LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43S9

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020330.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	26	rBV2	15423	20221	0.84%	0.073%
2	3.487	65	68	77	rBV	39352	72725	3.02%	0.262%
3	3.617	86	90	103	rBV	183383	338446	14.05%	1.219%
4	3.711	103	106	114	rVB3	15491	27498	1.14%	0.099%
5	3.905	135	139	144	rVB4	3745	6549	0.27%	0.024%
6	6.805	625	632	652	rBV	222781	533431	22.14%	1.922%
7	6.969	654	660	676	rVB	204366	366057	15.20%	1.319%
8	7.152	685	691	705	rBV	267809	522391	21.68%	1.882%
9	7.328	716	721	722	rBV5	1715	2669	0.11%	0.010%
10	7.616	762	770	786	rBV	294326	499285	20.73%	1.799%
11	8.328	884	891	913	rBV2	304146	651247	27.03%	2.346%
12	8.781	957	968	985	rBV	284132	549599	22.81%	1.980%
13	8.946	994	996	1001	rVB6	2537	3291	0.14%	0.012%
14	9.128	1020	1027	1031	rBV4	4532	7164	0.30%	0.026%
15	9.363	1060	1067	1079	rBV2	17869	42083	1.75%	0.152%
16	9.493	1082	1089	1103	rBV	245231	478479	19.86%	1.724%
17	10.034	1172	1181	1204	rBV	266909	713780	29.63%	2.572%
18	10.216	1206	1212	1229	rVV3	26892	102940	4.27%	0.371%
19	10.393	1233	1242	1258	rVB	401489	710811	29.51%	2.561%
20	10.552	1261	1269	1299	rBV	257623	649139	26.95%	2.339%
21	10.999	1339	1345	1348	rBV7	6191	11044	0.46%	0.040%
22	11.187	1370	1377	1401	rBV3	24073	82004	3.40%	0.295%
23	11.399	1410	1413	1417	rVB6	2066	2742	0.11%	0.010%
24	11.816	1478	1484	1490	rVB10	1998	3955	0.16%	0.014%
25	11.951	1502	1507	1512	rBV8	3620	7435	0.31%	0.027%
26	12.016	1512	1518	1524	rVB5	6466	12937	0.54%	0.047%
27	13.081	1691	1699	1702	rBV10	3009	6114	0.25%	0.022%
28	13.251	1723	1728	1734	rBV8	1964	4835	0.20%	0.017%
29	13.598	1782	1787	1793	rBV8	2544	5310	0.22%	0.019%
30	13.704	1798	1805	1821	rVV	712222	1149790	47.73%	4.143%
31	13.975	1841	1851	1871	rBV2	755505	1352791	56.15%	4.874%
32	14.187	1884	1887	1890	rVB5	2920	3131	0.13%	0.011%
33	14.287	1896	1904	1913	rBV	602324	984798	40.88%	3.548%
34	14.351	1913	1915	1924	rVB6	7021	12072	0.50%	0.043%
35	14.522	1935	1944	1948	rBV3	36126	85020	3.53%	0.306%
36	14.581	1948	1954	1973	rVV2	123124	433776	18.01%	1.563%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
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Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	14.704	1973	1975	1980	rVB6	6802	10299	0.43%	0.037%
38	14.928	2010	2013	2017	rVV5	3412	4190	0.17%	0.015%
39	14.987	2019	2023	2025	rVB5	2620	3030	0.13%	0.011%
40	15.104	2041	2043	2048	rVB5	2589	3418	0.14%	0.012%
41	15.163	2049	2053	2059	rVB6	5747	8495	0.35%	0.031%
42	15.310	2071	2078	2097	rBV	1066242	1694539	70.34%	6.105%
43	15.475	2099	2106	2119	rBV	232334	459953	19.09%	1.657%
44	15.834	2164	2167	2173	rVB7	3701	5413	0.22%	0.020%
45	15.898	2174	2178	2179	rBV3	4428	4398	0.18%	0.016%
46	16.057	2201	2205	2213	rVB10	5893	12421	0.52%	0.045%
47	16.404	2259	2264	2266	rBV5	3803	6330	0.26%	0.023%
48	16.534	2281	2286	2292	rBV10	3919	8392	0.35%	0.030%
49	16.651	2301	2306	2307	rBV5	2153	2774	0.12%	0.010%
50	16.792	2323	2330	2335	rBV10	6085	15680	0.65%	0.056%
51	16.887	2342	2346	2349	rBV6	3028	5033	0.21%	0.018%
52	16.934	2351	2354	2361	rVB3	8242	15329	0.64%	0.055%
53	17.057	2368	2375	2379	rBV9	5832	10393	0.43%	0.037%
54	17.122	2379	2386	2391	rBV	760044	1285236	53.35%	4.631%
55	17.169	2391	2394	2398	rVV	172386	245055	10.17%	0.883%
56	17.228	2398	2404	2418	rVB	1253633	1883431	78.18%	6.786%
57	17.363	2425	2427	2435	rVB8	7649	13153	0.55%	0.047%
58	17.434	2435	2439	2444	rVB8	4366	8663	0.36%	0.031%
59	17.545	2454	2458	2459	rBV4	7998	9337	0.39%	0.034%
60	17.675	2475	2480	2488	rBV3	13081	25060	1.04%	0.090%
61	17.839	2502	2508	2513	rBV2	15218	24276	1.01%	0.087%
62	17.951	2523	2527	2535	rVB2	5706	10721	0.45%	0.039%
63	18.081	2536	2549	2559	rBV2	255926	454874	18.88%	1.639%
64	18.239	2572	2576	2581	rBV2	39122	67408	2.80%	0.243%
65	18.286	2582	2584	2588	rVB2	14913	15640	0.65%	0.056%
66	18.381	2596	2600	2605	rBV7	9098	16320	0.68%	0.059%
67	18.439	2607	2610	2618	rVV10	7281	18166	0.75%	0.065%
68	18.528	2621	2625	2628	rVV5	14415	21042	0.87%	0.076%
69	18.575	2628	2633	2639	rVV	39186	67938	2.82%	0.245%
70	18.639	2639	2644	2651	rVB5	11507	25672	1.07%	0.092%
71	18.786	2667	2669	2673	rBV5	3969	5534	0.23%	0.020%
72	18.822	2673	2675	2680	rVV5	4207	7182	0.30%	0.026%
73	18.881	2682	2685	2688	rVV5	6384	6679	0.28%	0.024%
74	18.998	2701	2705	2710	rBV	24605	37611	1.56%	0.136%
75	19.051	2710	2714	2720	rBV8	12264	25711	1.07%	0.093%
76	19.169	2728	2734	2740	rVB6	32764	58011	2.41%	0.209%

