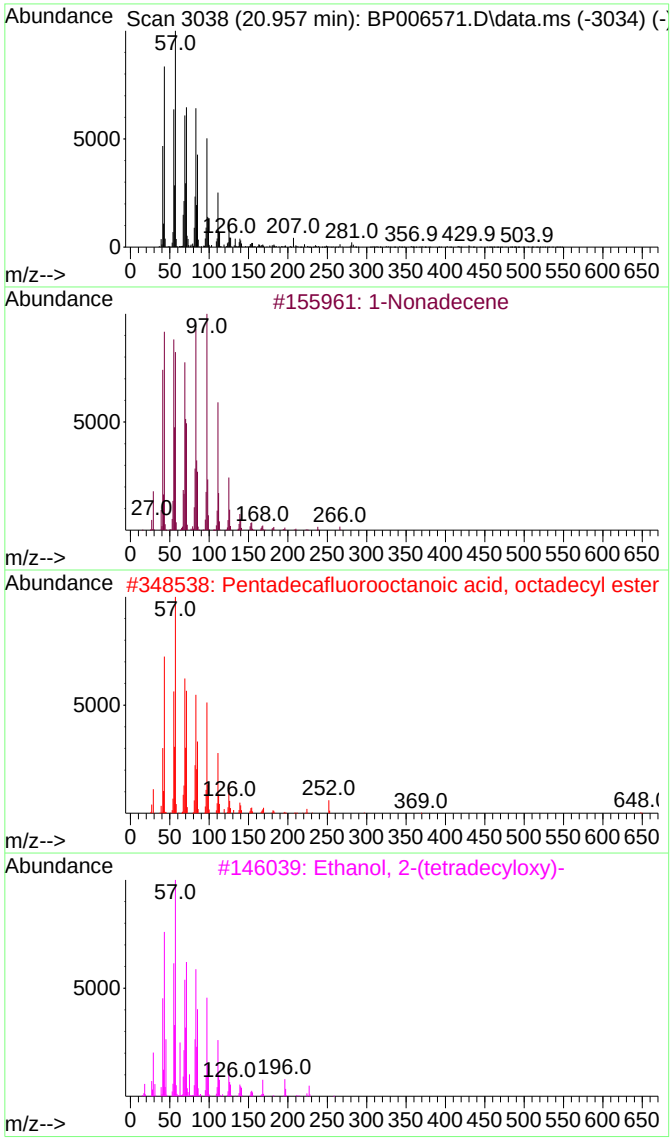
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

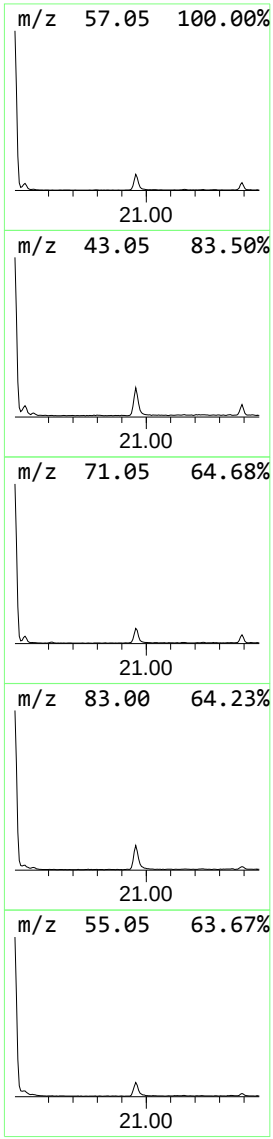
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.960	3.44 ng/ul	411342	Chrysene-d12	21.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87
5	Cyclooctacosane	392	C28H56	000297-24-5	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080721\
Data File : BP006571.D
Acq On : 07 Aug 2021 16:40
Operator : CG/JU
Sample : M3163-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGF01

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.330	5.5	ng/ul	426812	2	10.534	1561820	20.0
n-Hexadecanoic ...	18.030	2.3	ng/ul	249808	4	17.128	2155570	20.0
1,3-Benzenediol...	18.450	2.1	ng/ul	231147	4	17.128	2155570	20.0
Sesquirosefuran	20.410	3.1	ng/ul	373709	5	21.227	2389330	20.0
Hexanedioic aci...	20.460	30.4	ng/ul	3627400	5	21.227	2389330	20.0
(DEL) Alkane: S...	20.960	3.4	ng/ul	411342	5	21.227	2389330	20.0