LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017557.D
Acq On : 05 Oct 2023 10:11
Operator : MA/JU
Sample : 04679-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP017557.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	32	35	37	rBV	24209	27984	0.45%	0.063%
2	3.329	37	41	49	rVB	120970	160708	2.60%	0.360%
3	3.611	85	89	92	rBV2	5226	8986	0.15%	0.020%
4	3.734	107	110	122	rBV	133507	206719	3.35%	0.464%
5	4.034	159	161	167	rVB4	10171	11965	0.19%	0.027%
6	4.458	229	233	238	rVB	32043	42082	0.68%	0.094%
7	4.558	246	250	256	rVB2	22401	33240	0.54%	0.075%
8	5.205	354	360	368	rBV	73190	111741	1.81%	0.251%
9	5.875	466	474	480	rBV9	9219	21542	0.35%	0.048%
10	5.958	483	488	491	rBV7	6050	10109	0.16%	0.023%
11	6.128	514	517	520	rBV5	4955	6193	0.10%	0.014%
12	6.634	599	603	609	rBV	42165	62086	1.01%	0.139%
13	6.793	625	630	633	rBV7	4193	8068	0.13%	0.018%
14	6.881	640	645	650	rBV8	6628	14643	0.24%	0.033%
15	7.105	676	683	694	rVB	124667	212593	3.44%	0.477%
16	7.293	707	715	723	rBV	515640	795871	12.89%	1.785%
17	7.387	727	731	735	rVB4	6793	11085	0.18%	0.025%
18	7.469	738	745	755	rBV	512298	802291	13.00%	1.799%
19	7.552	755	759	767	rBV3	12048	25116	0.41%	0.056%
20	7.828	800	806	812	rVB	100381	157957	2.56%	0.354%
21	7.952	818	827	829	rBV	386980	607319	9.84%	1.362%
22	7.987	829	833	844	rVB	624794	965753	15.64%	2.166%
23	8.299	880	886	894	rVB4	11240	21719	0.35%	0.049%
24	8.669	942	949	961	rBV	379971	635528	10.29%	1.425%
25	8.922	987	992	1000	rBV7	9006	19439	0.31%	0.044%
26	9.075	1010	1018	1021	rBV5	9734	19292	0.31%	0.043%
27	9.158	1025	1032	1045	rVV	612576	1000412	16.20%	2.244%
28	9.263	1045	1050	1055	rVB8	3523	8259	0.13%	0.019%
29	9.352	1060	1065	1071	rVB5	9838	18335	0.30%	0.041%
30	9.475	1080	1086	1092	rBV2	67719	110296	1.79%	0.247%
31	9.546	1092	1098	1106	rVB	50783	85378	1.38%	0.191%
32	9.875	1146	1154	1164	rBV	509679	833008	13.49%	1.868%
33	10.081	1183	1189	1197	rVB3	19548	35882	0.58%	0.080%
34	10.405	1235	1244	1254	rBV	719149	1237826	20.05%	2.776%
35	10.640	1279	1284	1289	rVB7	11348	18569	0.30%	0.042%
36	10.787	1300	1309	1321	rVB	532487	883103	14.30%	1.981%

LSC Area Percent Report

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Operator : MA/JU
Sample : 04679-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

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-BP100423.MA.M
Title : SVOA CALIBRATION

