LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	38	42	49	rBV	26827	38120	0.56%	0.067%
2	3.516	87	90	101	rBV	70068	108198	1.60%	0.190%
3	3.658	111	114	123	rVV	59501	92981	1.38%	0.163%
4	3.740	125	128	134	rVB	42281	55238	0.82%	0.097%
5	3.952	160	164	173	rVB	23013	36401	0.54%	0.064%
6	4.446	245	248	252	rBV4	5899	7878	0.12%	0.014%
7	4.499	252	257	262	rVB2	10859	16216	0.24%	0.029%
8	4.840	311	315	326	rVB	41678	69697	1.03%	0.123%
9	5.810	477	480	486	rBV3	6327	9856	0.15%	0.017%
10	6.787	640	646	652	rVB4	7901	14947	0.22%	0.026%
11	6.893	656	664	680	rBV	440076	780072	11.56%	1.371%
12	7.028	681	687	699	rVB	355278	562131	8.33%	0.988%
13	7.234	715	722	729	rBV	500183	784591	11.62%	1.379%
14	7.316	732	736	750	rVB2	23575	63121	0.94%	0.111%
15	7.681	791	798	808	rBV	675730	1027975	15.23%	1.807%
16	7.769	808	813	822	rVB7	8904	20216	0.30%	0.036%
17	8.404	912	921	935	rBV	447765	934895	13.85%	1.644%
18	8.834	985	994	1008	rBV	394565	748776	11.09%	1.316%
19	8.969	1012	1017	1025	rVB	8796	19469	0.29%	0.034%
20	9.181	1047	1053	1059	rVB4	7502	13506	0.20%	0.024%
21	9.381	1081	1087	1094	rBV2	34373	65871	0.98%	0.116%
22	9.546	1106	1115	1133	rBV	374669	663038	9.82%	1.166%
23	9.816	1155	1161	1163	rBV7	4450	8057	0.12%	0.014%
24	10.087	1199	1207	1228	rBV	436170	1012053	14.99%	1.779%
25	10.440	1259	1267	1274	rBV	794361	1464812	21.70%	2.575%
26	10.598	1287	1294	1308	rBV	302776	702836	10.41%	1.236%
27	10.993	1354	1361	1371	rBV	12127	38197	0.57%	0.067%
28	11.193	1388	1395	1416	rBV2	96514	262587	3.89%	0.462%
29	12.045	1534	1540	1545	rVB3	9017	17122	0.25%	0.030%
30	12.116	1545	1552	1561	rBV2	15206	29652	0.44%	0.052%
31	12.322	1580	1587	1594	rVB	10587	19348	0.29%	0.034%
32	13.263	1743	1747	1750	rBV6	4231	7642	0.11%	0.013%
33	13.322	1754	1757	1763	rVB6	4917	8129	0.12%	0.014%
34	13.475	1775	1783	1785	rBV9	6917	15575	0.23%	0.027%
35	13.516	1788	1790	1800	rVV6	8939	19844	0.29%	0.035%
36	13.622	1802	1808	1813	rVV4	11688	21592	0.32%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	13.675	1813	1817	1818	rBV3	12494	14643	0.22%	0.026%
38	13.710	1818	1823	1835	rVV	988938	1400170	20.74%	2.462%
39	13.851	1844	1847	1853	rBV8	5153	9304	0.14%	0.016%