LSC Area Percent Report

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Acq On : 11 May 2024 20:49
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Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

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-BP050124.MA.M
Title : SVOA CALIBRATION

77	19.275	2743	2752	2763	rVV	406793	641626	26.63%	2.312%
78	19.428	2772	2778	2788	rBV2	91122	194360	8.07%	0.700%
79	19.622	2805	2811	2814	rBV	1647629	2409043	100.00%	8.680%
80	19.651	2814	2816	2822	rVB	560448	659881	27.39%	2.377%
81	20.180	2904	2906	2911	rVB	24132	34946	1.45%	0.126%
82	20.228	2911	2914	2919	rVB2	21977	29149	1.21%	0.105%
83	20.357	2933	2936	2939	rBV2	23478	26462	1.10%	0.095%
84	20.751	3000	3003	3007	rBV	41436	59210	2.46%	0.213%
85	21.263	3088	3090	3092	rBV	33698	37695	1.56%	0.136%
86	21.304	3092	3097	3104	rVB2	196672	365250	15.16%	1.316%
87	21.616	3143	3150	3155	rBV3	1074188	1885730	78.28%	6.794%
88	21.663	3155	3158	3168	rVB	169177	262622	10.90%	0.946%
89	23.921	3536	3542	3550	rBV	93100	285003	11.83%	1.027%
90	24.745	3674	3682	3691	rBV2	916740	2264700	94.01%	8.159%
91	24.974	3713	3721	3735	rBV	568558	1541404	63.98%	5.554%