37	10.958	1331	1338	1347	rBV	618405	1090910	17.67%	2.447%
38	11.557	1435	1440	1446	rBV9	5170	11013	0.18%	0.025%
39	11.669	1455	1459	1461	rBV5	4500	7030	0.11%	0.016%
40	11.822	1476	1485	1487	rBV9	2611	6500	0.11%	0.015%
41	11.957	1501	1508	1514	rBV6	14204	28720	0.47%	0.064%
42	12.022	1515	1519	1524	rVB6	15143	23291	0.38%	0.052%
43	12.163	1539	1543	1549	rVB7	12156	19892	0.32%	0.045%
44	12.234	1552	1555	1561	rVB8	4818	8632	0.14%	0.019%
45	12.381	1575	1580	1585	rBV	12506	21343	0.35%	0.048%
46	12.604	1612	1618	1621	rBV8	3886	8368	0.14%	0.019%
47	12.787	1640	1649	1650	rBV7	8668	15840	0.26%	0.036%
48	13.063	1693	1696	1701	rBV6	8501	16155	0.26%	0.036%
49	13.222	1715	1723	1726	rBV9	6524	15748	0.26%	0.035%
50	13.293	1730	1735	1742	rVB10	7861	14695	0.24%	0.033%
51	13.481	1761	1767	1773	rBV5	16668	30454	0.49%	0.068%
52	13.675	1796	1800	1806	rBV8	7515	14250	0.23%	0.032%
53	13.740	1810	1811	1819	rVB8	4464	6490	0.11%	0.015%
54	13.822	1819	1825	1837	rBV10	14320	45238	0.73%	0.101%
55	13.946	1843	1846	1850	rBV5	7284	9872	0.16%	0.022%
56	14.057	1858	1865	1878	rBV	1603860	2156374	34.93%	4.837%
57	14.340	1905	1913	1921	rBV	1644980	2391989	38.74%	5.365%
58	14.428	1924	1928	1934	rVB	30323	48413	0.78%	0.109%
59	14.534	1943	1946	1951	rVB2	9341	12946	0.21%	0.029%
60	14.646	1958	1965	1973	rVB	804769	1187106	19.23%	2.663%
61	14.757	1975	1984	1993	rVB7	16048	38984	0.63%	0.087%
62	14.840	1993	1998	2002	rBV	17822	26377	0.43%	0.059%
63	14.893	2002	2007	2021	rVB	104140	217791	3.53%	0.488%
64	15.028	2026	2030	2033	rBV6	10991	15687	0.25%	0.035%
65	15.228	2054	2064	2069	rBV	55460	92424	1.50%	0.207%
66	15.269	2069	2071	2077	rVV7	7725	11827	0.19%	0.027%
67	15.346	2077	2084	2088	rVV9	5922	12824	0.21%	0.029%
68	15.393	2088	2092	2094	rVV5	6668	10125	0.16%	0.023%
69	15.434	2096	2099	2107	rVB5	12721	20439	0.33%	0.046%
70	15.646	2126	2135	2145	rBV	2237590	3221315	52.18%	7.225%
71	15.787	2153	2159	2171	rBV	863536	1167394	18.91%	2.618%
72	15.887	2172	2176	2183	rVB7	11679	23406	0.38%	0.052%
73	16.251	2231	2238	2244	rBV3	12635	26716	0.43%	0.060%
74	16.493	2276	2279	2284	rBV7	7830	10651	0.17%	0.024%
75	16.698	2311	2314	2322	rVB5	8192	13765	0.22%	0.031%
76	16.781	2324	2328	2335	rBV8	13799	21230	0.34%	0.048%

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Instrument :
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ClientSampleId :
PMW-8D(20230928)

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : SVOA CALIBRATION

77	17.110	2377	2384	2388	rBV9	8533	20292	0.33%	0.046%
78	17.345	2420	2424	2430	rVB5	24485	41722	0.68%	0.094%
79	17.434	2432	2439	2449	rBV	1085056	1526726	24.73%	3.424%
80	17.534	2450	2456	2466	rBV	3236643	4340565	70.31%	9.736%
81	17.781	2494	2498	2501	rBV4	11760	16261	0.26%	0.036%
82	17.922	2518	2522	2526	rBV3	12539	17562	0.28%	0.039%
83	18.057	2541	2545	2550	rBV4	19596	27988	0.45%	0.063%
84	18.157	2559	2562	2570	rVB8	15630	24067	0.39%	0.054%
85	18.281	2578	2583	2594	rBV	395295	599379	9.71%	1.344%
86	18.681	2649	2651	2655	rBV4	8317	11912	0.19%	0.027%
87	19.351	2762	2765	2769	rBV3	37958	50567	0.82%	0.113%
88	19.422	2772	2777	2781	rVB3	53657	98249	1.59%	0.220%
89	19.528	2790	2795	2803	rBV	151074	238835	3.87%	0.536%
90	19.786	2833	2839	2845	rBV	4369260	5637666	91.32%	12.645%
91	21.228	3080	3084	3090	rBV2	188228	278528	4.51%	0.625%
92	21.569	3137	3142	3147	rBV	1480545	1831654	29.67%	4.108%
93	22.827	3353	3356	3363	rVB	227199	317685	5.15%	0.713%
94	23.992	3545	3554	3565	rVB2	2945252	6173748	100.00%	13.847%
95	24.157	3576	3582	3595	rVB	936948	1977575	32.03%	4.436%