40	14.004	1862	1873	1888	rBV2	1168929	1865524	27.64%	3.280%
41	14.192	1899	1905	1910	rVB8	5823	10636	0.16%	0.019%
42	14.310	1915	1925	1931	rBV	1254098	1998058	29.60%	3.513%
43	14.375	1931	1936	1943	rVB	102292	162409	2.41%	0.286%
44	14.528	1952	1962	1967	rBV2	76016	175207	2.60%	0.308%
45	14.592	1968	1973	1979	rBV	224856	441270	6.54%	0.776%
46	14.716	1990	1994	2000	rVB	45513	68091	1.01%	0.120%
47	14.934	2027	2031	2036	rBV7	7948	11671	0.17%	0.021%
48	15.104	2054	2060	2064	rBV8	10925	20746	0.31%	0.036%
49	15.169	2068	2071	2073	rVB2	7605	8150	0.12%	0.014%
50	15.316	2090	2096	2102	rBV	1540721	2251606	33.35%	3.959%
51	15.375	2102	2106	2117	rVB	115475	179908	2.67%	0.316%
52	15.475	2117	2123	2131	rBV	289624	498949	7.39%	0.877%
53	15.581	2139	2141	2147	rVB4	16055	21837	0.32%	0.038%
54	15.675	2153	2157	2161	rVB	24001	33617	0.50%	0.059%
55	15.833	2179	2184	2190	rBV	22092	41448	0.61%	0.073%
56	15.892	2190	2194	2197	rBV5	12111	16701	0.25%	0.029%
57	16.039	2216	2219	2220	rBV2	12478	12576	0.19%	0.022%
58	16.398	2274	2280	2286	rBV5	23790	43621	0.65%	0.077%
59	16.451	2286	2289	2294	rVB3	14365	20448	0.30%	0.036%
60	16.504	2296	2298	2302	rVB5	8520	8545	0.13%	0.015%
61	16.622	2315	2318	2324	rBV8	23270	43520	0.64%	0.077%
62	16.775	2339	2344	2351	rBV	46184	76273	1.13%	0.134%
63	16.857	2351	2358	2364	rBV5	28013	68251	1.01%	0.120%
64	16.933	2367	2371	2376	rVB	73470	107907	1.60%	0.190%
65	16.986	2376	2380	2384	rBV2	35595	57402	0.85%	0.101%
66	17.028	2384	2387	2392	rVB3	47506	70696	1.05%	0.124%
67	17.116	2395	2402	2406	rBV	1546708	2622623	38.85%	4.611%
68	17.163	2406	2410	2415	rVV	1302041	2098050	31.08%	3.689%
69	17.222	2415	2420	2424	rVV2	1711110	2543050	37.67%	4.471%
70	17.257	2424	2426	2430	rVB	251911	271742	4.03%	0.478%
71	17.545	2468	2475	2484	rBV2	141389	314173	4.65%	0.552%
72	17.739	2501	2508	2513	rBV2	114867	239714	3.55%	0.421%
73	17.810	2516	2520	2523	rBV	43419	49792	0.74%	0.088%
74	18.022	2551	2556	2557	rBV	114564	152774	2.26%	0.269%
75	18.045	2557	2560	2563	rVV	203568	254821	3.77%	0.448%
76	18.163	2576	2580	2585	rVB	48047	73013	1.08%	0.128%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BE9

