LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43R5

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: BP020324.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	19	22	27	rVB2	14244	18228	0.92%	0.086%
2	3.487	64	68	78	rBV	41945	83020	4.17%	0.390%
3	3.623	87	91	109	rBV	140754	294305	14.79%	1.382%
4	3.911	136	140	147	rVB5	3679	7114	0.36%	0.033%
5	4.793	281	290	294	rBV10	2353	6121	0.31%	0.029%
6	5.781	453	458	460	rBV4	2930	5161	0.26%	0.024%
7	5.917	478	481	487	rVB7	1446	3007	0.15%	0.014%
8	6.811	627	633	647	rBV	197548	435380	21.88%	2.044%
9	6.969	654	660	676	rVB	165340	309087	15.53%	1.451%
10	7.158	685	692	709	rBV	244601	454050	22.82%	2.131%
11	7.293	713	715	716	rBV2	2622	2437	0.12%	0.011%
12	7.611	763	769	780	rBV	259551	461430	23.19%	2.166%
13	8.328	883	891	913	rBV	252001	561979	28.24%	2.638%
14	8.775	959	967	983	rBV	217593	463974	23.31%	2.178%
15	9.122	1019	1026	1029	rVB6	3938	6514	0.33%	0.031%
16	9.369	1062	1068	1072	rBV3	15389	29902	1.50%	0.140%
17	9.487	1081	1088	1102	rBV	202567	395530	19.87%	1.857%
18	10.034	1174	1181	1210	rBV2	214327	603663	30.33%	2.834%
19	10.228	1211	1214	1217	rBV5	3841	5513	0.28%	0.026%
20	10.387	1232	1241	1259	rVB	371464	650942	32.71%	3.056%
21	10.557	1262	1270	1293	rBV	233282	592334	29.76%	2.781%
22	11.016	1342	1348	1351	rBV8	4371	7923	0.40%	0.037%
23	11.181	1368	1376	1389	rBV3	35271	123112	6.19%	0.578%
24	11.616	1444	1450	1456	rBV3	1230	2611	0.13%	0.012%
25	12.004	1511	1516	1527	rVB2	4296	9977	0.50%	0.047%
26	12.287	1560	1564	1568	rBV4	2478	4619	0.23%	0.022%
27	13.081	1695	1699	1703	rBV7	1846	2690	0.14%	0.013%
28	13.710	1798	1806	1822	rBV	637095	1018545	51.18%	4.781%
29	13.981	1844	1852	1864	rBV2	673896	1122953	56.43%	5.271%
30	14.293	1899	1905	1918	rBV	525769	913977	45.93%	4.290%
31	14.393	1918	1922	1928	rVB9	3587	6374	0.32%	0.030%
32	14.534	1936	1946	1950	rBV3	60621	162254	8.15%	0.762%
33	14.587	1950	1955	1963	rBV	92583	242469	12.18%	1.138%
34	14.822	1993	1995	1998	rVB4	2783	2038	0.10%	0.010%
35	15.116	2040	2045	2050	rVB	8372	12142	0.61%	0.057%
36	15.175	2050	2055	2058	rBV7	3207	4625	0.23%	0.022%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