Sum of corrected areas: 44584302

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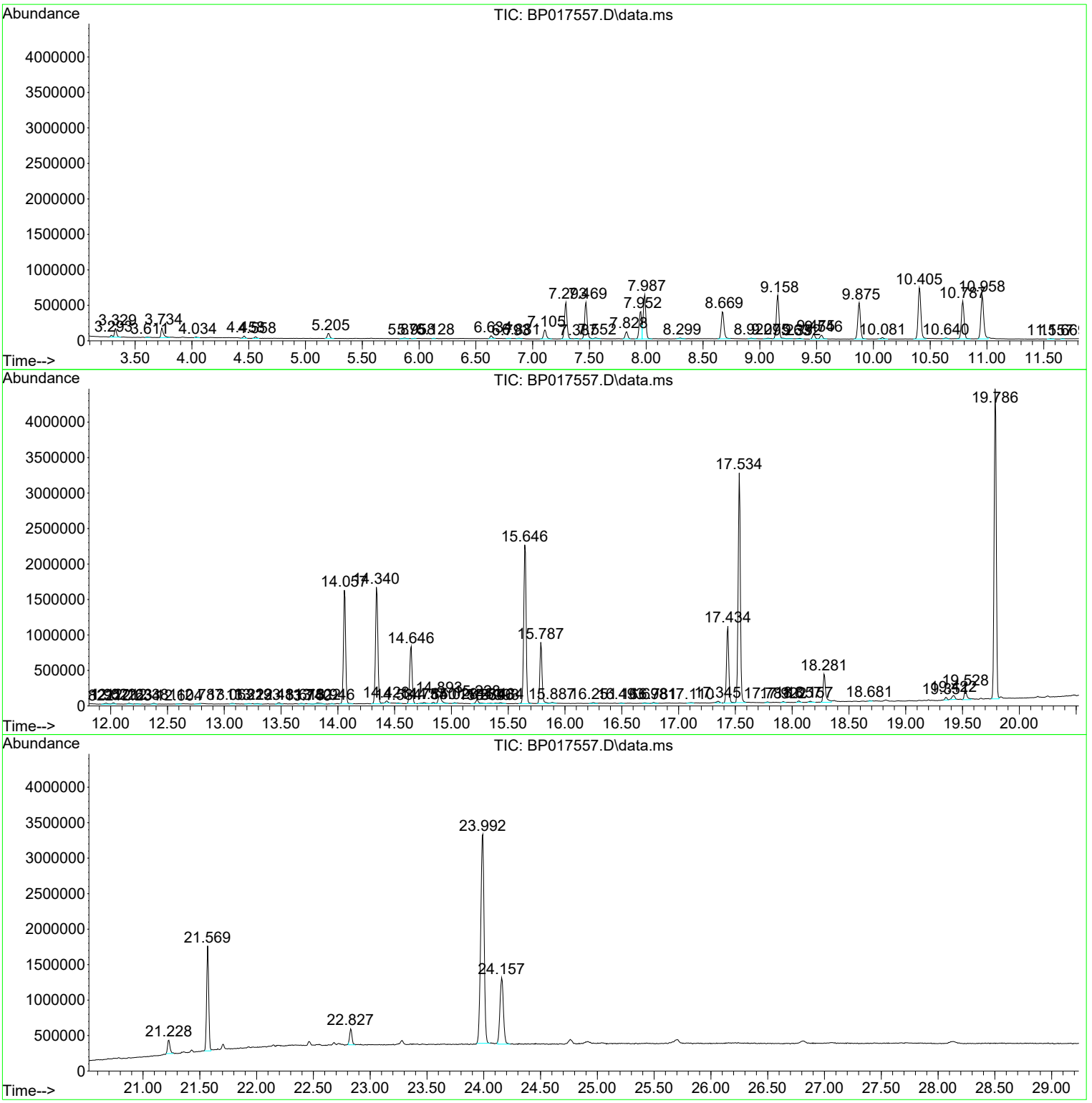
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
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Instrument :
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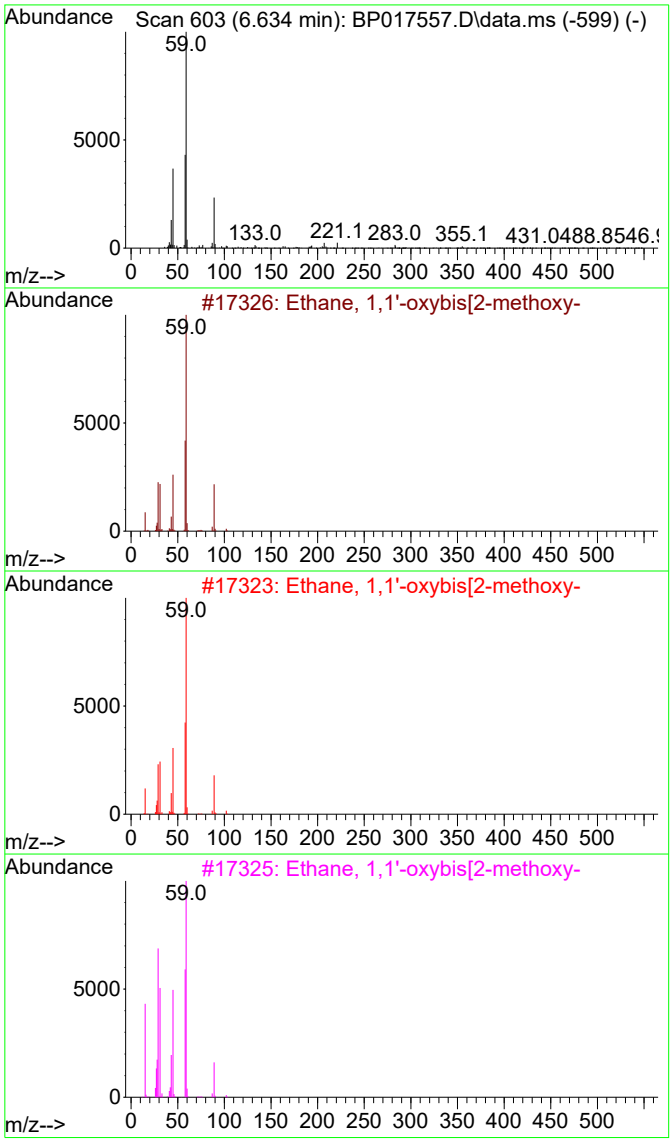
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

