LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011961.D
Acq On : 06 Oct 2022 09:55
Operator : CG/JU
Sample : N4956-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8S8

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	31	rVB	5016783	6446635	100.00%	9.756%
2	3.299	49	53	57	rBV	54230	66214	1.03%	0.100%
3	3.728	123	126	131	rBV	127318	175545	2.72%	0.266%
4	3.775	131	134	139	rVV	52879	79298	1.23%	0.120%
5	3.822	139	142	151	rVB	24793	38452	0.60%	0.058%
6	3.946	159	163	168	rVB	31449	45795	0.71%	0.069%
7	4.046	175	180	191	rVB	28548	46315	0.72%	0.070%
8	4.270	213	218	229	rBV	169224	232931	3.61%	0.353%
9	4.470	248	252	258	rVB	12150	17412	0.27%	0.026%
10	4.681	283	288	294	rBV	94340	133274	2.07%	0.202%
11	4.969	333	337	345	rVB5	7101	14206	0.22%	0.021%
12	5.075	351	355	364	rVB3	10880	18860	0.29%	0.029%
13	6.269	552	558	564	rBV5	6903	11999	0.19%	0.018%
14	6.546	603	605	613	rVB6	3737	7351	0.11%	0.011%
15	7.040	683	689	701	rBV2	158233	316296	4.91%	0.479%
16	7.211	711	718	734	rBV	636927	1047067	16.24%	1.585%
17	7.405	743	751	763	rBV	591932	986863	15.31%	1.493%
18	7.875	824	831	840	rBV	958424	1580301	24.51%	2.392%
19	7.946	840	843	846	rVB2	6003	8948	0.14%	0.014%
20	8.587	942	952	963	rBV	462928	820899	12.73%	1.242%
21	9.046	1021	1030	1041	rBV	680155	1164166	18.06%	1.762%
22	9.216	1054	1059	1064	rVB8	6752	12946	0.20%	0.020%
23	9.452	1093	1099	1109	rVB3	22623	46156	0.72%	0.070%
24	9.769	1145	1153	1170	rBV	496449	864490	13.41%	1.308%
25	10.199	1221	1226	1234	rBV10	4655	10198	0.16%	0.015%
26	10.304	1237	1244	1262	rBV	812773	1496324	23.21%	2.264%
27	10.475	1268	1273	1288	rVB3	21097	65193	1.01%	0.099%
28	10.687	1301	1309	1326	rBV	1382288	2378536	36.90%	3.600%
29	10.828	1326	1333	1352	rVV	540154	1049058	16.27%	1.588%
30	10.969	1355	1357	1365	rVB9	7060	14445	0.22%	0.022%
31	11.210	1394	1398	1406	rVB9	4475	9403	0.15%	0.014%
32	11.951	1518	1524	1526	rBV4	5150	6940	0.11%	0.011%
33	12.104	1543	1550	1556	rBV4	7353	14486	0.22%	0.022%
34	12.193	1560	1565	1569	rBV7	4623	8345	0.13%	0.013%
35	12.275	1572	1579	1586	rBV2	15694	28973	0.45%	0.044%
36	12.481	1607	1614	1618	rBV10	3694	9976	0.15%	0.015%

LSC Area Percent Report

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Sample : N4956-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S8

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-BP093022.M
Title : SVOA CALIBRATION

