LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

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: BP020402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	14	17	26	rVB	18235	28344	1.28%	0.103%
2	3.463	60	64	74	rBV	42335	81319	3.66%	0.297%
3	3.593	82	86	104	rBV	162842	309978	13.96%	1.130%
4	3.881	133	135	139	rVB4	4527	5337	0.24%	0.019%
5	4.287	202	204	209	rVV6	1528	2270	0.10%	0.008%
6	5.646	431	435	437	rVB4	1780	2708	0.12%	0.010%
7	6.787	620	629	650	rBV	196168	478273	21.55%	1.744%
8	6.945	650	656	668	rVV	188019	340488	15.34%	1.242%
9	7.128	681	687	706	rBV	244843	477272	21.50%	1.741%
10	7.293	710	715	716	rBV5	1832	2543	0.11%	0.009%
11	7.340	722	723	729	rVB6	2057	2348	0.11%	0.009%
12	7.587	758	765	776	rBV	362603	658094	29.65%	2.400%
13	8.304	881	887	912	rBV	273781	596615	26.88%	2.176%
14	8.751	956	963	977	rBV	240851	493683	22.24%	1.800%
15	8.922	990	992	997	rVB6	2062	3320	0.15%	0.012%
16	9.098	1016	1022	1025	rVB8	1756	3375	0.15%	0.012%
17	9.363	1062	1067	1069	rBV6	3462	5807	0.26%	0.021%
18	9.469	1078	1085	1103	rBV	220727	443986	20.00%	1.619%
19	9.581	1103	1104	1108	rVV4	2764	3239	0.15%	0.012%
20	9.628	1108	1112	1116	rVV7	1870	3365	0.15%	0.012%
21	10.004	1170	1176	1202	rBV	230773	650128	29.29%	2.371%
22	10.239	1210	1216	1220	rBV9	3929	9261	0.42%	0.034%
23	10.363	1228	1237	1252	rBV	515071	968485	43.63%	3.532%
24	10.534	1257	1266	1283	rBV	226631	600147	27.04%	2.189%
25	10.992	1339	1344	1346	rBV5	2184	3133	0.14%	0.011%
26	11.175	1367	1375	1384	rBV4	20092	67036	3.02%	0.244%
27	11.998	1510	1515	1524	rVB5	4656	11561	0.52%	0.042%
28	13.151	1706	1711	1714	rVB6	1888	2569	0.12%	0.009%
29	13.480	1761	1767	1768	rBV6	2300	3298	0.15%	0.012%
30	13.692	1794	1803	1823	rBV	749058	1149223	51.77%	4.191%
31	13.957	1837	1848	1864	rBV2	763056	1247746	56.21%	4.550%
32	14.269	1892	1901	1923	rBV	858452	1468721	66.17%	5.356%
33	14.492	1932	1939	1940	rBV	441825	662577	29.85%	2.416%
34	14.569	1947	1952	1965	rBV2	86625	252917	11.39%	0.922%
35	15.104	2035	2043	2047	rBV10	3047	7615	0.34%	0.028%
36	15.157	2047	2052	2058	rVB10	3372	7130	0.32%	0.026%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