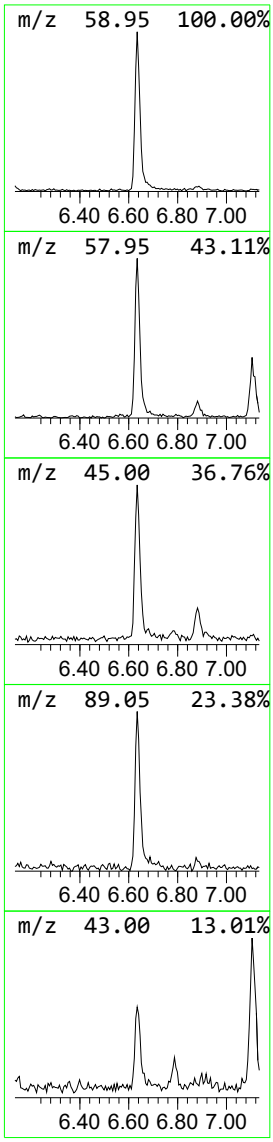
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethane, 1,1'-oxybis[2-methoxy- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	2.04 ng/ul	62086	1,4-Dichlorobenzene-d4	7.952

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	78
2	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	78
3	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	72
4	Ethane, 1,1'-oxybis[2-methoxy-	134	C6H14O3	000111-96-6	64
5	Ethene, (2-ethoxy-1-methoxyethoxy)-	146	C7H14O3	054063-18-2	56





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Data File : BP017557.D
Acq On : 05 Oct 2023 10:11
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Sample : 04679-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

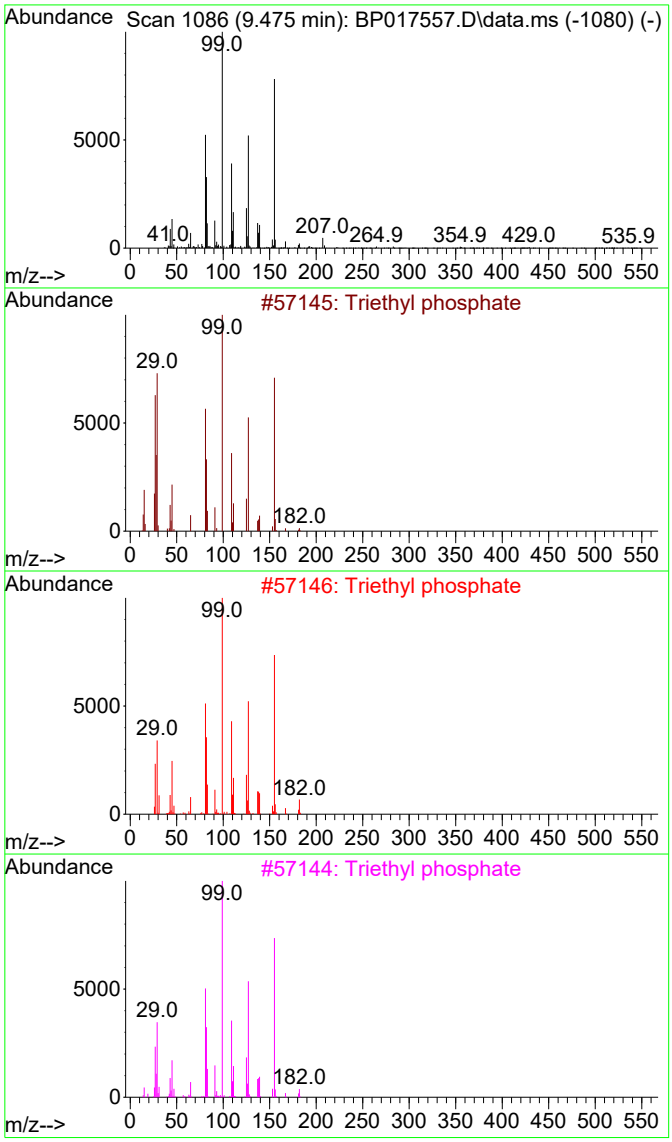
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