37	13.087	1710	1717	1721	rVV5	7493	13713	0.21%	0.021%
38	13.134	1721	1725	1730	rVB6	6444	11206	0.17%	0.017%
39	13.346	1756	1761	1769	rVB2	18409	28026	0.43%	0.042%
40	13.422	1769	1774	1780	rVB3	19782	32041	0.50%	0.048%
41	13.481	1780	1784	1793	rBV6	7279	17085	0.27%	0.026%
42	13.934	1855	1861	1875	rBV	1831850	2557659	39.67%	3.871%
43	14.216	1898	1909	1920	rBV	1979053	3012587	46.73%	4.559%
44	14.422	1939	1944	1949	rVB2	9710	14830	0.23%	0.022%
45	14.522	1954	1961	1976	rBV	2194720	3246392	50.36%	4.913%
46	14.734	1992	1997	2012	rBV2	77187	212596	3.30%	0.322%
47	14.940	2028	2032	2040	rVB10	12714	24238	0.38%	0.037%
48	15.122	2058	2063	2068	rBV4	14405	22805	0.35%	0.035%
49	15.269	2085	2088	2092	rVB	8300	11077	0.17%	0.017%
50	15.322	2094	2097	2099	rBV3	6231	7770	0.12%	0.012%
51	15.416	2110	2113	2118	rVB7	6845	9086	0.14%	0.014%
52	15.516	2124	2130	2144	rBV	2830417	4223338	65.51%	6.391%
53	15.634	2144	2150	2161	rBV	715464	1040468	16.14%	1.575%
54	15.757	2167	2171	2180	rVB5	15275	28196	0.44%	0.043%
55	16.239	2248	2253	2256	rBV6	14084	23294	0.36%	0.035%
56	16.316	2262	2266	2271	rVB2	10009	15571	0.24%	0.024%
57	16.681	2324	2328	2333	rVB7	14670	23549	0.37%	0.036%
58	17.039	2385	2389	2392	rBV3	25153	39101	0.61%	0.059%
59	17.175	2409	2412	2419	rVB8	15489	28297	0.44%	0.043%
60	17.281	2423	2430	2435	rBV	2677908	3890363	60.35%	5.887%
61	17.322	2435	2437	2441	rVV	268612	321285	4.98%	0.486%
62	17.381	2441	2447	2455	rVB2	3451930	4987584	77.37%	7.548%
63	17.504	2464	2468	2476	rVB4	42460	69896	1.08%	0.106%
64	17.645	2488	2492	2499	rBV3	87362	129054	2.00%	0.195%
65	17.951	2540	2544	2548	rBV3	19650	23590	0.37%	0.036%
66	17.992	2548	2551	2552	rBV2	11110	12529	0.19%	0.019%
67	18.163	2575	2580	2588	rBV	275203	413305	6.41%	0.625%
68	18.804	2686	2689	2693	rBV4	24337	29327	0.45%	0.044%
69	19.192	2752	2755	2762	rVB3	45348	63793	0.99%	0.097%
70	19.257	2763	2766	2778	rBV2	75007	169946	2.64%	0.257%
71	19.398	2786	2790	2798	rBV	176232	246506	3.82%	0.373%
72	19.616	2821	2827	2832	rBV	4714582	6094027	94.53%	9.222%
73	20.616	2995	2997	3000	rVB2	95164	92672	1.44%	0.140%
74	21.075	3071	3075	3082	rBV	447655	715610	11.10%	1.083%
75	21.369	3120	3125	3134	rBV	3500082	4297650	66.67%	6.504%
76	23.639	3504	3511	3529	rVB2	3076031	6328810	98.17%	9.578%

LSC Area Percent Report

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Sample : N4956-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S8

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
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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Title : SVOA CALIBRATION