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	15.304	2069	2077	2089	rBV	941969	1581077	71.23%	5.766%
38	15.463	2097	2104	2116	rBV	228843	492761	22.20%	1.797%
39	15.792	2157	2160	2166	rVB8	1690	3198	0.14%	0.012%
40	15.892	2172	2177	2185	rBV8	5395	13219	0.60%	0.048%
41	16.051	2201	2204	2211	rBV8	2494	4772	0.21%	0.017%
42	16.245	2231	2237	2243	rBV10	2595	6065	0.27%	0.022%
43	16.533	2282	2286	2292	rBV8	4682	9161	0.41%	0.033%
44	16.780	2324	2328	2332	rBV7	1765	2921	0.13%	0.011%
45	16.880	2341	2345	2346	rBV4	2642	2756	0.12%	0.010%
46	17.068	2369	2377	2379	rBV8	5159	10961	0.49%	0.040%
47	17.116	2379	2385	2397	rVV	1271522	1918452	86.43%	6.996%
48	17.227	2397	2404	2419	rVV	900500	1735410	78.18%	6.329%
49	17.327	2419	2421	2425	rVV5	5567	9916	0.45%	0.036%
50	17.380	2425	2430	2437	rVV9	7992	17549	0.79%	0.064%
51	17.445	2437	2441	2447	rVB7	2932	5057	0.23%	0.018%
52	17.557	2456	2460	2461	rBV3	3204	4203	0.19%	0.015%
53	17.657	2474	2477	2479	rBV3	3205	3402	0.15%	0.012%
54	17.851	2505	2510	2514	rVB	17445	24135	1.09%	0.088%
55	17.951	2523	2527	2533	rBV9	5527	9502	0.43%	0.035%
56	18.021	2536	2539	2541	rBV4	2601	3199	0.14%	0.012%
57	18.092	2544	2551	2562	rBV	517737	861827	38.83%	3.143%
58	18.533	2624	2626	2631	rVB6	7775	7906	0.36%	0.029%
59	19.057	2712	2715	2717	rBV4	7580	10040	0.45%	0.037%
60	19.086	2717	2720	2726	rVB8	15692	22081	0.99%	0.081%
61	19.168	2731	2734	2739	rVV3	16650	22979	1.04%	0.084%
62	19.280	2746	2753	2767	rVB5	33059	119006	5.36%	0.434%
63	19.433	2773	2779	2792	rBV	311127	526757	23.73%	1.921%
64	19.580	2801	2804	2807	rBV2	19685	25790	1.16%	0.094%
65	19.633	2807	2813	2824	rVV	1410000	2123951	95.68%	7.746%
66	20.757	3001	3004	3007	rVB4	32423	33067	1.49%	0.121%
67	21.292	3090	3095	3103	rBV2	200331	349232	15.73%	1.274%
68	21.609	3143	3149	3164	rVB2	1143710	2135540	96.21%	7.788%
69	24.733	3670	3680	3693	rVB2	690622	2051210	92.41%	7.480%
70	24.950	3709	3717	3737	rVB	749770	2219770	100.00%	8.095%