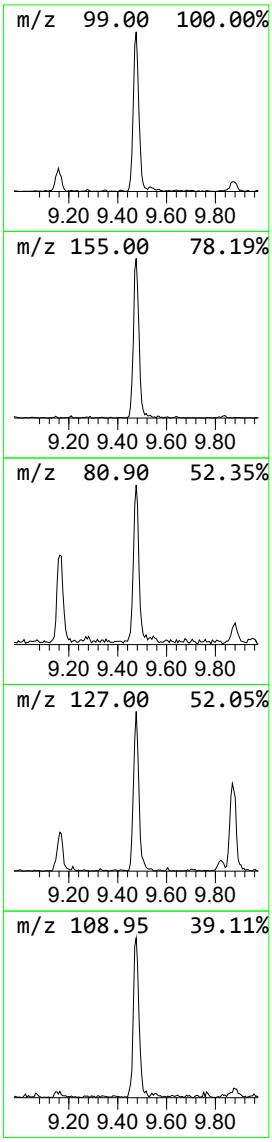
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Triethyl phosphate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	2.50 ng/ul	110296	Naphthalene-d8	10.787

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl phosphate	182	C6H15O4P	000078-40-0	94
2	Triethyl phosphate	182	C6H15O4P	000078-40-0	90
3	Triethyl phosphate	182	C6H15O4P	000078-40-0	81
4	Triethyl phosphate	182	C6H15O4P	000078-40-0	80
5	Butyl diethyl phosphate	210	C8H19O4P	1000298-58-0	64





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Instrument :
BNA_P
ClientSampleId :
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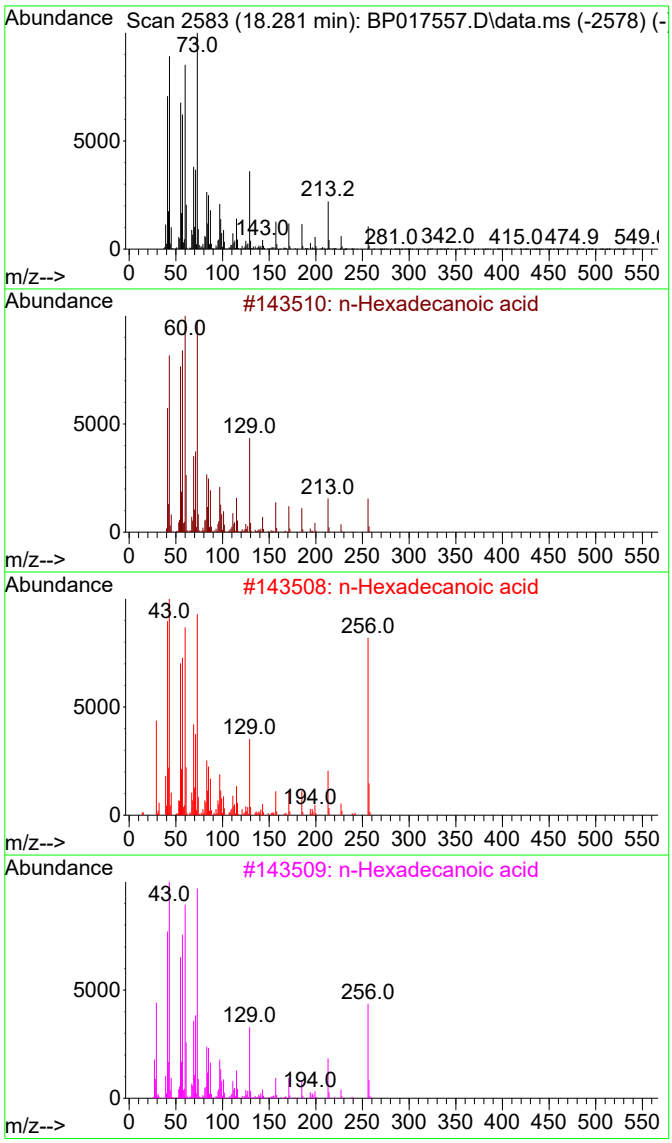
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