77	23.798	3531	3538	3547	rVB2	2093392	4275664	66.32%	6.471%

Sum of corrected areas: 66078832

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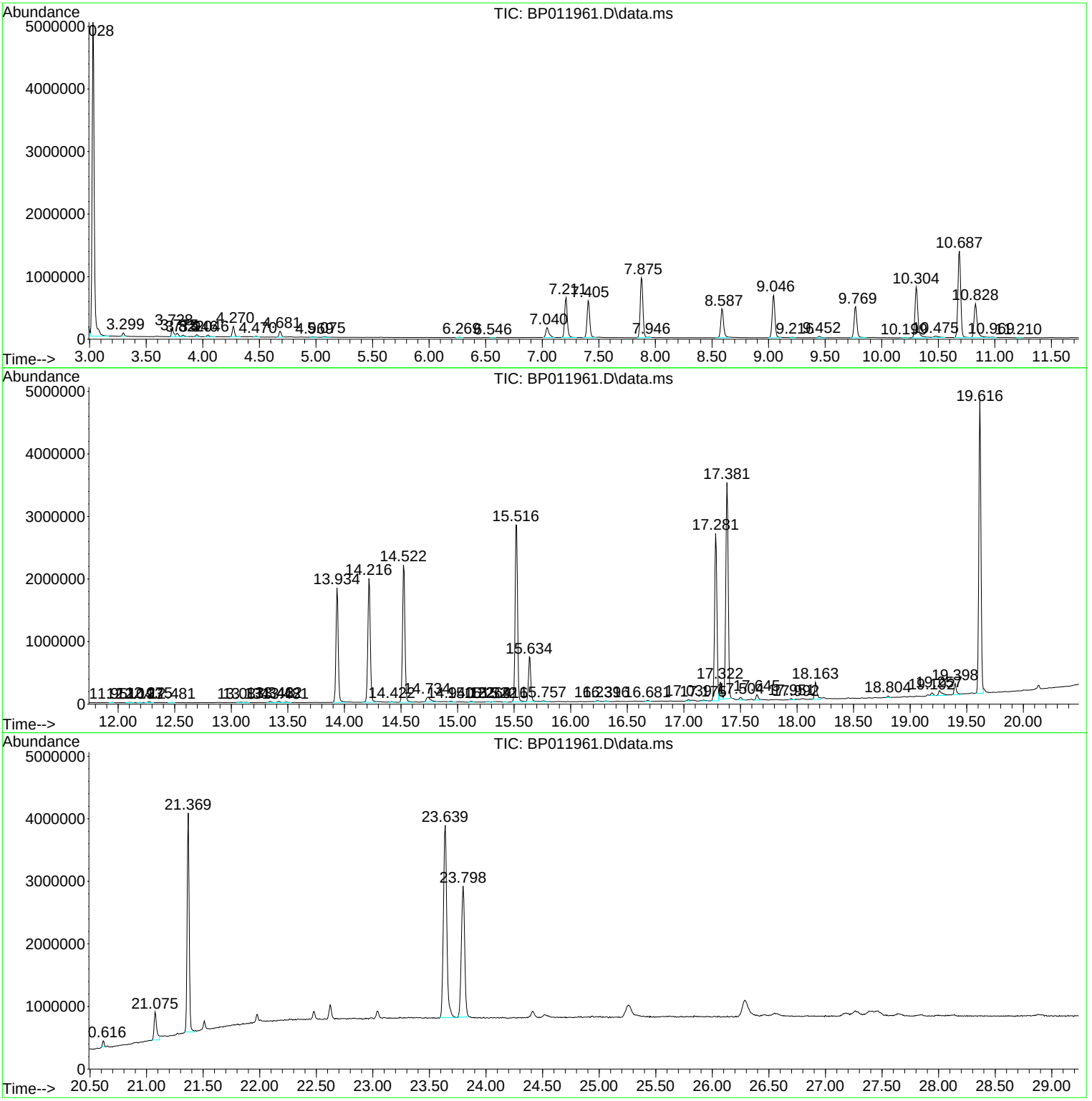
Operator : CG/JU
Sample : N4956-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011961.D
Acq On : 06 Oct 2022 09:55
Operator : CG/JU
Sample : N4956-07
Misc :
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Instrument :
BNA_P
ClientSampleId :
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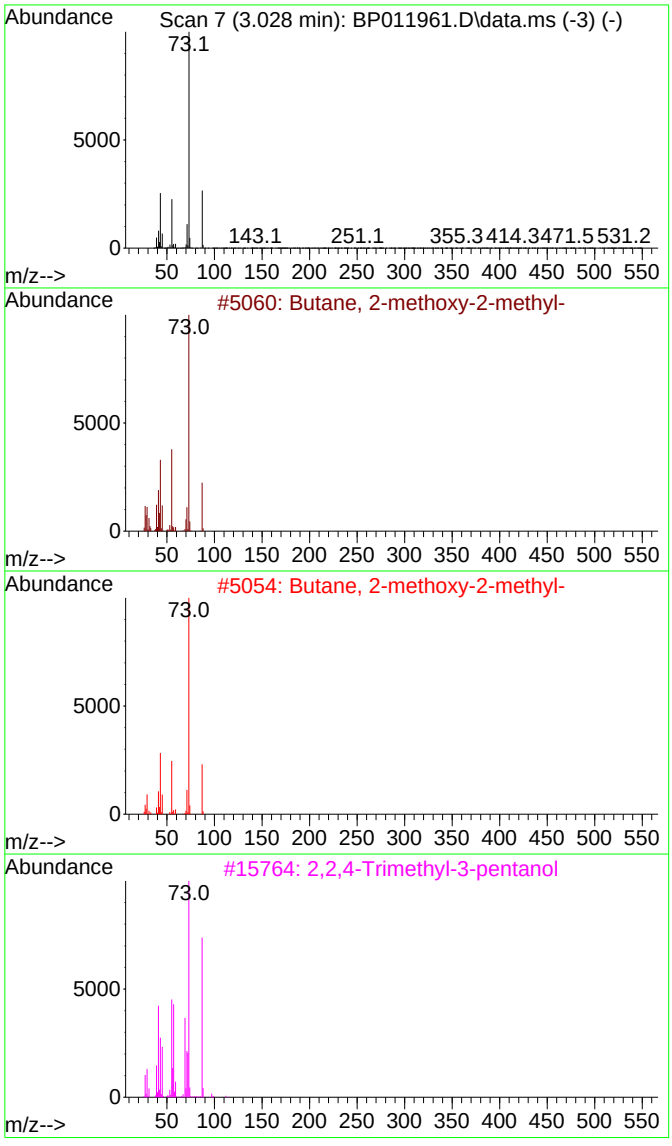
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