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	15.316	2073	2079	2096	rBV	861545	1458294	73.28%	6.846%
38	15.481	2101	2107	2117	rBV2	176910	364797	18.33%	1.712%
39	15.722	2144	2148	2150	rVV5	2397	2174	0.11%	0.010%
40	15.910	2175	2180	2185	rBV9	4300	7491	0.38%	0.035%
41	16.134	2213	2218	2221	rVB7	1985	3128	0.16%	0.015%
42	16.251	2234	2238	2239	rBV4	2051	2855	0.14%	0.013%
43	16.440	2264	2270	2273	rBV7	1939	2958	0.15%	0.014%
44	16.557	2286	2290	2293	rVB6	1635	2147	0.11%	0.010%
45	16.728	2316	2319	2322	rVB5	1983	2427	0.12%	0.011%
46	16.798	2327	2331	2334	rVV5	1914	3097	0.16%	0.015%
47	17.075	2374	2378	2381	rBV6	6414	8719	0.44%	0.041%
48	17.128	2381	2387	2399	rVV	748520	1179766	59.28%	5.538%
49	17.245	2399	2407	2422	rVV2	934740	1644204	82.62%	7.718%
50	17.381	2427	2430	2438	rVB9	4689	10405	0.52%	0.049%
51	17.563	2457	2461	2470	rVB10	12111	24150	1.21%	0.113%
52	17.669	2477	2479	2482	rVB4	1973	2299	0.12%	0.011%
53	17.792	2497	2500	2503	rVV5	2013	2293	0.12%	0.011%
54	17.863	2507	2512	2517	rVB	16712	22409	1.13%	0.105%
55	17.957	2525	2528	2531	rBV5	2864	4145	0.21%	0.019%
56	18.098	2546	2552	2563	rBV	177337	304958	15.32%	1.432%
57	18.404	2600	2604	2608	rBV7	5926	7735	0.39%	0.036%
58	18.539	2624	2627	2632	rVB2	32768	37442	1.88%	0.176%
59	18.816	2670	2674	2678	rBV7	4534	9750	0.49%	0.046%
60	19.063	2713	2716	2719	rBV2	9614	11194	0.56%	0.053%
61	19.098	2719	2722	2727	rVB6	14623	18266	0.92%	0.086%
62	19.186	2734	2737	2743	rVB5	12412	16868	0.85%	0.079%
63	19.286	2748	2754	2756	rBV2	20494	37243	1.87%	0.175%
64	19.410	2773	2775	2776	rBV2	3850	2980	0.15%	0.014%
65	19.445	2776	2781	2790	rVV3	56243	108439	5.45%	0.509%
66	19.645	2809	2815	2824	rBV2	1304861	1990105	100.00%	9.342%
67	21.322	3095	3100	3111	rBV2	157551	297049	14.93%	1.394%
68	21.633	3147	3153	3165	rBV2	773718	1342445	67.46%	6.302%
69	24.768	3676	3686	3699	rVB	710867	1983444	99.67%	9.311%
70	24.992	3715	3724	3743	rVB	429244	1360736	68.38%	6.388%