Sum of corrected areas: 27755447

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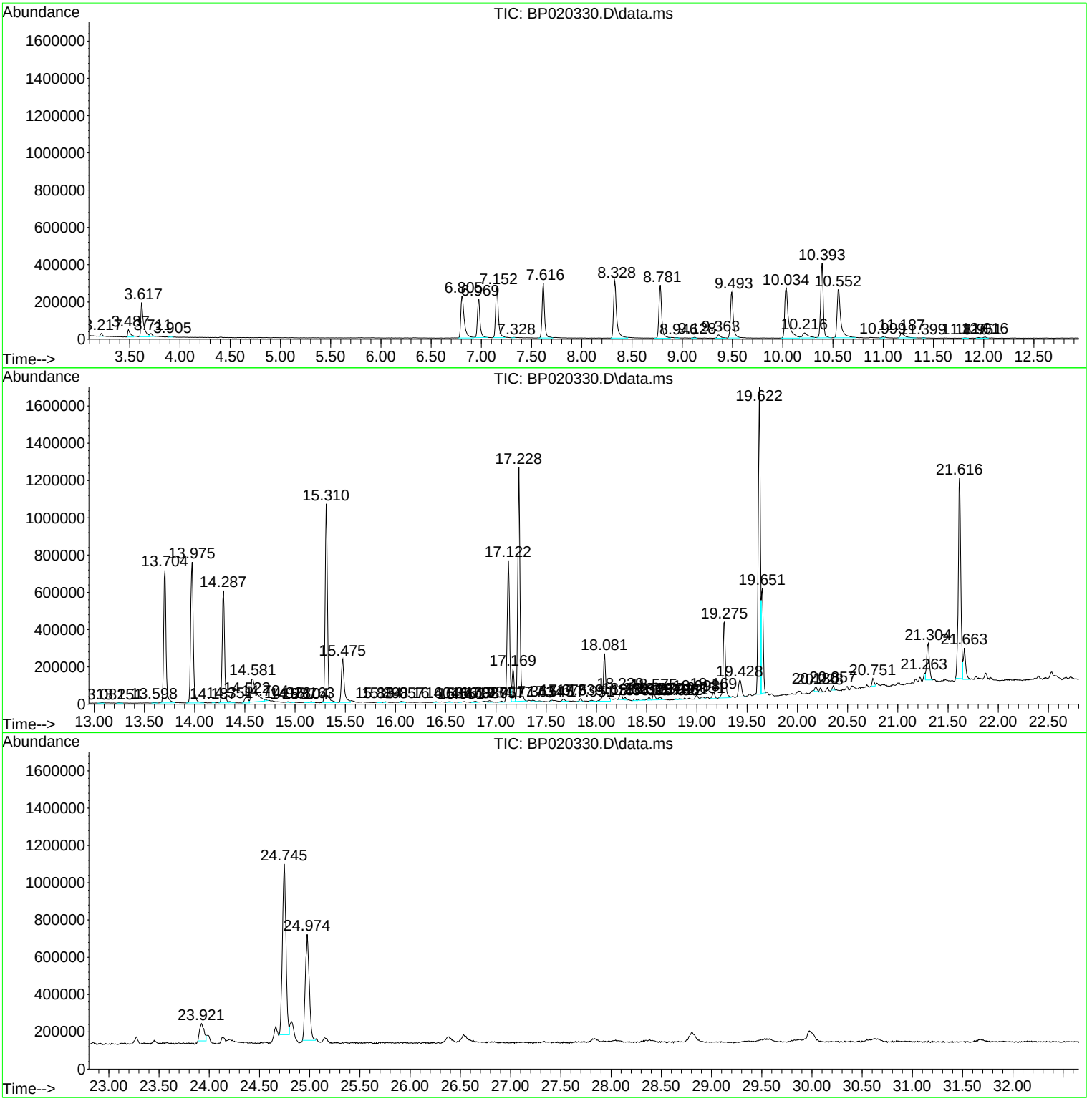
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
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Instrument :
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ClientSampleId :
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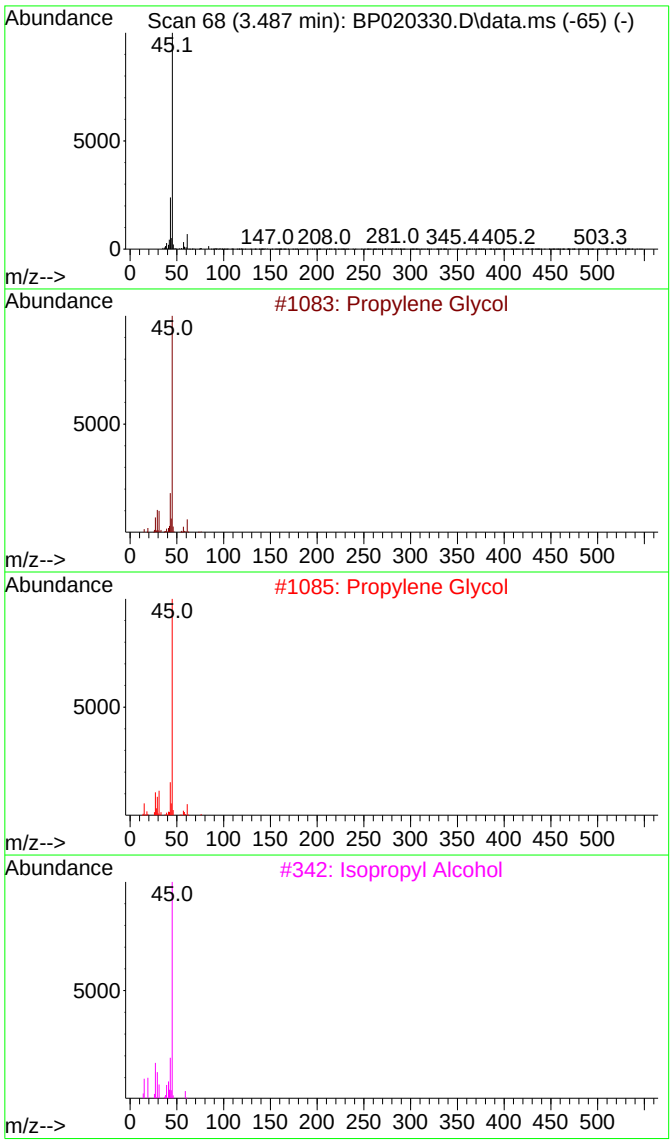
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

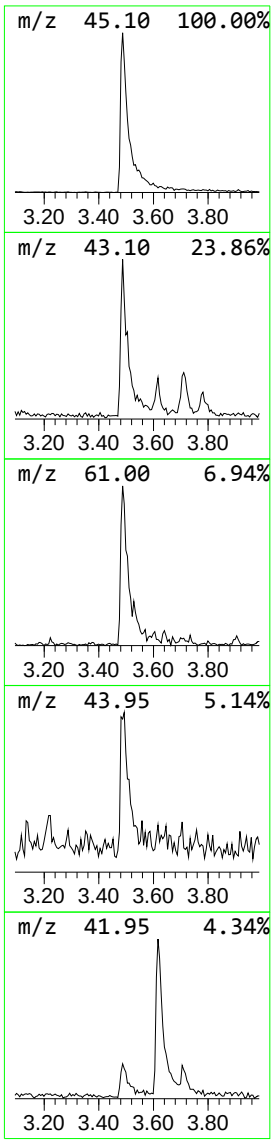
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.487	2.91 ng/ul	72725	1,4-Dichlorobenzene-d4	7.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	78
2	Propylene Glycol	76	C3H8O2	000057-55-6	56
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