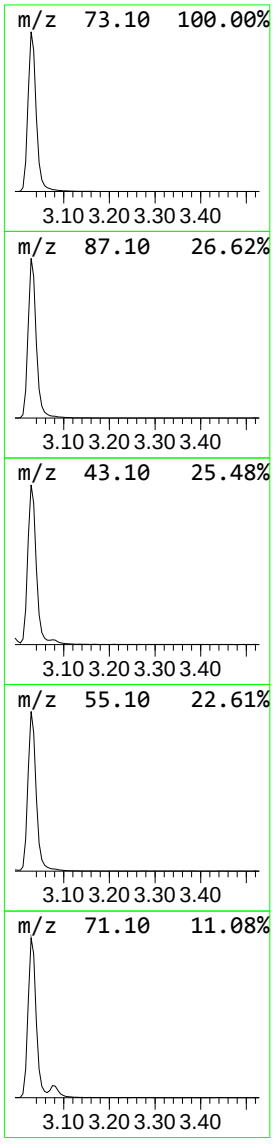
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	81.59 ng/ul	6446640	1,4-Dichlorobenzene-d4	7.875

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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Instrument :
BNA_P
ClientSampleId :
CB8S8

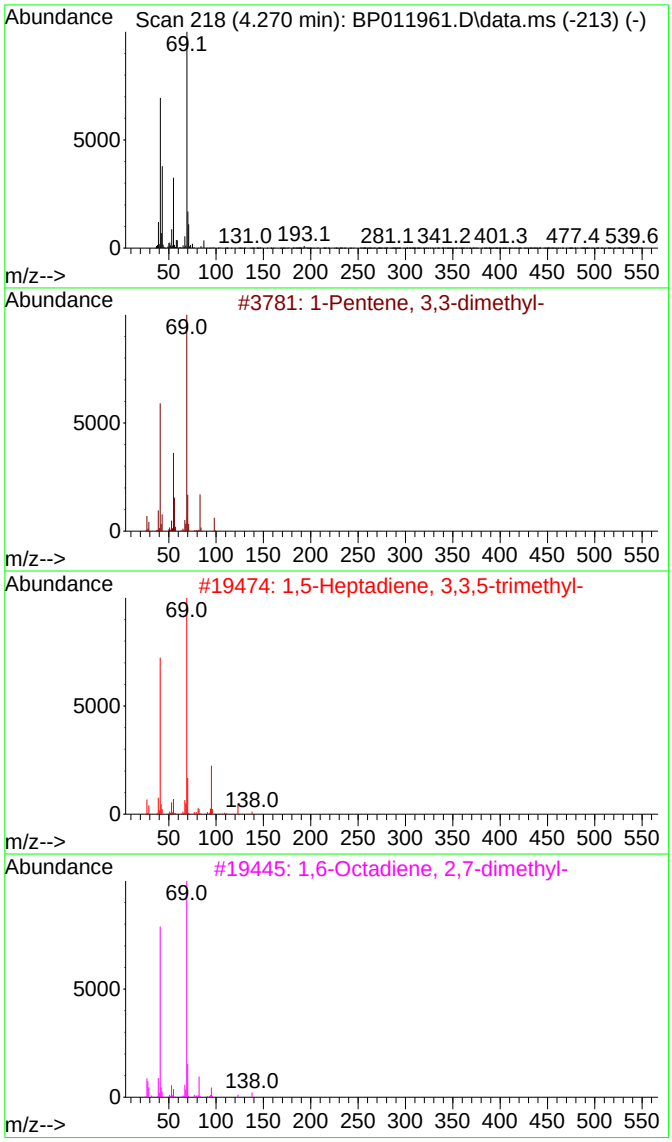
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