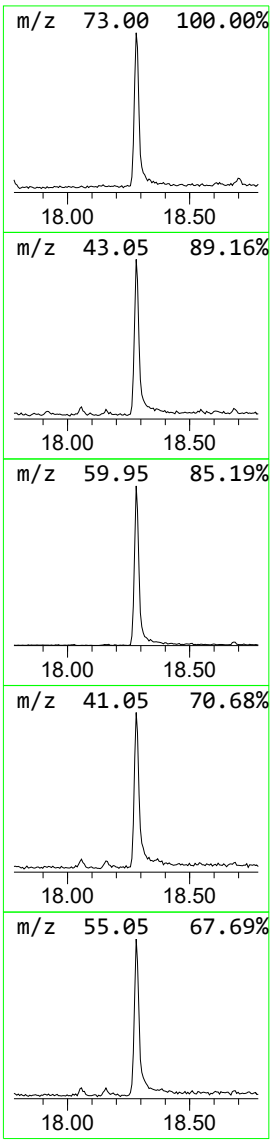
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	7.85 ng/ul	599379	Phenanthrene-d10	17.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
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	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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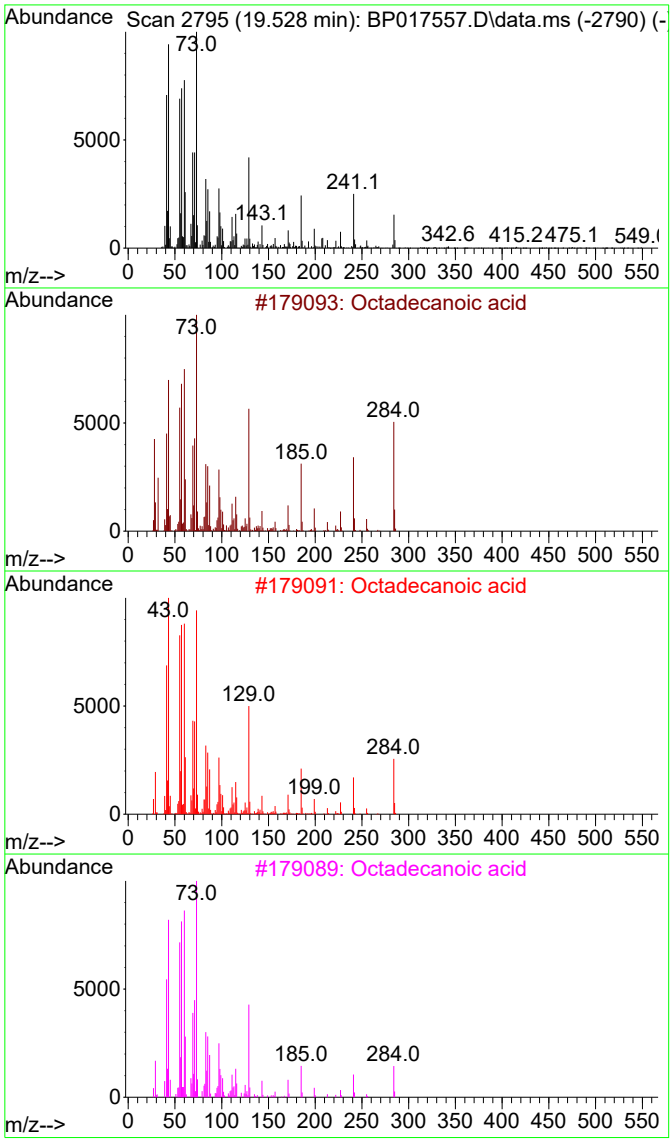
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