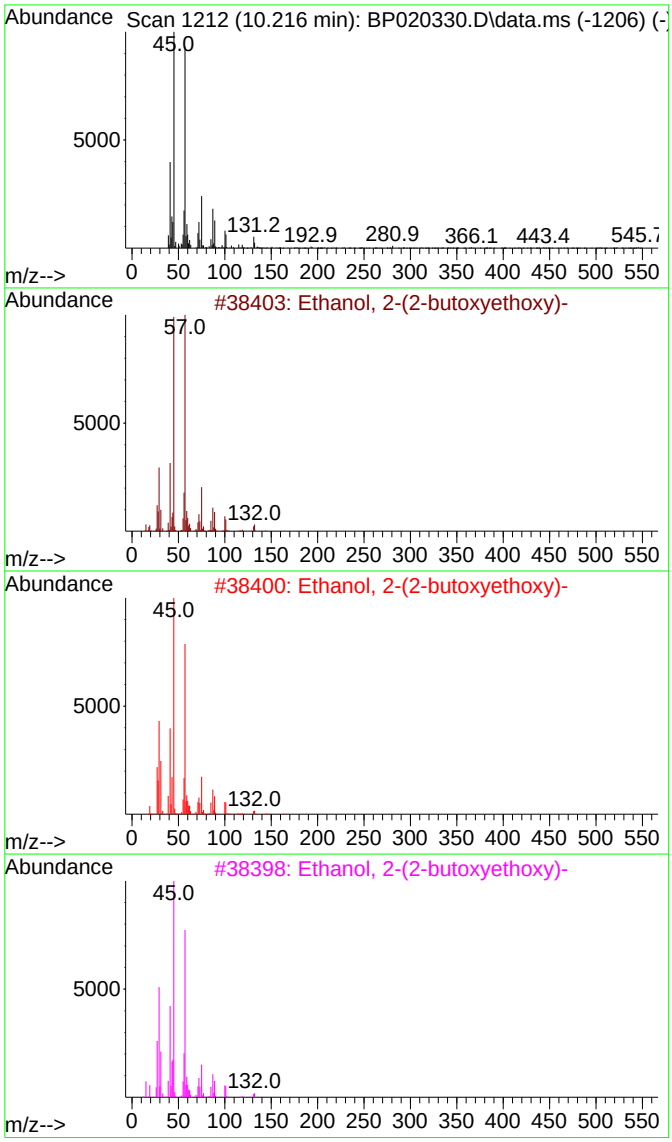
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

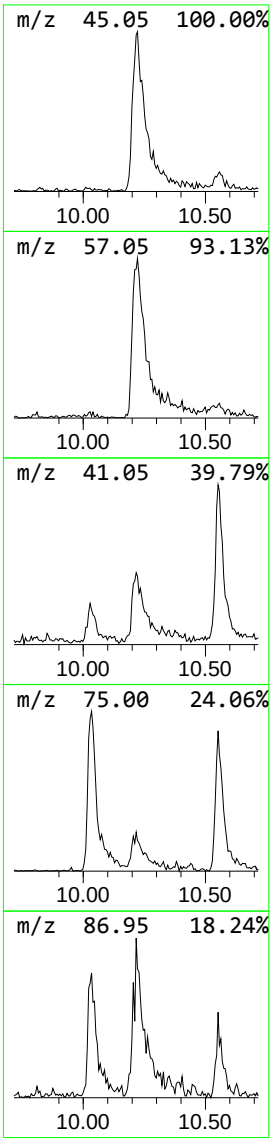
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	2.90 ng/ul	102940	Naphthalene-d8	10.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
4	Diisopropyl ether	102	C6H14O	000108-20-3	50
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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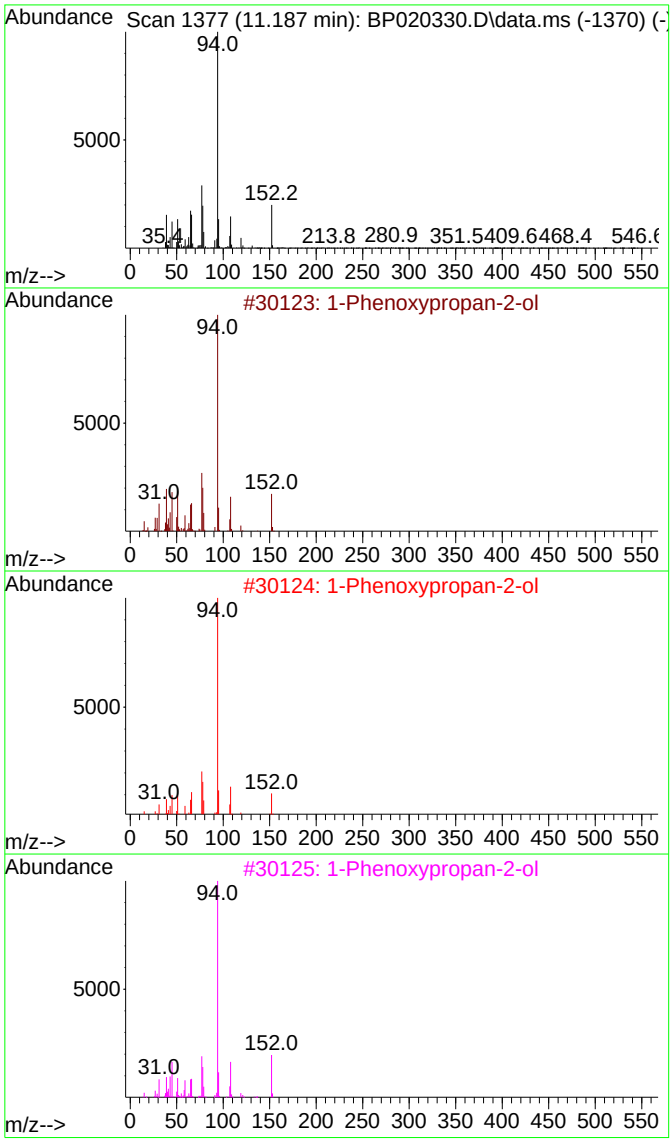
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