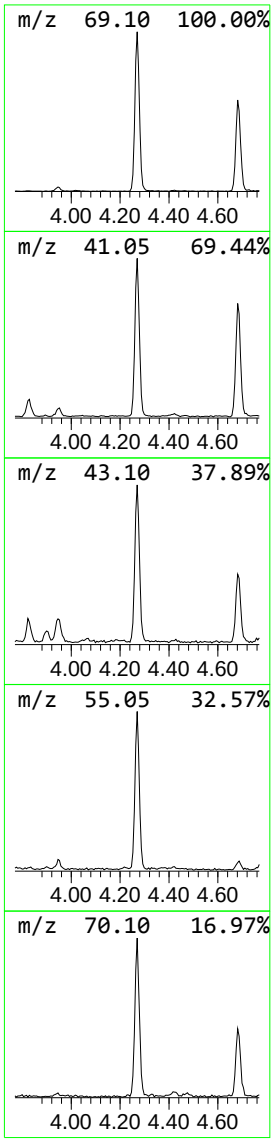
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.270	2.95 ng/ul	232931	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	59
2	1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	38
3	1,6-Octadiene, 2,7-dimethyl-	138	C10H18	040195-09-3	38
4	Geranyl nitrile	149	C10H15N	101660-61-1	36
5	1,5-Heptadiene, 3,4-dimethyl-	124	C9H16	1000061-77-9	36





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Data File : BP011961.D
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Sample : N4956-07
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S8

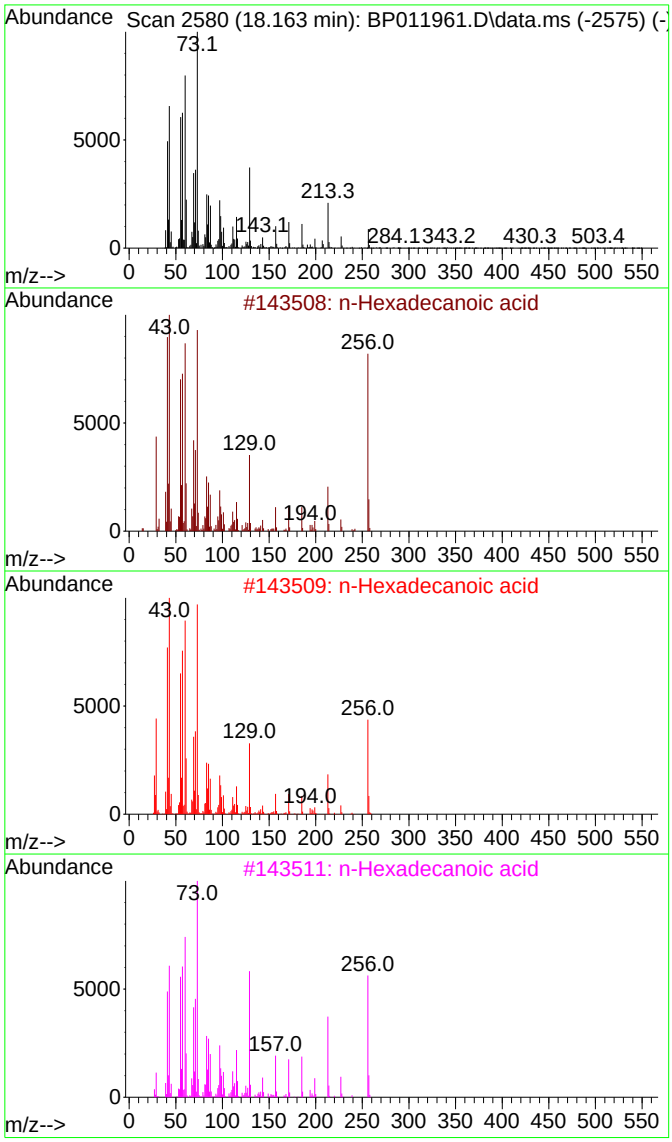
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

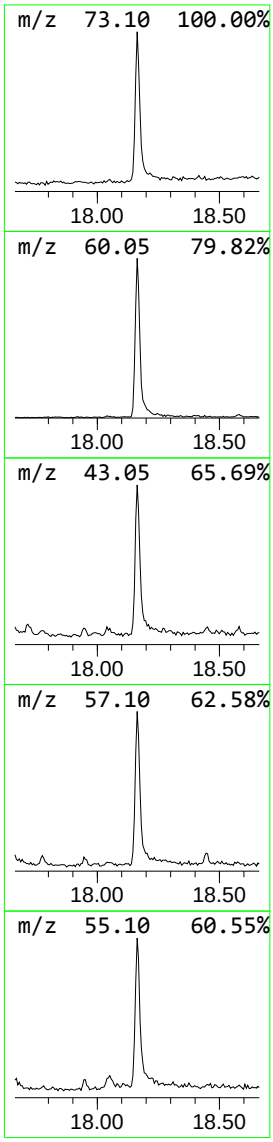
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.12 ng/ul	413305	Phenanthrene-d10	17.281