Sum of corrected areas: 27420783

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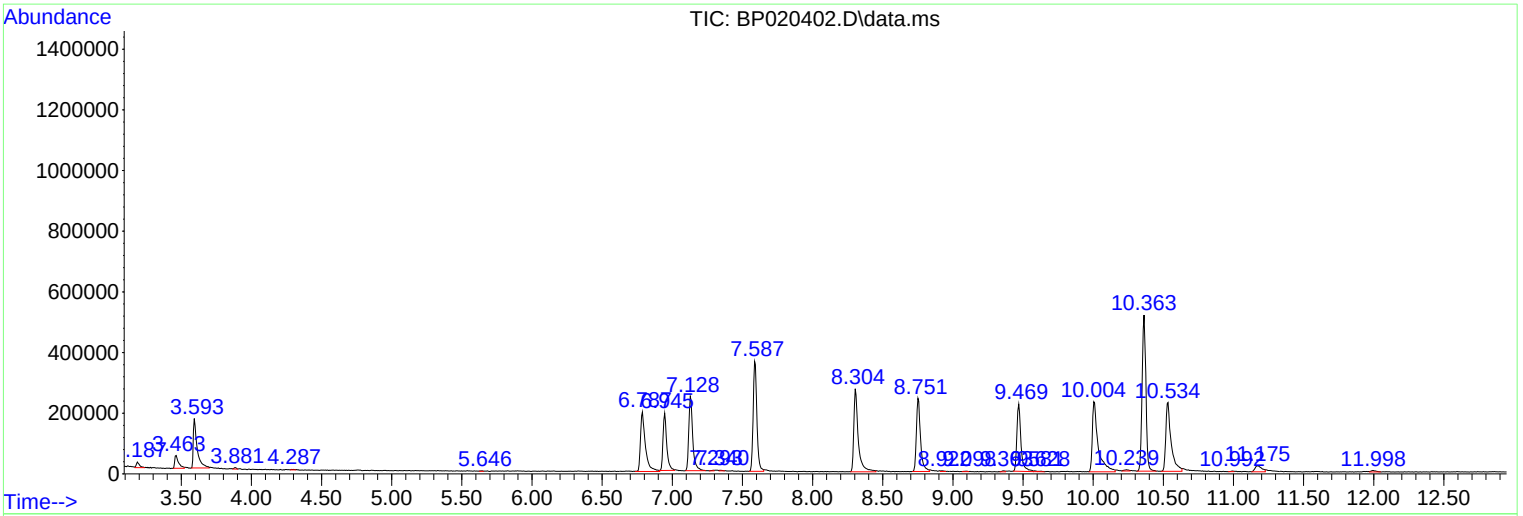
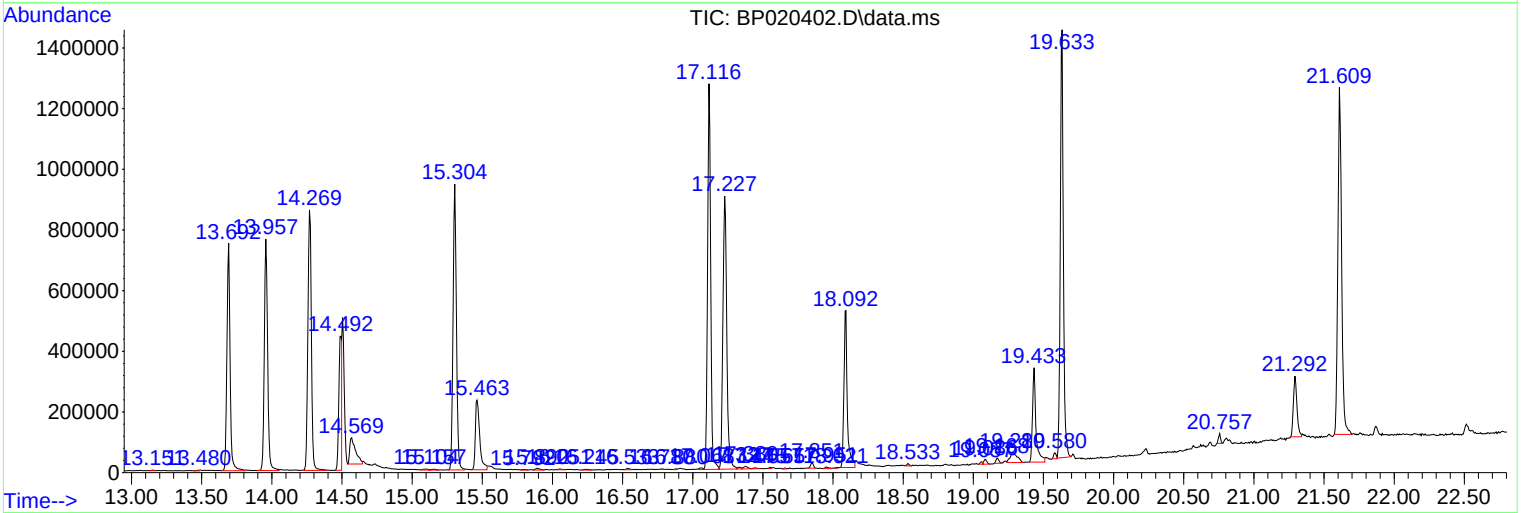
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