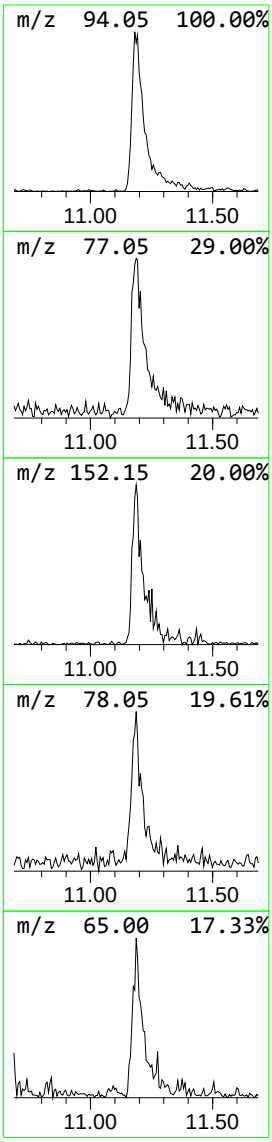
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Phenoxypropan-2-ol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.187	2.31 ng/ul	82004	Naphthalene-d8	10.393

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	83
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	81
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	64





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Acq On : 11 May 2024 20:49
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Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

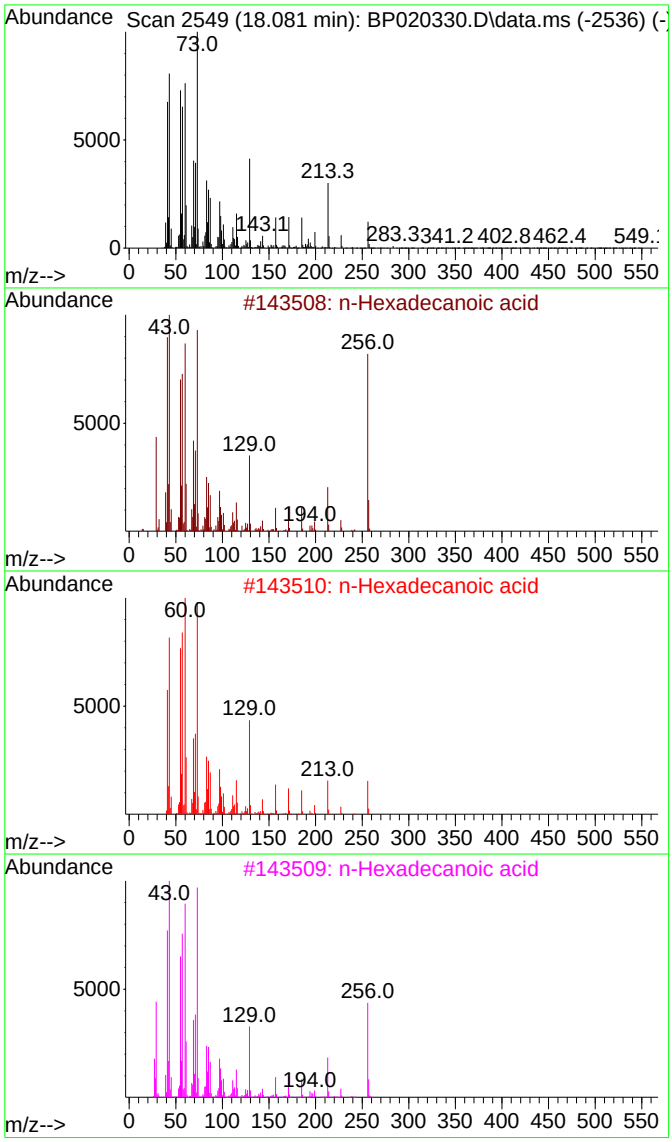
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

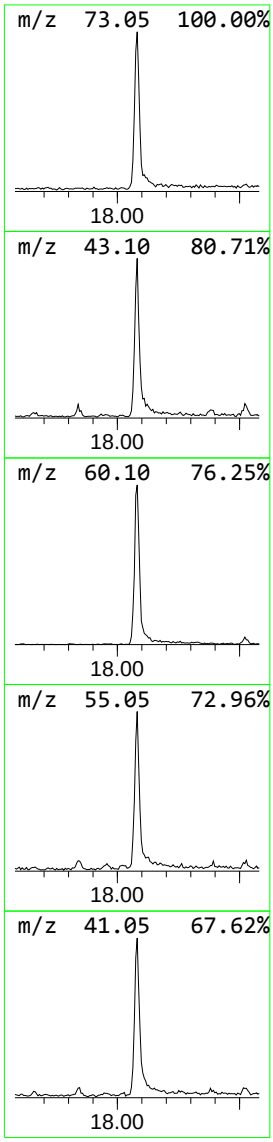
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	7.08 ng/ul	454874	Phenanthrene-d10	17.122