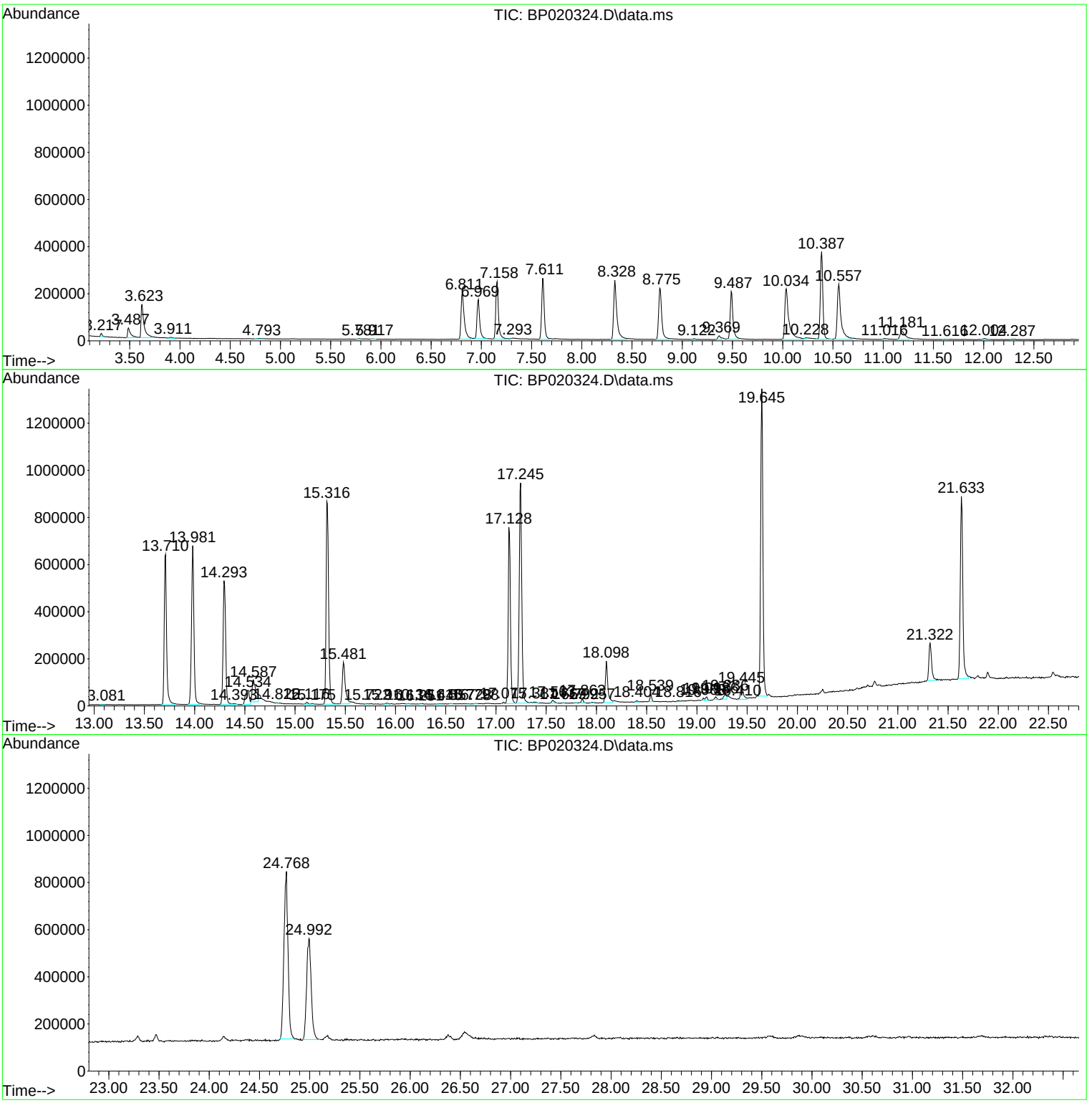
Sum of corrected areas: 21302412

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

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 : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

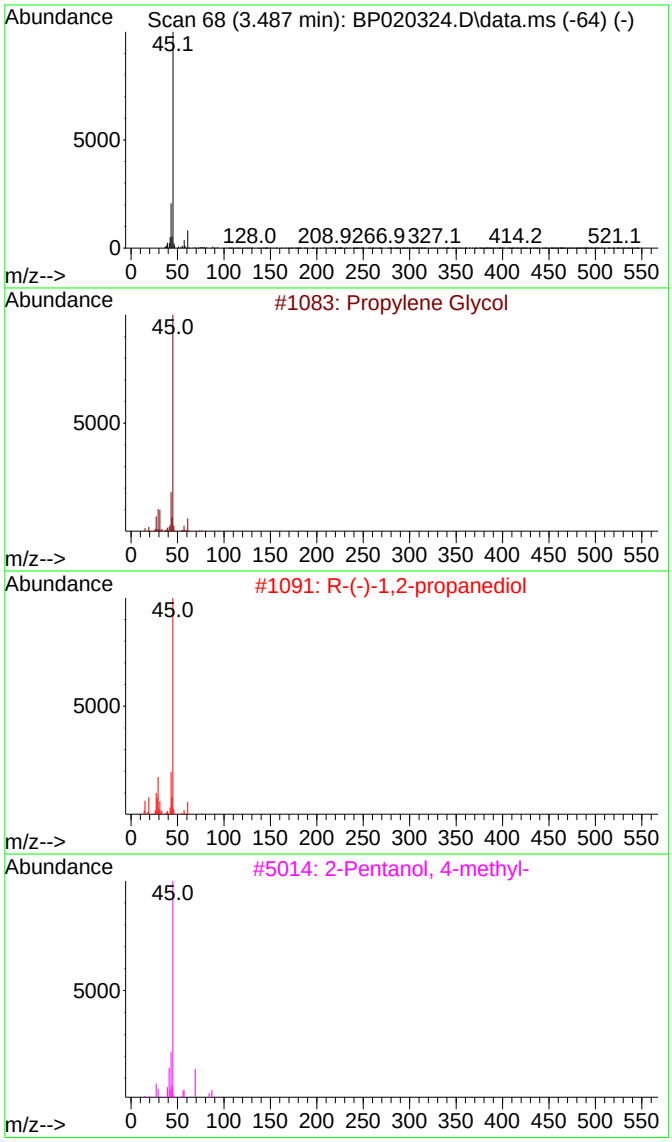
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