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	18.227	2585	2591	2595	rBV2	320699	571312	8.46%	1.004%
78	18.269	2595	2598	2604	rVV2	131340	236941	3.51%	0.417%
79	18.327	2604	2608	2615	rVV5	60695	118283	1.75%	0.208%
80	18.392	2617	2619	2623	rVB4	30592	37616	0.56%	0.066%
81	18.516	2637	2640	2642	rBV2	34798	47869	0.71%	0.084%
82	18.545	2642	2645	2651	rVB	100284	155583	2.30%	0.274%
83	18.604	2651	2655	2662	rBV	188682	332109	4.92%	0.584%
84	18.980	2717	2719	2724	rBV3	49602	73248	1.09%	0.129%
85	19.027	2724	2727	2731	rBV4	63657	98610	1.46%	0.173%
86	19.080	2733	2736	2739	rVB	52264	61956	0.92%	0.109%
87	19.251	2760	2765	2771	rVB	2578862	3637692	53.89%	6.396%
88	19.604	2819	2825	2828	rBV2	2603092	3946857	58.47%	6.939%
89	19.633	2828	2830	2839	rVB	1791182	2272278	33.66%	3.995%
90	19.827	2861	2863	2867	rVB	94435	93686	1.39%	0.165%
91	20.157	2916	2919	2924	rVB	259411	355068	5.26%	0.624%
92	20.257	2933	2936	2940	rBV2	218140	299042	4.43%	0.526%
93	20.574	2987	2990	2993	rVB	187695	215794	3.20%	0.379%
94	21.221	3096	3100	3108	rVB2	452948	809380	11.99%	1.423%
95	21.457	3136	3140	3145	rVB	380200	523392	7.75%	0.920%
96	21.557	3150	3157	3163	rVV3	3131276	6750556	100.00%	11.868%
97	21.610	3163	3166	3172	rVB	982878	1502936	22.26%	2.642%
98	23.821	3537	3542	3548	rBV	694105	1772452	26.26%	3.116%
99	24.645	3676	3682	3689	rVB	900979	1863983	27.61%	3.277%
100	24.868	3713	3720	3729	rVB	1207497	2982523	44.18%	5.244%