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	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





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Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

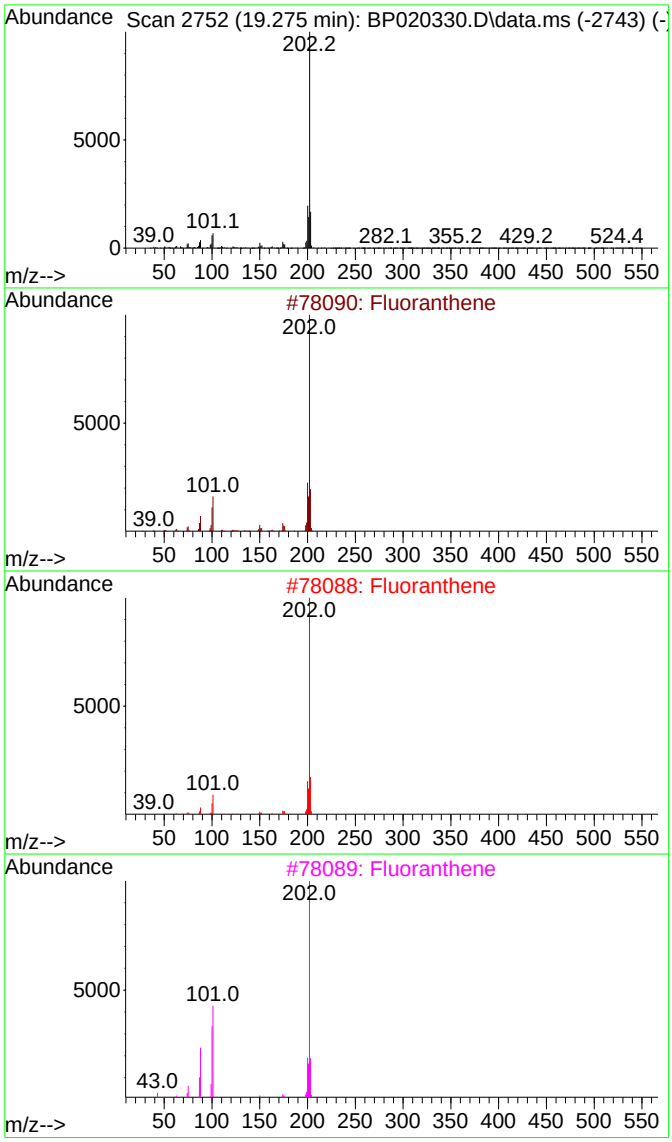
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

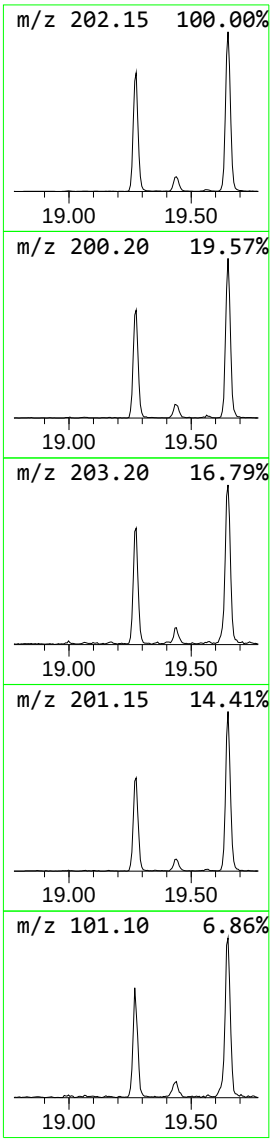
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Fluoran thene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.275	9.98 ng/ul	641626	Phenanthrene-d10	17.122

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	90
3	Fluoranthene	202	C16H10	000206-44-0	87
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	81
5	Pyrene	202	C16H10	000129-00-0	81





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Data File : BP020330.D
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Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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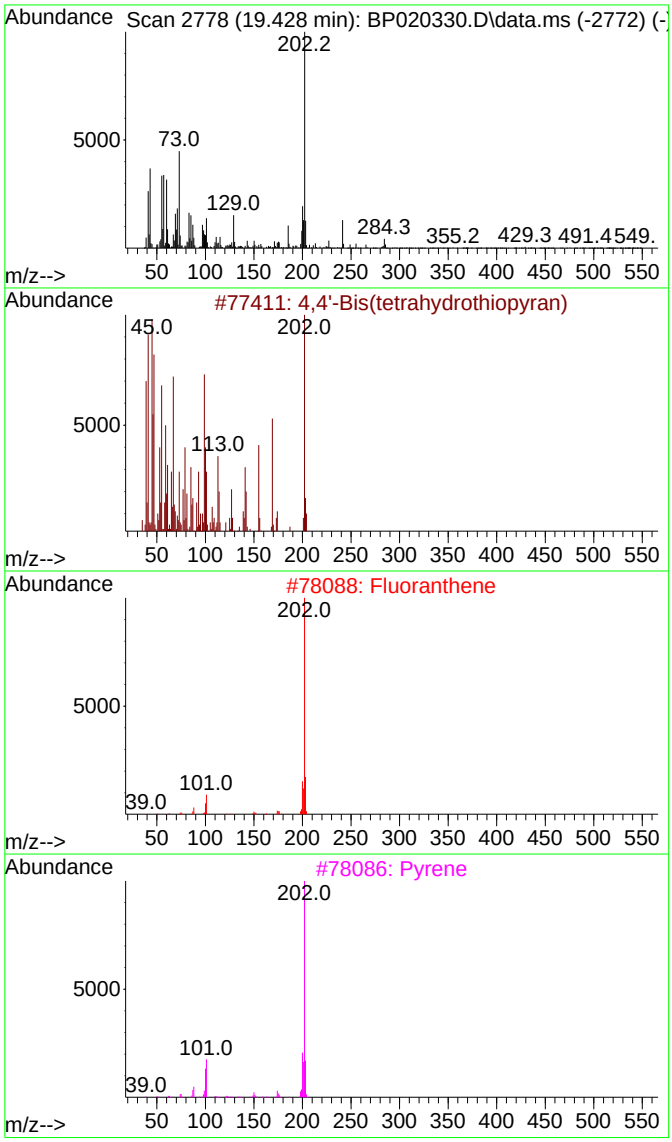
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