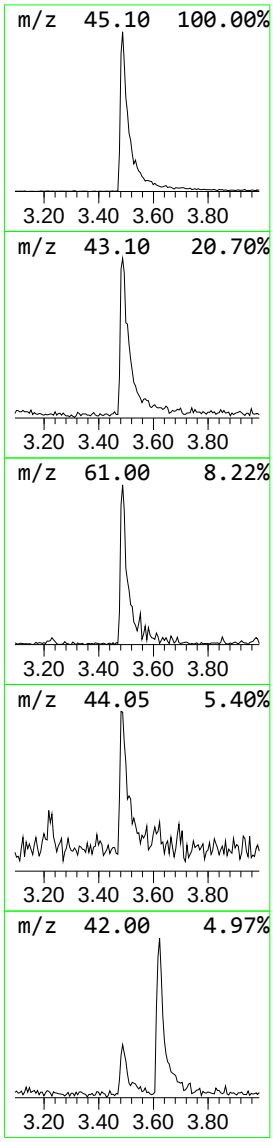
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.487	3.60 ng/ul	83020	1,4-Dichlorobenzene-d4	7.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	80
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	56
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	40
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	23
5	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

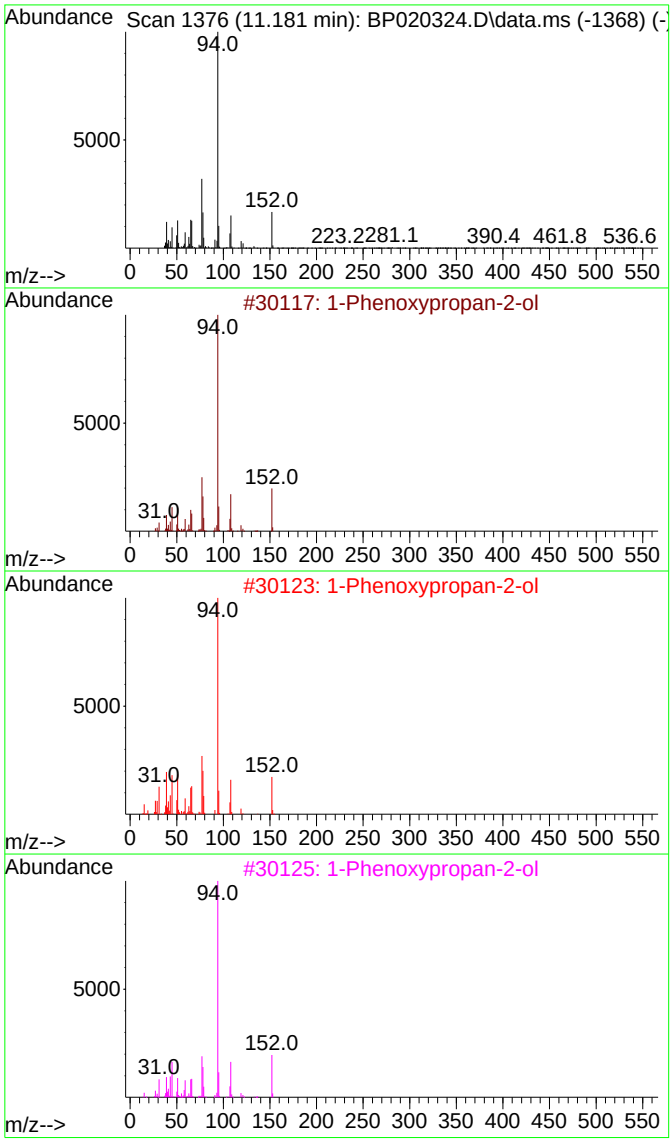
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