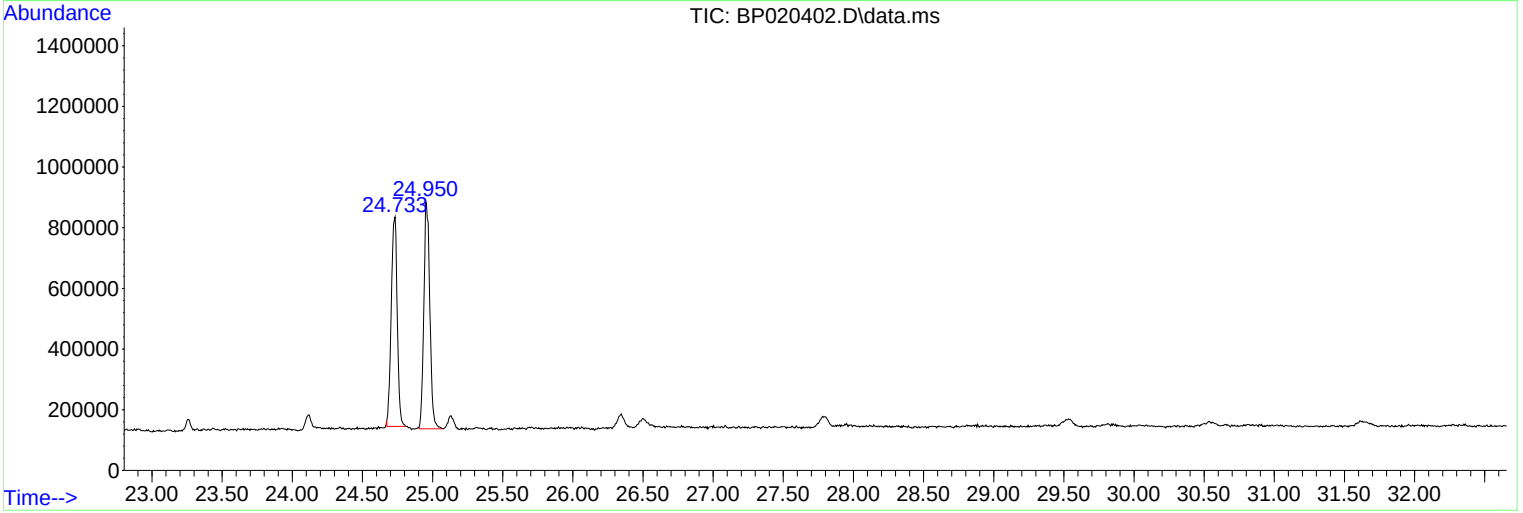
Instrument :
BNA_P
ClientSampleId :
A43Y0

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\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

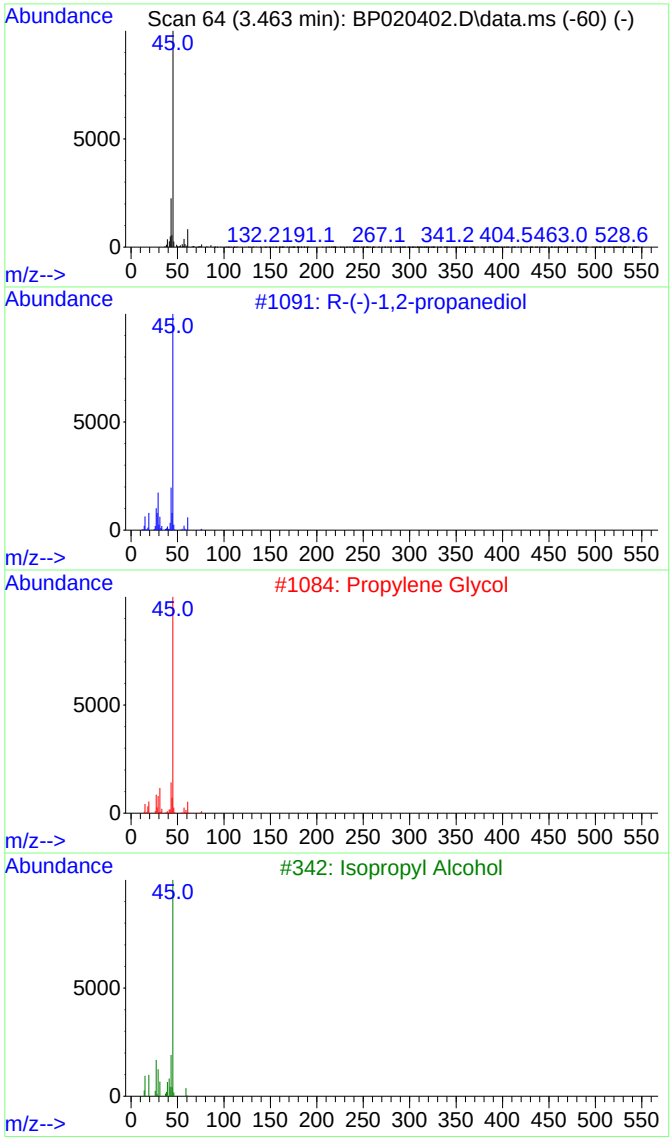
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