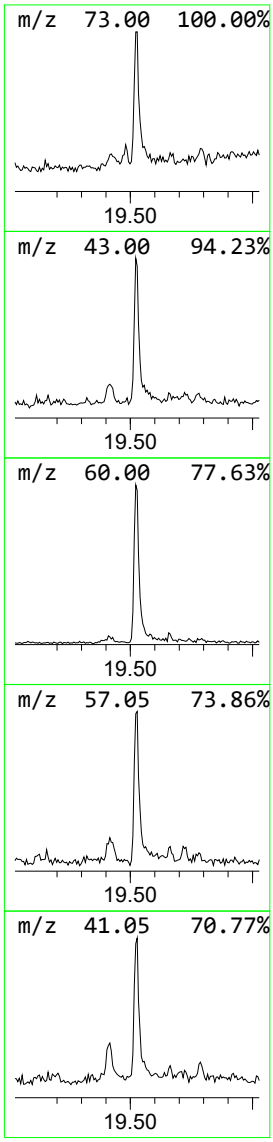
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.528	2.61 ng/ul	238835	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





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Misc :
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Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

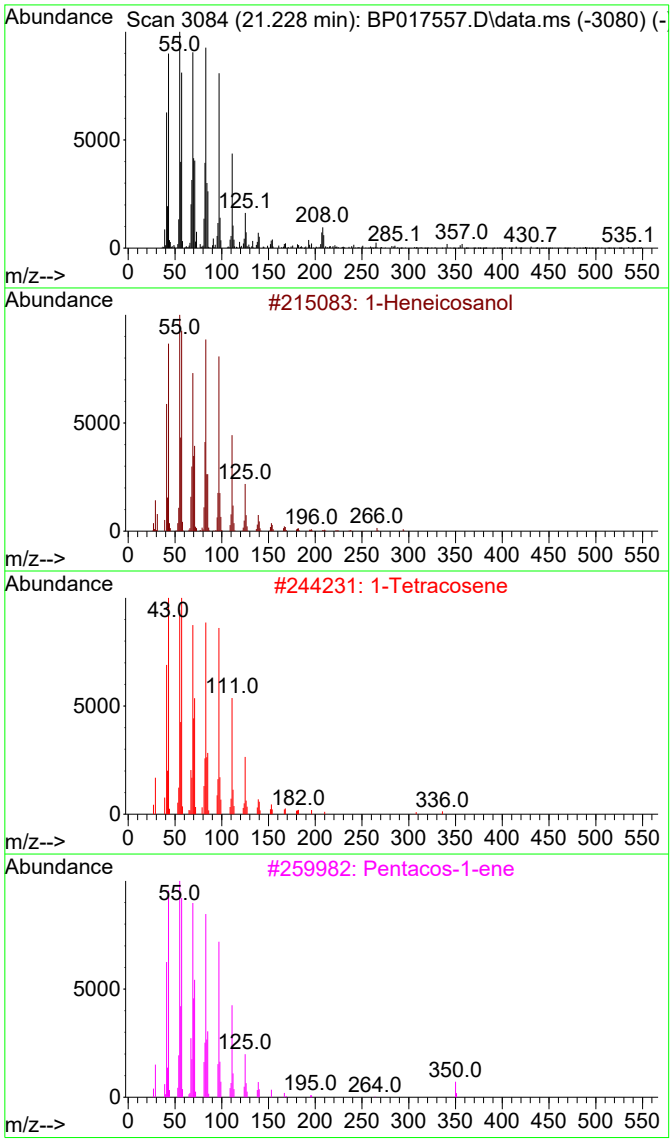
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

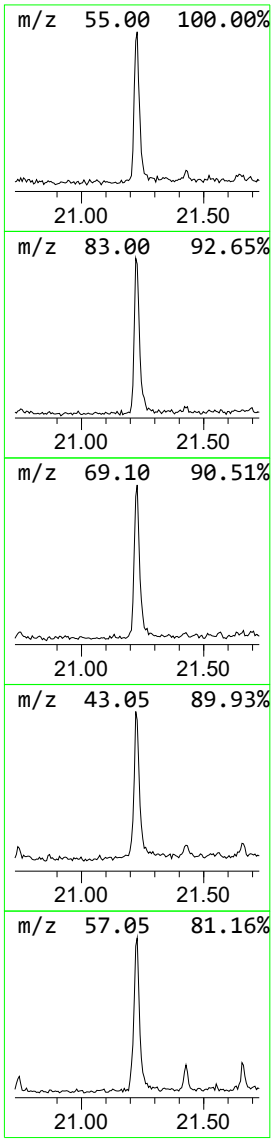
****

Peak Number 7 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.228	3.04 ng/ul	278528	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	91
2	1-Tetracosene	336	C24H48	010192-32-2	90
3	Pentacos-1-ene	350	C25H50	016980-85-1	90
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83





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PMW-8D(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION