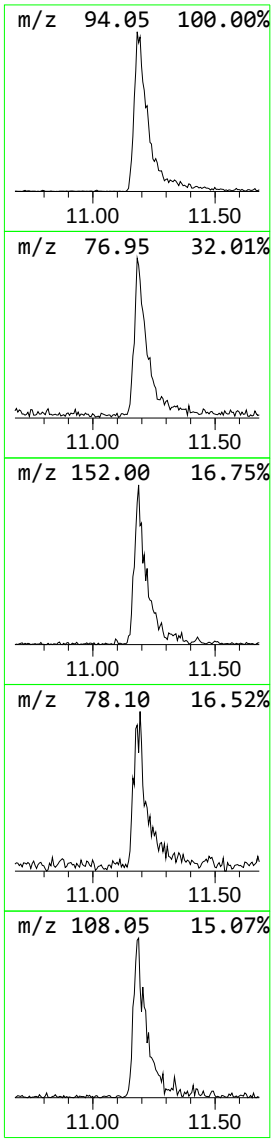
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.181	3.78 ng/ul	123112	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	80
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

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

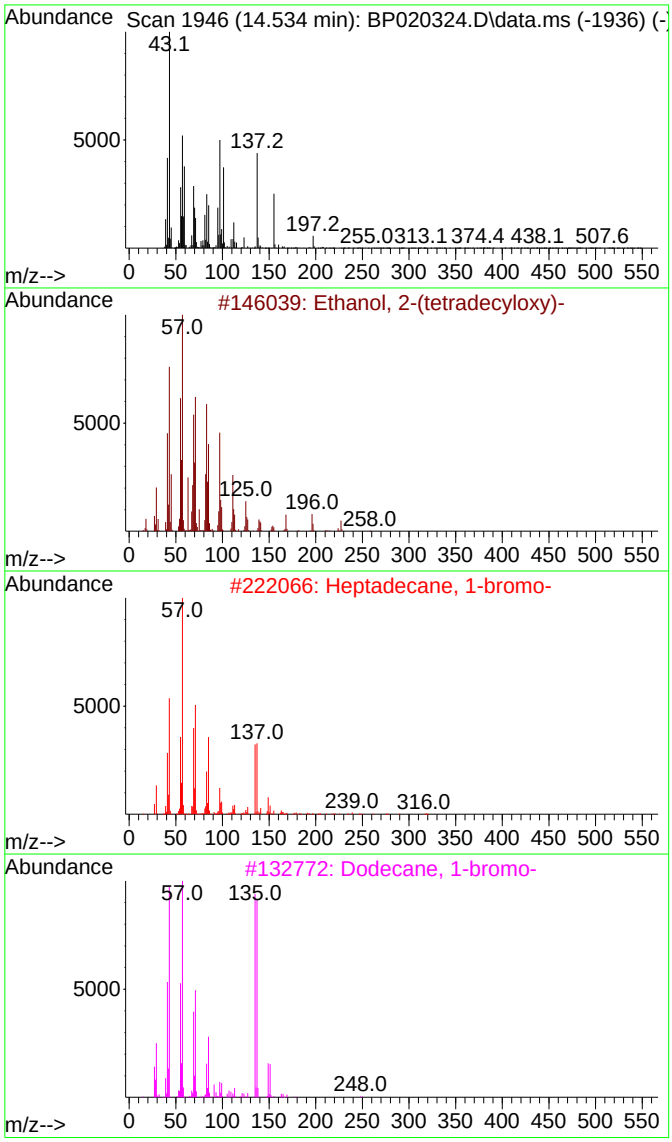
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

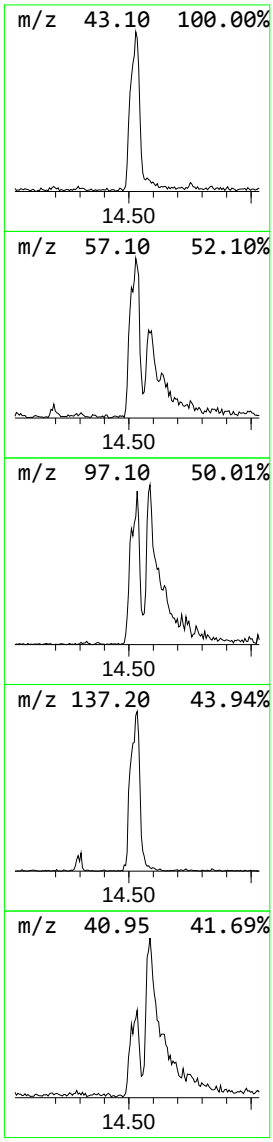
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.534	3.55 ng/ul	162254	Acenaphthene-d10	14.293