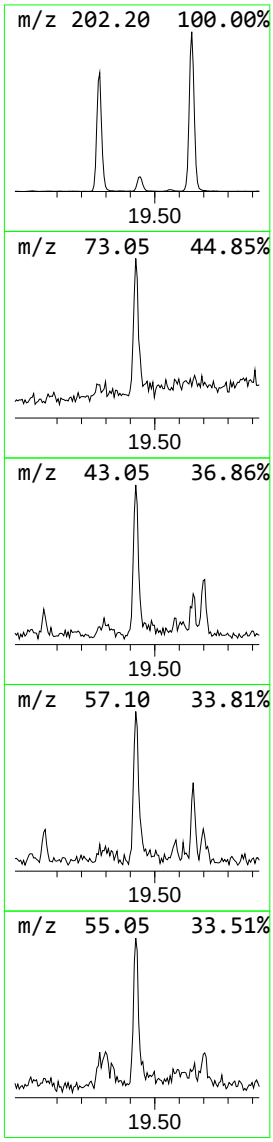
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4,4'-Bis(tetrahydrothiopyran) Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.428	2.06 ng/ul	194360	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	94
2	Fluoranthene	202	C16H10	000206-44-0	83
3	Pyrene	202	C16H10	000129-00-0	60
4	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	55
5	Pyrene	202	C16H10	000129-00-0	52





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Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

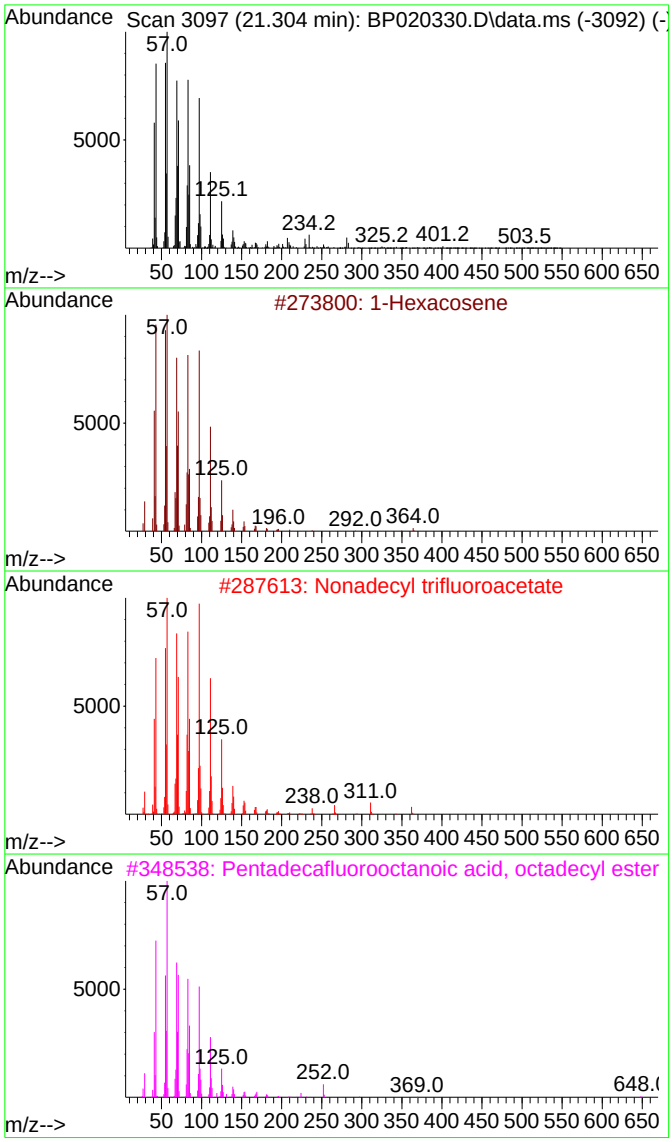
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