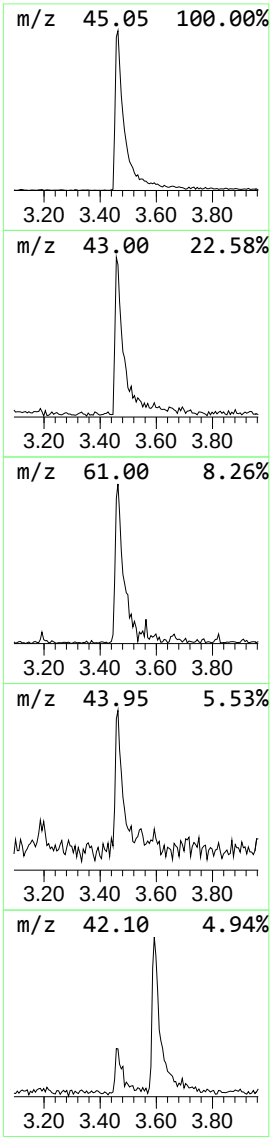
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 R-(-)-1,2-propanediol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.463	2.47 ng/ul	81319	1,4-Dichlorobenzene-d4	7.587

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
2	Propylene Glycol	76	C3H8O2	000057-55-6	64
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	50
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	23
5	Paraldehyde	132	C6H12O3	000123-63-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

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

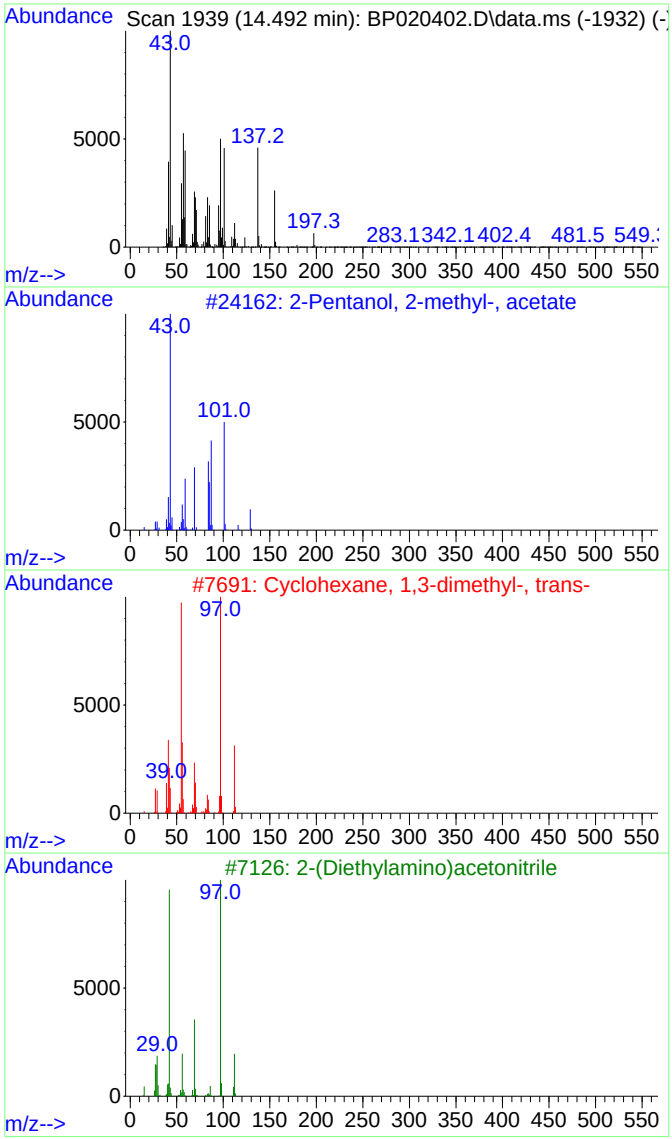
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