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	18
2	Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	15
3	Dodecane, 1-bromo-	248	C12H25Br	000143-15-7	12
4	3-Hexene-2,5-dione	112	C6H8O2	004436-75-3	11
5	5-Ethyl-3-nonanol	172	C11H24O	019780-71-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

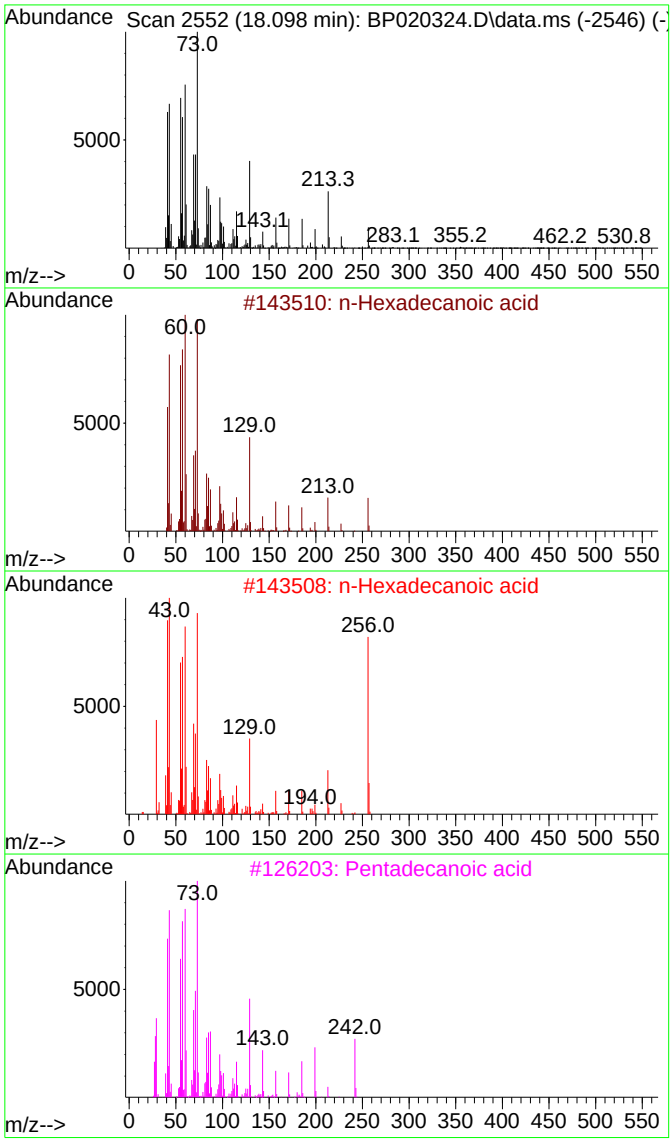
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

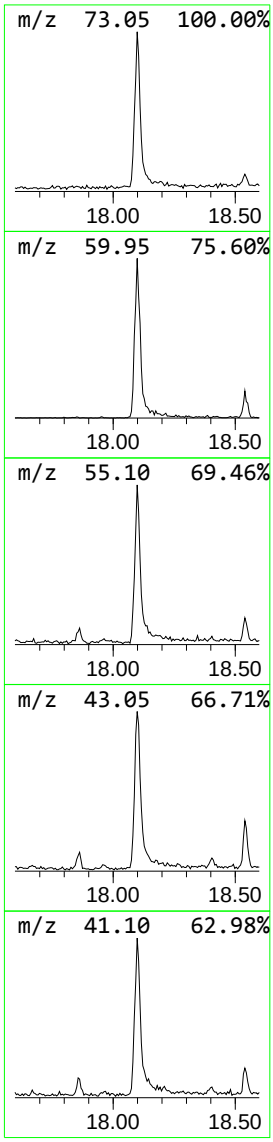
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	5.17 ng/ul	304958	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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