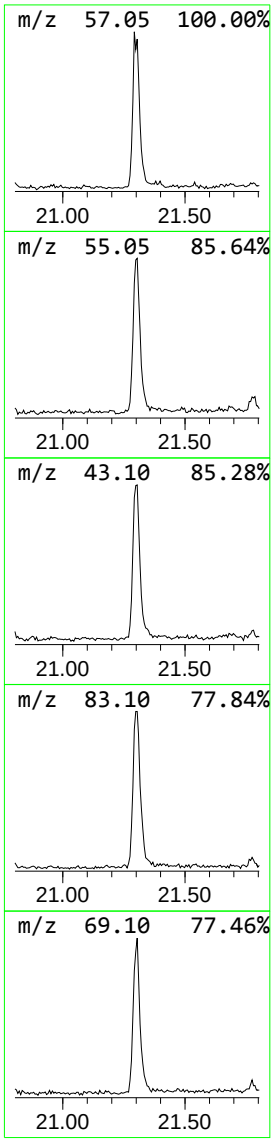
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	3.87 ng/ul	365250	Chrysene-d12	21.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	93
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
4	Nonacos-1-ene	406	C29H58	018835-35-3	91
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

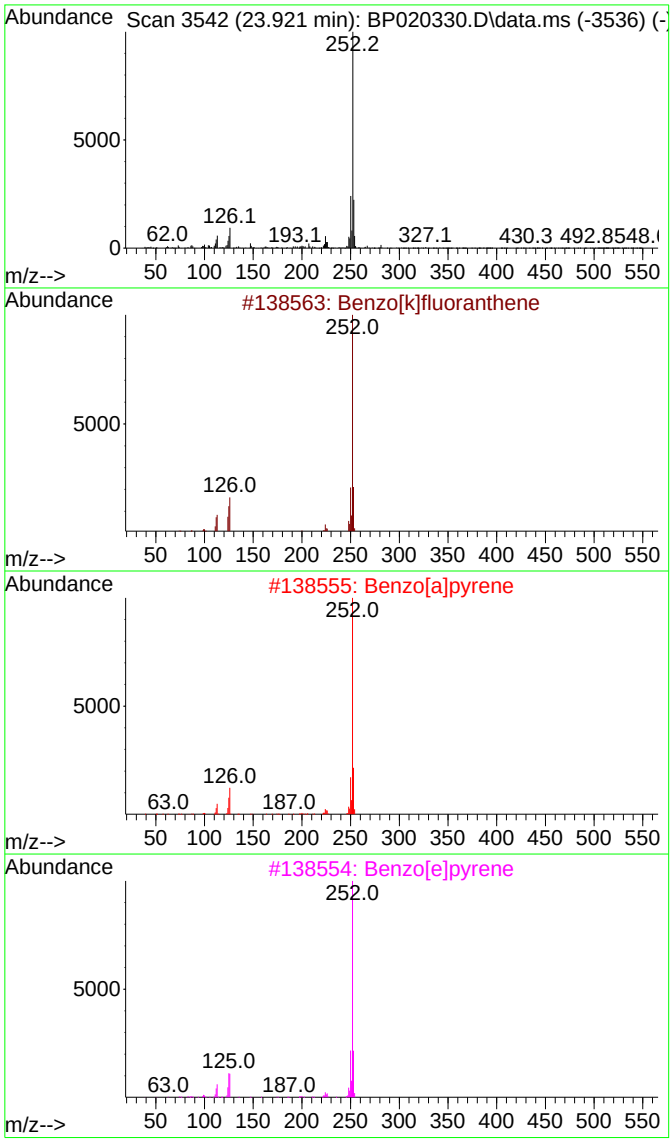
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

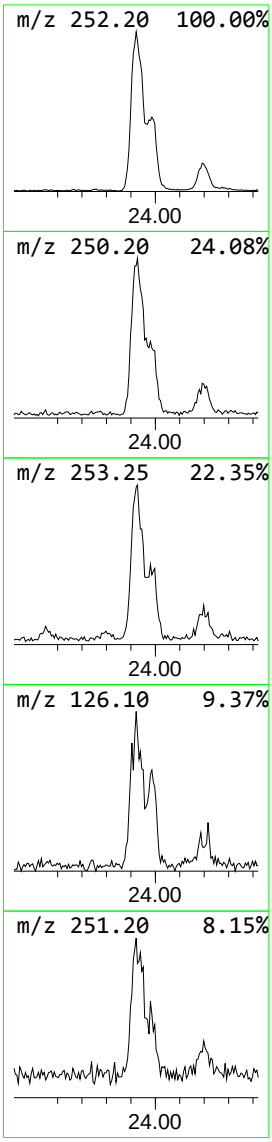
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[k]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.921	3.70 ng/ul	285003	Perylene-d12	24.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2	Benzo[a]pyrene	252	C20H12	000050-32-8	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020330.D
Acq On : 11 May 2024 20:49
Operator : MA/JU
Sample : P2371-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Propylene Glycol	3.487	2.9	ng/ul	72725	1	7.616	499285	20.0
Ethanol, 2-(2-b...	10.216	2.9	ng/ul	102940	2	10.393	710811	20.0
1-Phenoxypropan...	11.187	2.3	ng/ul	82004	2	10.393	710811	20.0
n-Hexadecanoic ...	18.081	7.1	ng/ul	454874	4	17.122	1285240	20.0
Fluoran thene	19.275	10.0	ng/ul	641626	4	17.122	1285240	20.0
4,4'-Bis(tetrah...	19.428	2.1	ng/ul	194360	5	21.616	1885730	20.0
(DEL) Alkane: S...	21.304	3.9	ng/ul	365250	5	21.616	1885730	20.0
Benzo[k]fluoran...	23.921	3.7	ng/ul	285003	6	24.974	1541400	20.0