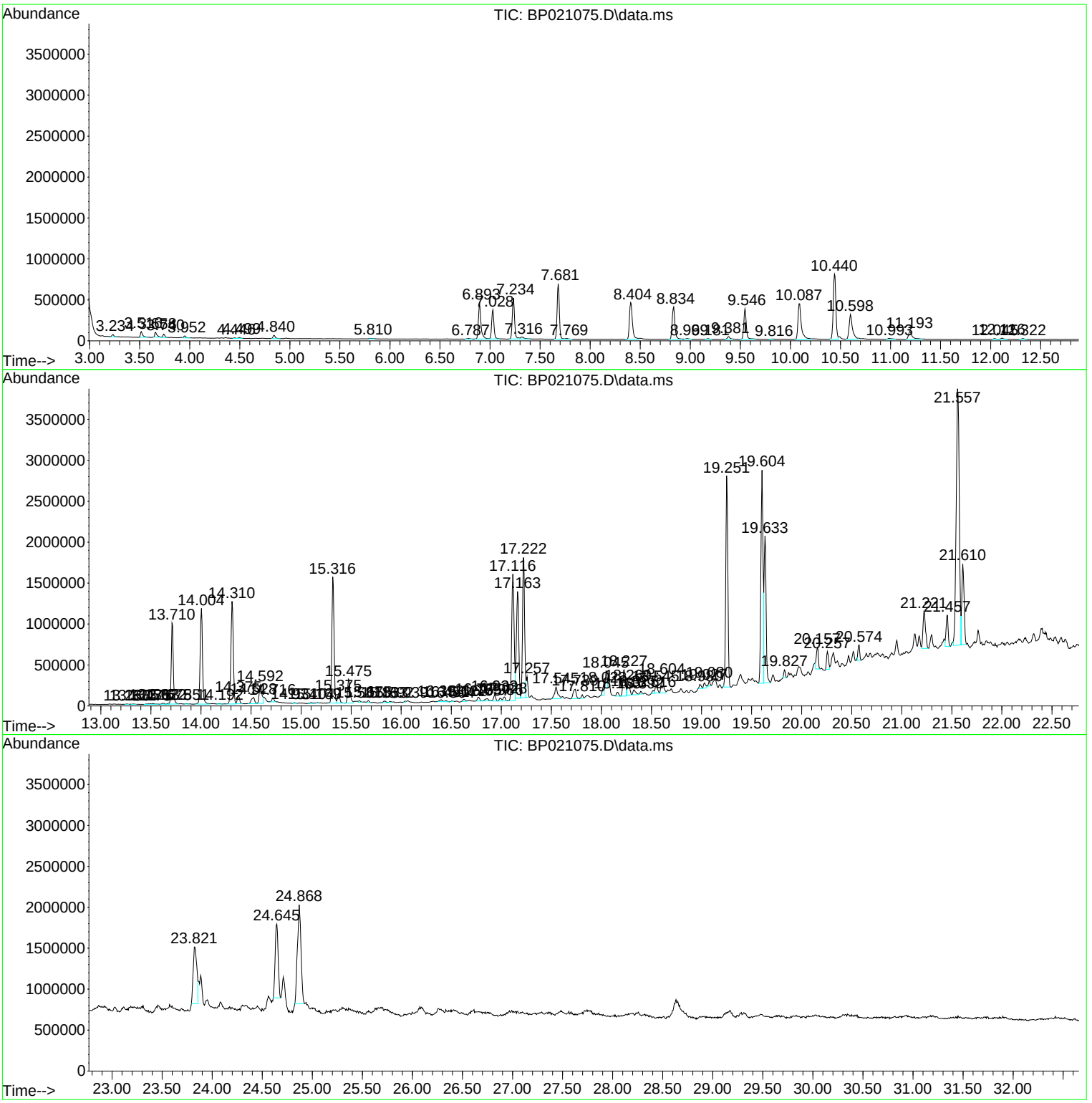
Sum of corrected areas: 56878741

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

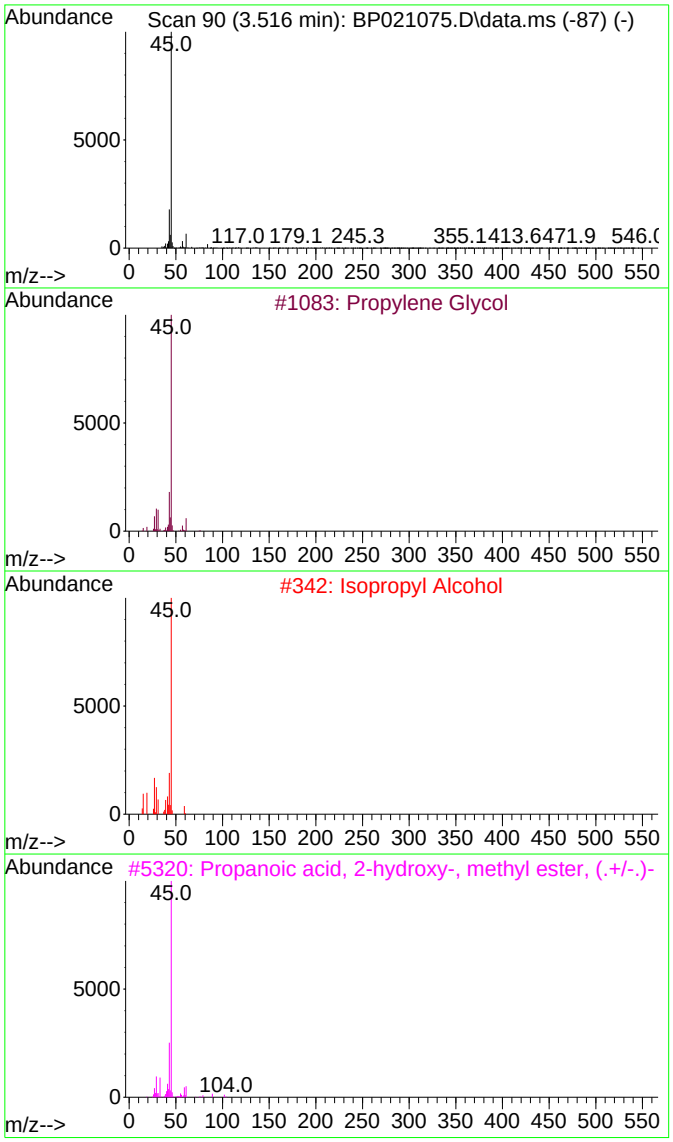
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