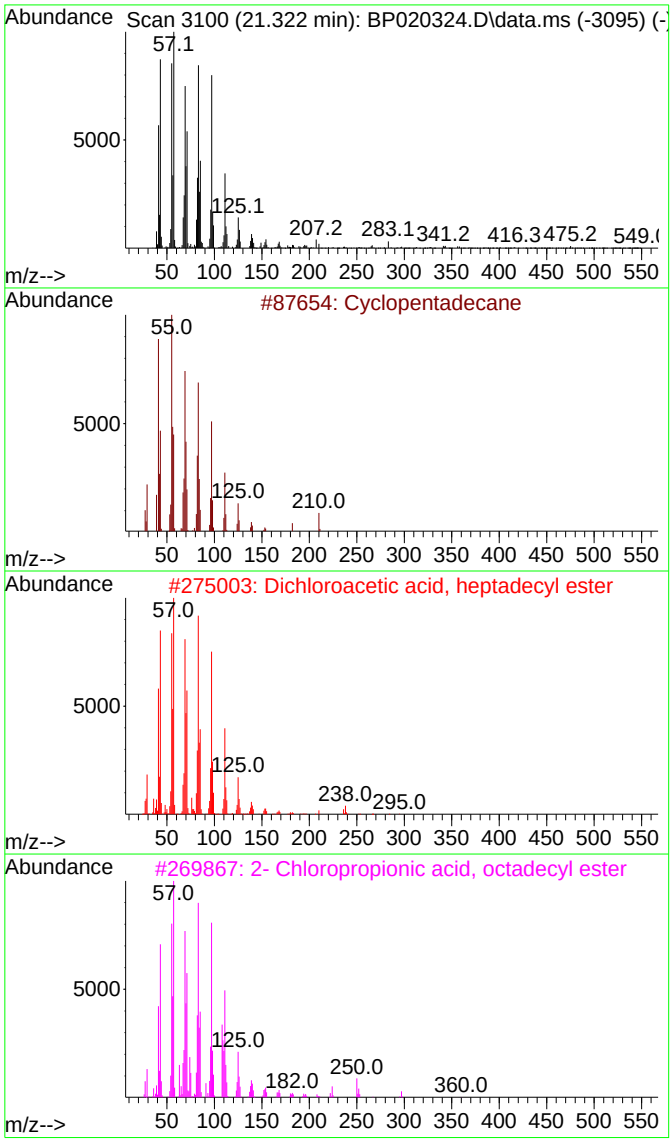
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

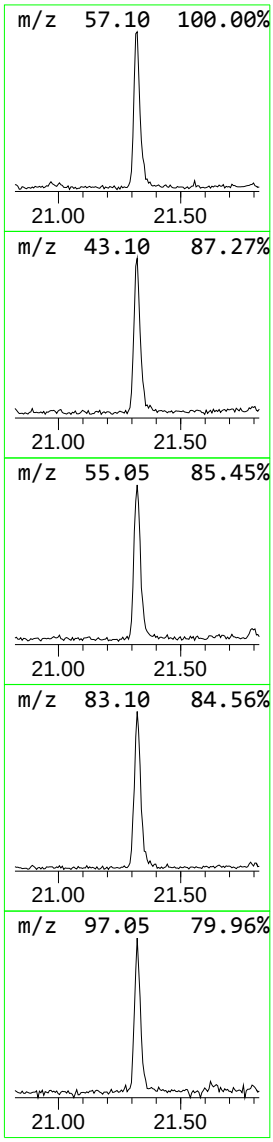
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic21.322 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	4.43 ng/ul	297049	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051024\
Data File : BP020324.D
Acq On : 11 May 2024 16:29
Operator : MA/JU
Sample : P2371-04
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43R5

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	3.6	ng/ul	83020	1	7.611	461430	20.0
1-Phenoxypropan...	11.181	3.8	ng/ul	123112	2	10.387	650942	20.0
unknown-01	14.534	3.5	ng/ul	162254	3	14.293	913977	20.0
n-Hexadecanoic ...	18.098	5.2	ng/ul	304958	4	17.128	1179770	20.0
(DEL) Alkane: C...	21.322	4.4	ng/ul	297049	5	21.633	1342450	20.0