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S8

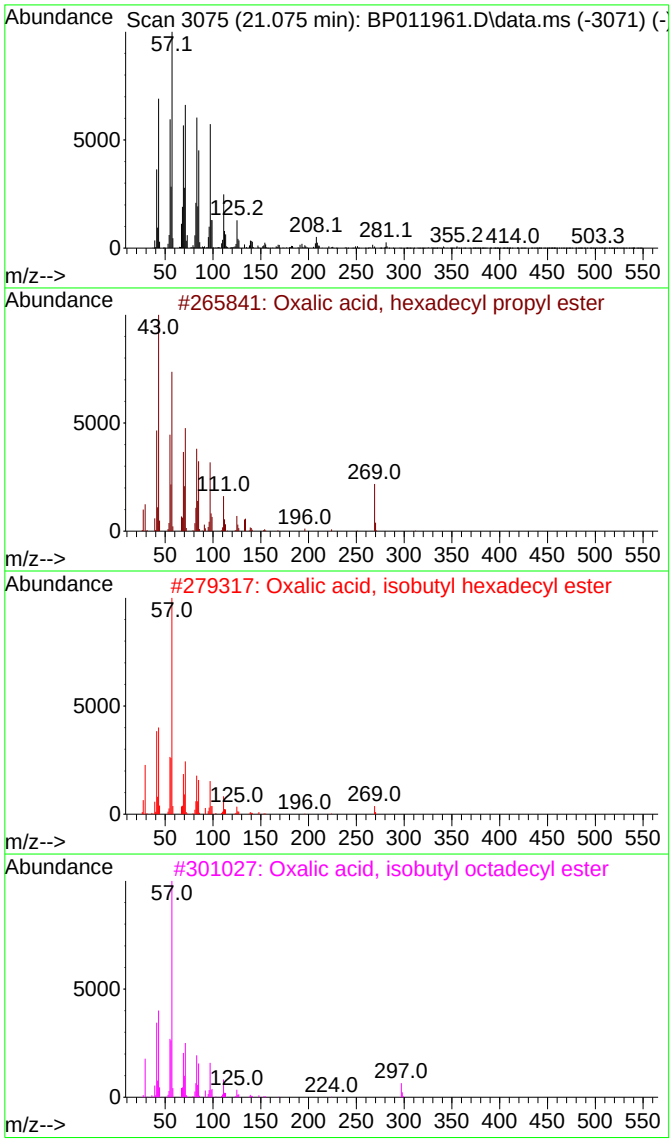
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

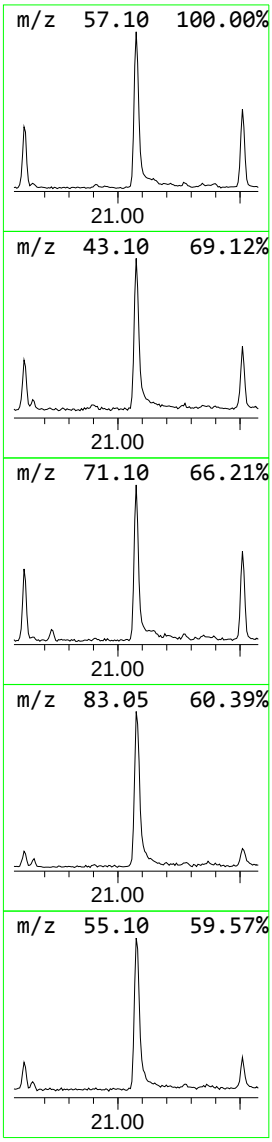
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Oxalic acid, hexadecyl prop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	3.33 ng/ul	715610	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.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
Butane, 2-metho...	3.028	81.6	ng/ul	6446640	1	7.875	1580300	20.0
(DEL) Alkane: S...	4.270	3.0	ng/ul	232931	1	7.875	1580300	20.0
n-Hexadecanoic ...	18.163	2.1	ng/ul	413305	4	17.281	3890360	20.0
Oxalic acid, he...	21.075	3.3	ng/ul	715610	5	21.369	4297650	20.0