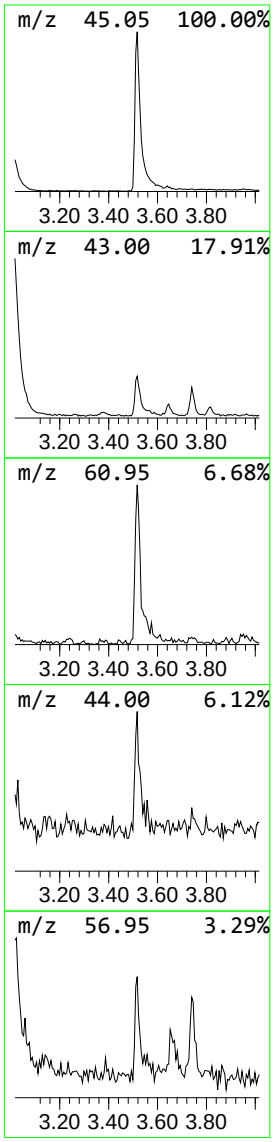
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.516	2.11 ng/ul	108198	1,4-Dichlorobenzene-d4	7.681

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	50
4	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

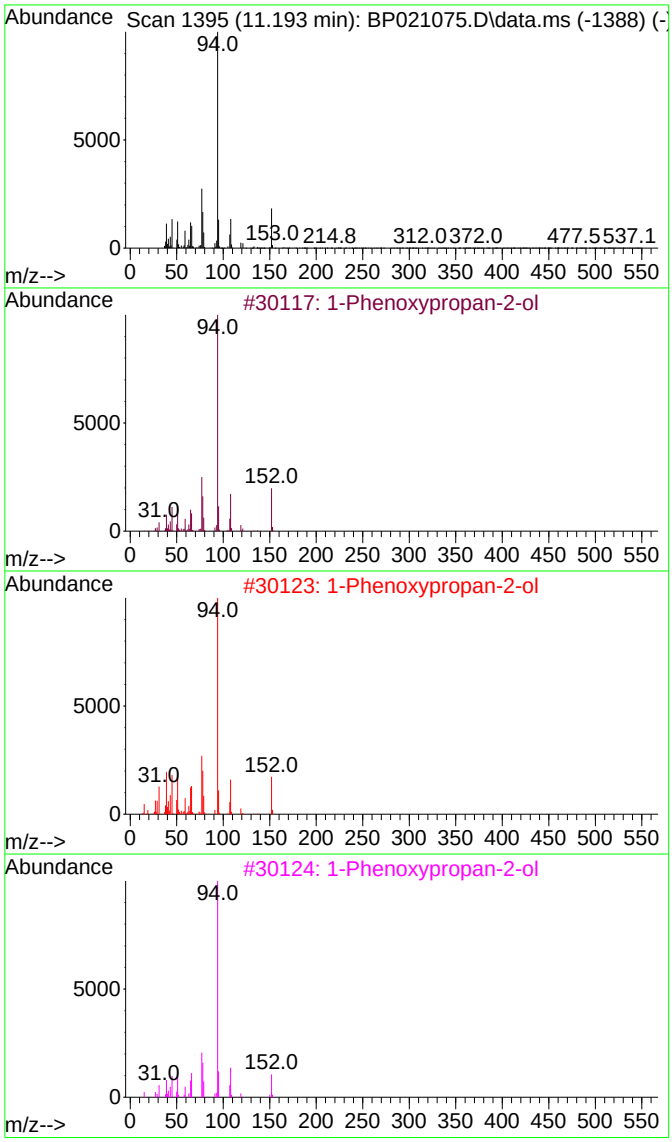
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

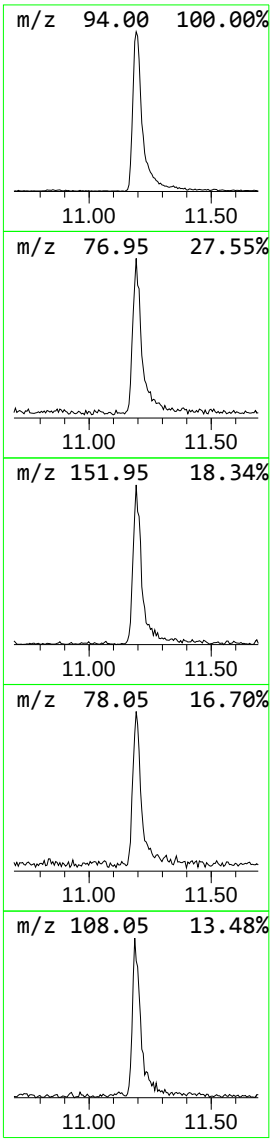
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.193	3.59 ng/ul	262587	Naphthalene-d8	10.440