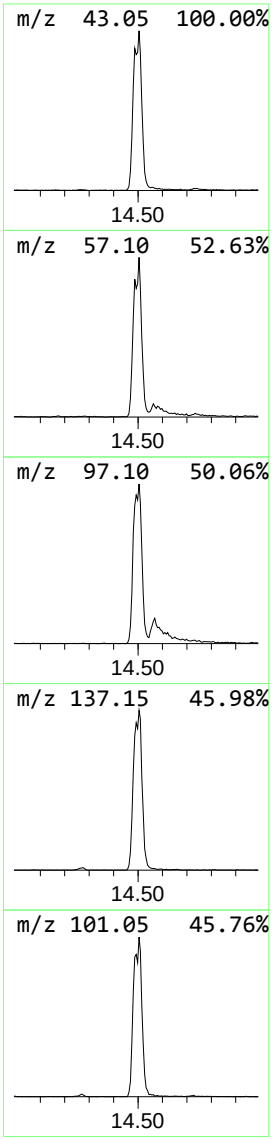
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.492	9.02 ng/ul	662577	Acenaphthene-d10	14.269

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-, acetate	144	C8H16O2	034859-98-8	14
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	11
3	2-(Diethylamino)acetonitrile	112	C6H12N2	003010-02-4	10
4	1-(2-Furyl)-3-buten-1-ol	138	C8H10O2	1000311-94-9	10
5	Pentadecane, 1-bromo-	290	C15H31Br	000629-72-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

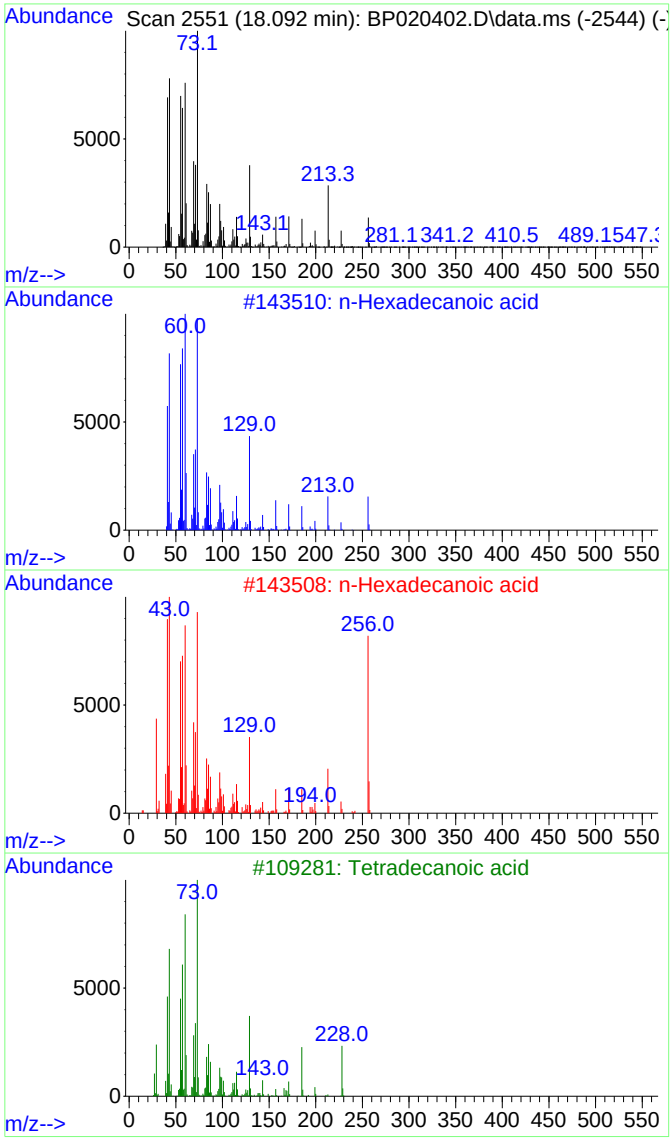
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

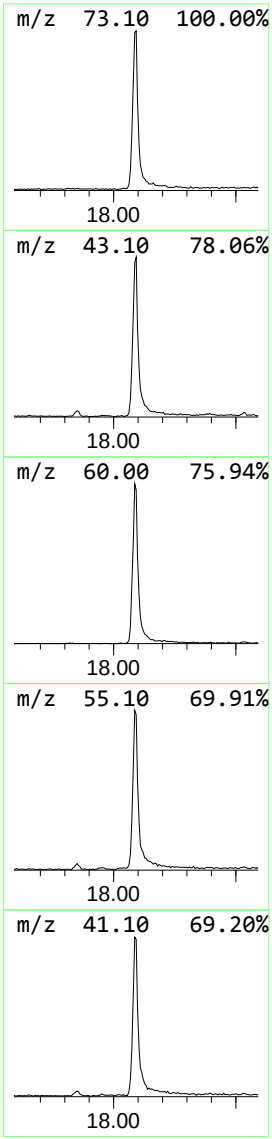
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	8.98 ng/ul	861827	Phenanthrene-d10	17.116