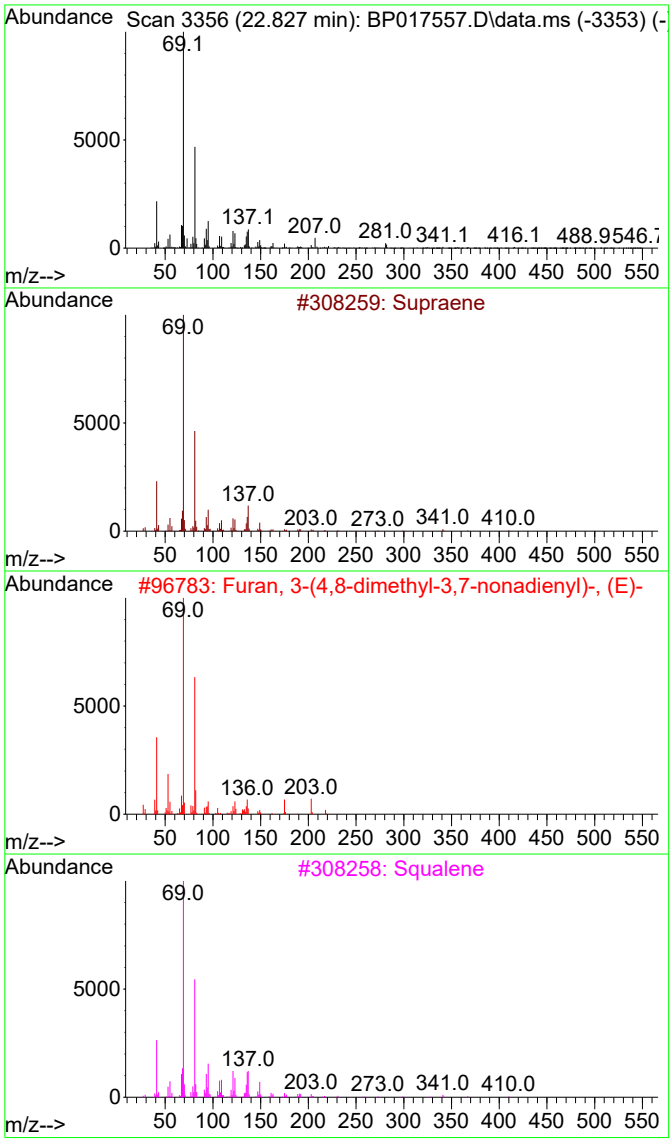
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

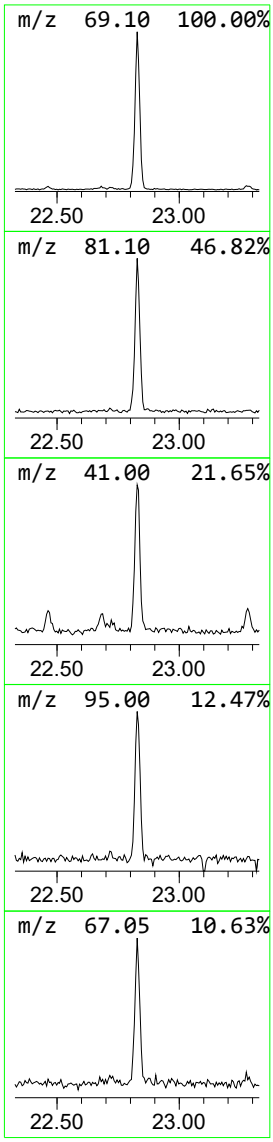
****

Peak Number 8 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.828	3.47 ng/ul	317685	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	83
2	Furan, 3-(4,8-dimethyl-3,7-nonad...	218	C15H22O	023262-34-2	72
3	Squalene	410	C30H50	000111-02-4	64
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017557.D
Acq On : 05 Oct 2023 10:11
Operator : MA/JU
Sample : 04679-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PMW-8D(20230928)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.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
Ethane, 1,1'-ox...	6.634	2.0	ng/ul	62086	1	7.952	607319	20.0
Triethyl phosphate	9.475	2.5	ng/ul	110296	2	10.787	883103	20.0
n-Hexadecanoic ...	18.281	7.8	ng/ul	599379	4	17.434	1526730	20.0
Octadecanoic acid	19.528	2.6	ng/ul	238835	5	21.569	1831650	20.0
1-Heneicosanol	21.228	3.0	ng/ul	278528	5	21.569	1831650	20.0
Supraene	22.828	3.5	ng/ul	317685	5	21.569	1831650	20.0