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	91
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
5	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

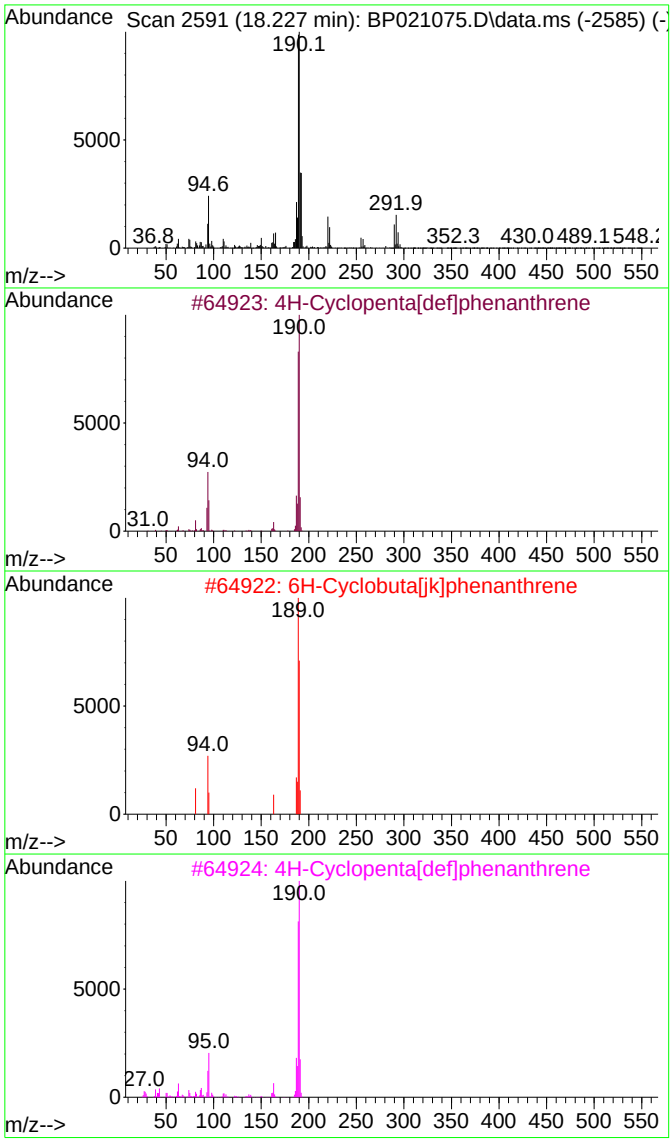
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

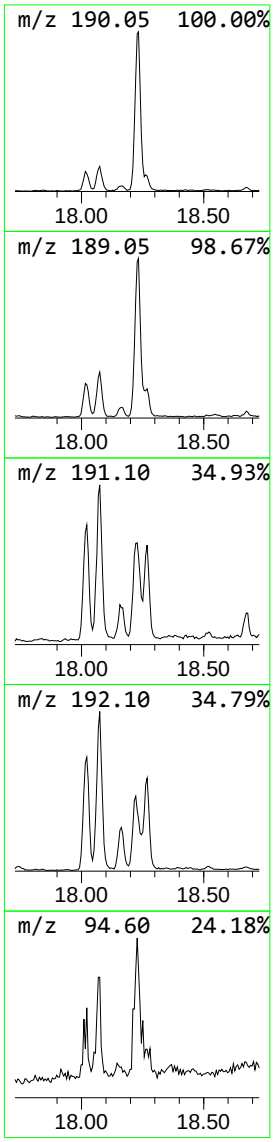
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	4.36 ng/ul	571312	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