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	99
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

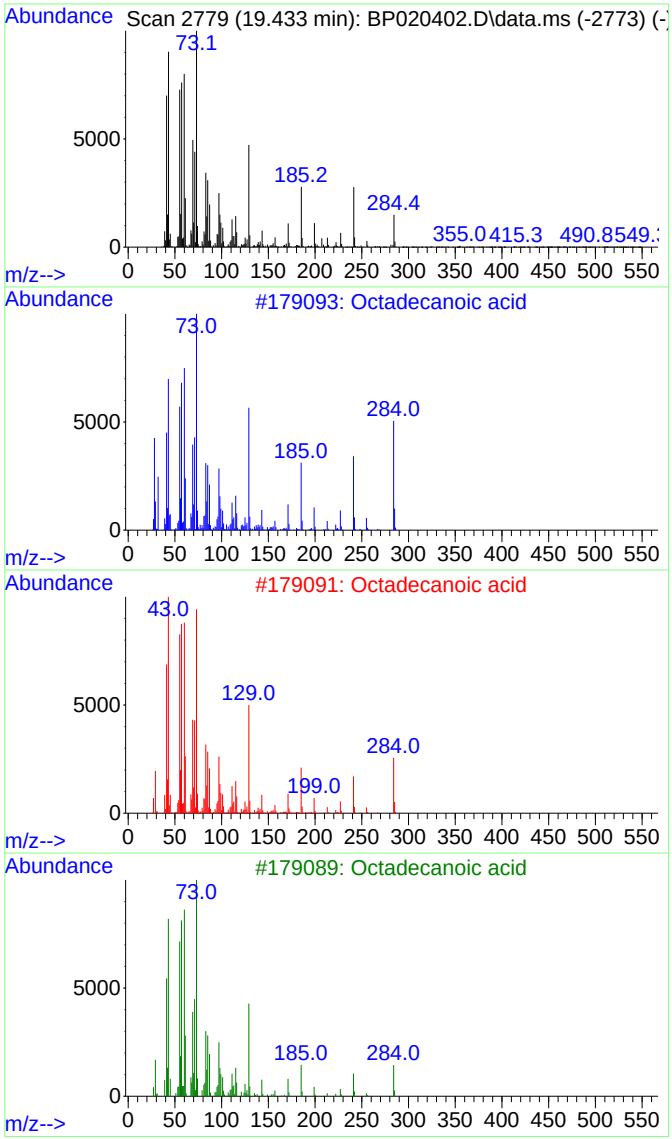
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

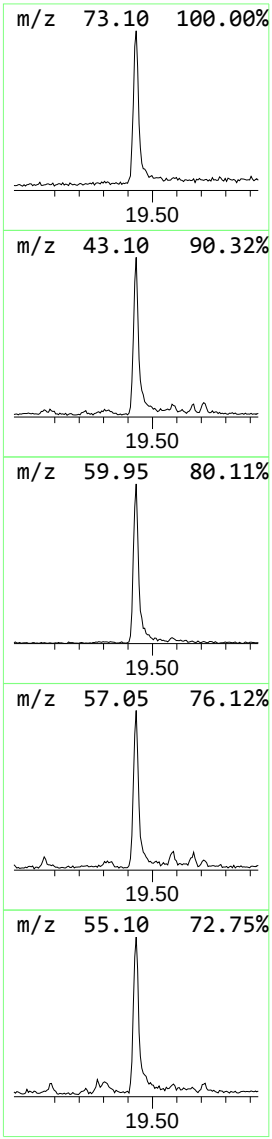
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	4.93 ng/ul	526757	Chrysene-d12	21.609

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	95
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