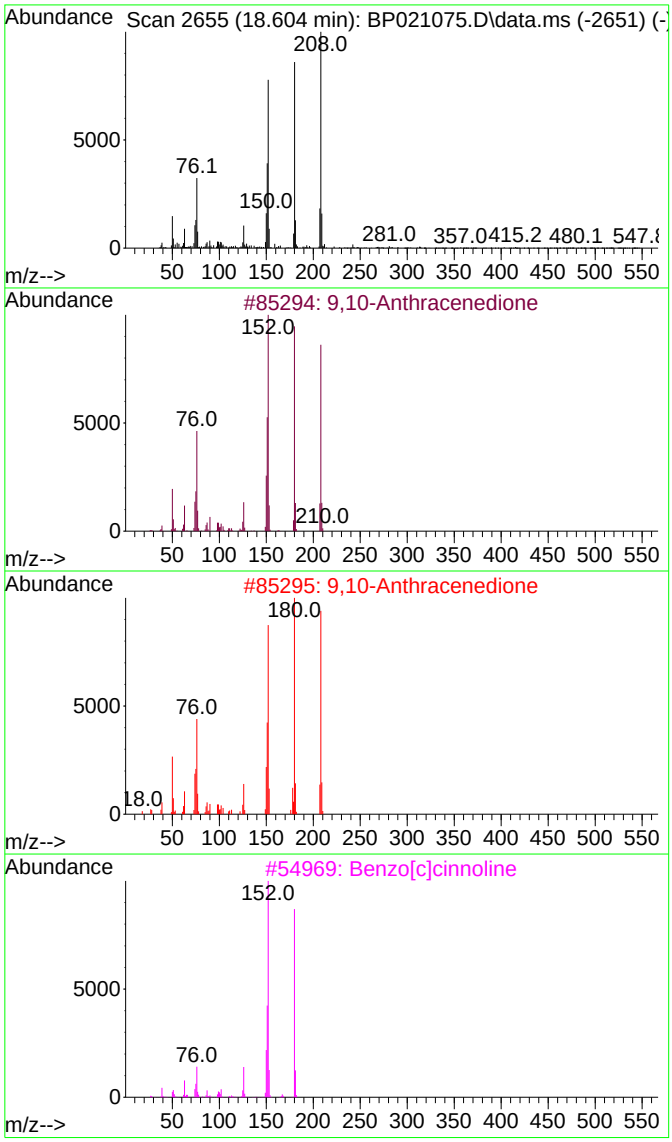
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

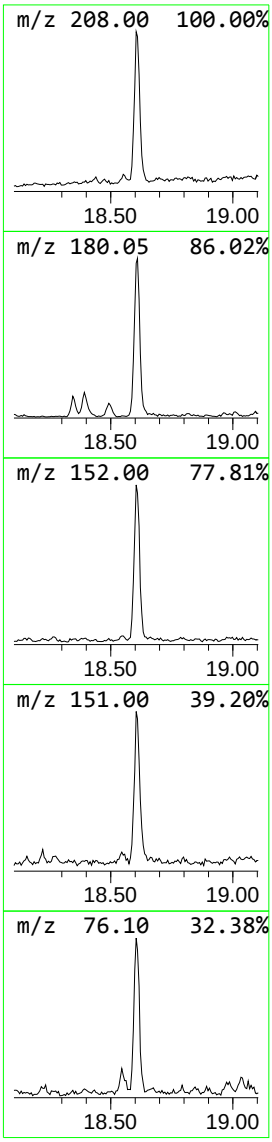
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	2.53 ng/ul	332109	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

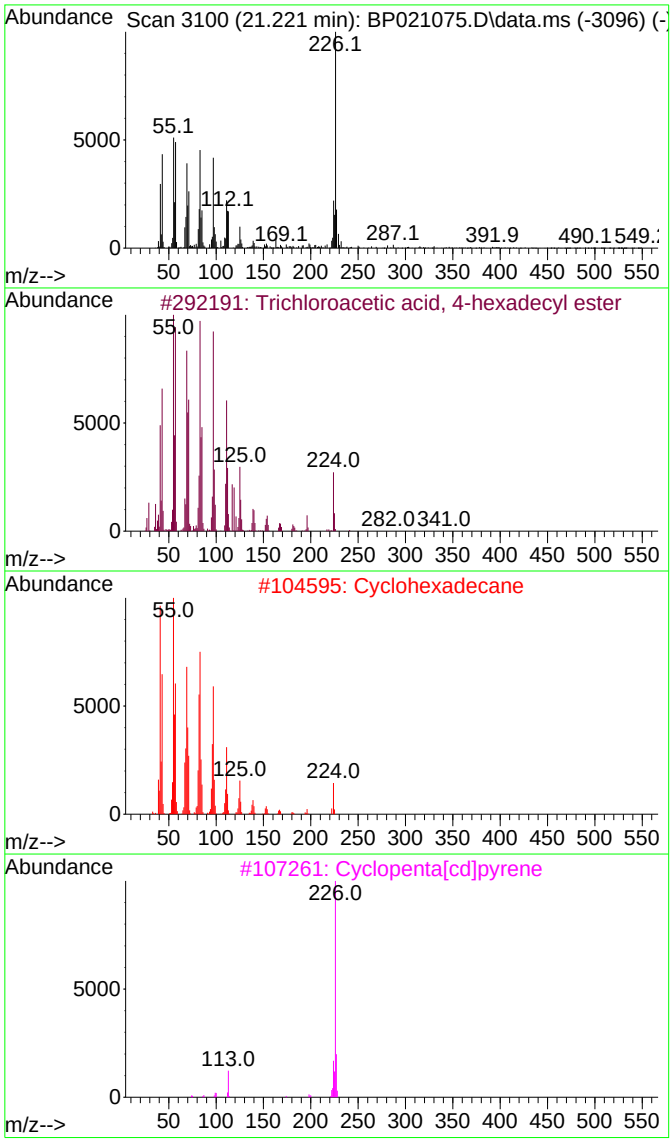
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

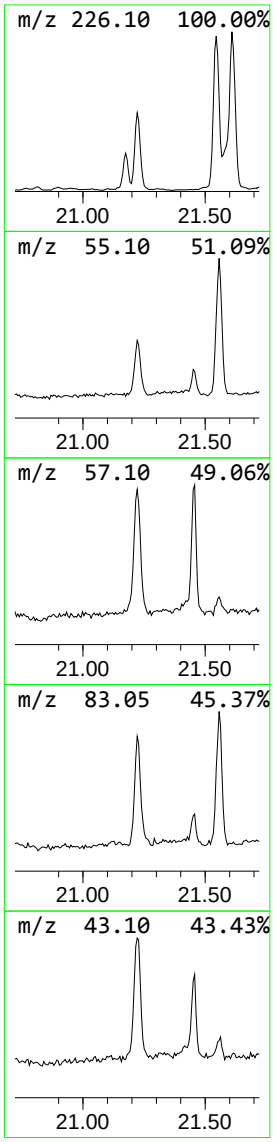
****

Peak Number 5 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.221	2.40 ng/ul	809380	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	43
2	Cyclohexadecane	224	C16H32	000295-65-8	43
3	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
4	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	38
5	4-Amino-5-(4-chlorophenyl)-4H-1,...	226	C8H7ClN4S	1010476-96-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021075.D
Acq On : 19 Jul 2024 12:50
Operator : MA/JU
Sample : P3238-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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	3.516	2.1	ng/ul	108198	1	7.681	1027980	20.0
1-Phenoxypropan...	11.193	3.6	ng/ul	262587	2	10.440	1464810	20.0
4H-Cyclopenta[d...	18.227	4.4	ng/ul	571312	4	17.116	2622620	20.0
9,10-Anthracene...	18.604	2.5	ng/ul	332109	4	17.116	2622620	20.0
unknown-01	21.221	2.4	ng/ul	809380	5	21.563	6750560	20.0