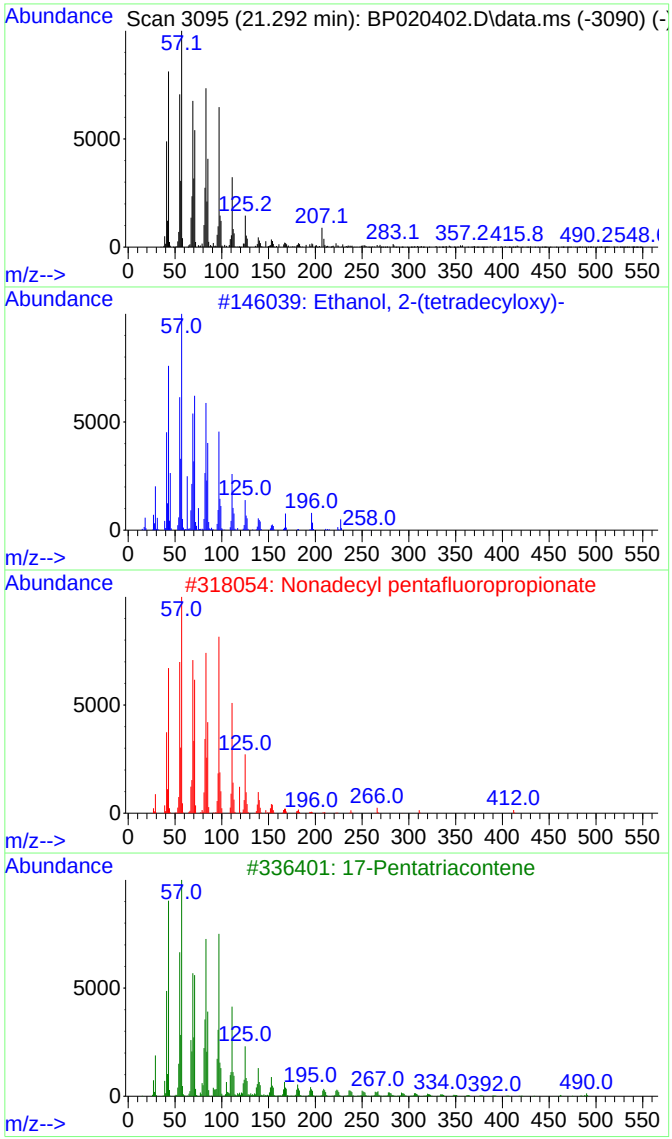
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

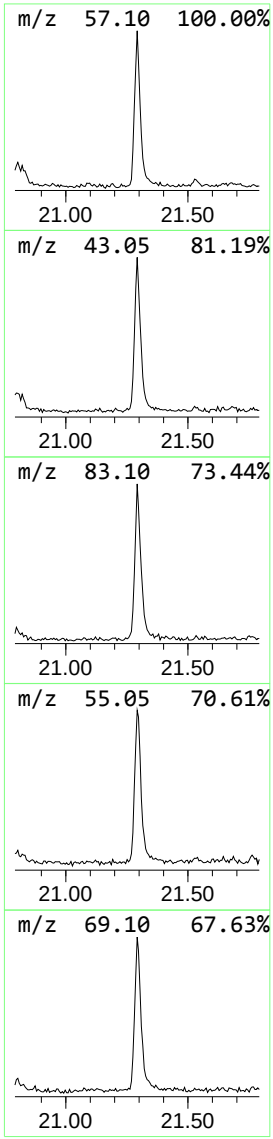
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	3.27 ng/ul	349232	Chrysene-d12	21.609

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	1-Heptadecene	238	C17H34	006765-39-5	89
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051424\
Data File : BP020402.D
Acq On : 15 May 2024 16:14
Operator : MA/JU
Sample : P2372-22
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43Y0

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
R-(-)-1,2-propa...	3.463	2.5	ng/ul	81319	1	7.587	658094	20.0
unknown-01	14.492	9.0	ng/ul	662577	3	14.269	1468720	20.0
n-Hexadecanoic ...	18.092	9.0	ng/ul	861827	4	17.116	1918450	20.0
Octadecanoic acid	19.433	4.9	ng/ul	526757	5	21.609	2135540	20.0
Ethanol, 2-(tet...	21.292	3.3	ng/ul	349232	5	21.609	2135540	20.0