LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CJ9

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: BP021066.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	47	rVB	42208	52650	1.05%	0.096%
2	3.517	86	90	100	rBV	105042	161923	3.24%	0.295%
3	3.646	109	112	125	rBV	474063	735224	14.71%	1.341%
4	3.952	161	164	170	rVB3	11876	19697	0.39%	0.036%
5	4.175	199	202	211	rVB2	17961	24975	0.50%	0.046%
6	4.381	235	237	242	rVB4	6644	9356	0.19%	0.017%
7	4.575	267	270	276	rVB4	7263	9930	0.20%	0.018%
8	4.840	311	315	321	rBV	14085	23758	0.48%	0.043%
9	4.964	333	336	339	rBV5	3929	5831	0.12%	0.011%
10	6.799	639	648	655	rBV3	11704	34214	0.68%	0.062%
11	6.899	655	665	681	rBV	723295	1188560	23.78%	2.168%
12	7.034	681	688	697	rVV	539578	847418	16.95%	1.546%
13	7.234	716	722	731	rBV	760051	1203192	24.07%	2.194%
14	7.316	732	736	749	rVB2	22324	57065	1.14%	0.104%
15	7.687	790	799	806	rBV	698945	1094507	21.90%	1.996%
16	8.405	913	921	943	rBV2	799984	1506150	30.13%	2.747%
17	8.828	986	993	1012	rBV	603091	1132803	22.66%	2.066%
18	8.975	1014	1018	1025	rVB8	9680	17691	0.35%	0.032%
19	9.181	1048	1053	1058	rVB3	8117	13041	0.26%	0.024%
20	9.387	1081	1088	1093	rBV4	14196	27359	0.55%	0.050%
21	9.546	1107	1115	1129	rBV	588187	988893	19.78%	1.804%
22	9.816	1155	1161	1162	rBV6	5767	9901	0.20%	0.018%
23	9.863	1165	1169	1176	rVB10	6176	14209	0.28%	0.026%
24	10.087	1200	1207	1227	rBV	749981	1490278	29.81%	2.718%
25	10.446	1260	1268	1280	rBV	837136	1553309	31.07%	2.833%
26	10.599	1286	1294	1307	rBV	626491	1321464	26.44%	2.410%
27	10.993	1354	1361	1365	rBV5	13107	24303	0.49%	0.044%
28	11.193	1389	1395	1403	rBV	72106	161675	3.23%	0.295%
29	12.040	1533	1539	1545	rBV2	13284	22660	0.45%	0.041%
30	12.251	1569	1575	1581	rBV2	4716	13646	0.27%	0.025%
31	12.645	1639	1642	1645	rVB5	4012	5480	0.11%	0.010%
32	12.904	1679	1686	1690	rBV7	5321	11170	0.22%	0.020%
33	13.269	1741	1748	1754	rBV7	8160	20846	0.42%	0.038%
34	13.363	1759	1764	1769	rVV9	3197	6267	0.13%	0.011%
35	13.487	1780	1785	1791	rBV8	3330	7572	0.15%	0.014%
36	13.716	1814	1824	1836	rBV	1494445	2035607	40.72%	3.713%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

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	14.010	1860	1874	1888	rBV	1903070	2693580	53.88%	4.913%
38	14.322	1918	1927	1935	rBV	1382560	2087429	41.76%	3.807%
39	14.534	1955	1963	1968	rBV3	75302	181496	3.63%	0.331%
40	14.592	1968	1973	1978	rBV	409716	711905	14.24%	1.298%
41	15.116	2057	2062	2066	rBV4	8678	15030	0.30%	0.027%
42	15.169	2066	2071	2075	rVV7	7355	14590	0.29%	0.027%
43	15.328	2091	2098	2105	rBV	2264145	3215893	64.33%	5.865%
44	15.481	2118	2124	2137	rBV	523859	888942	17.78%	1.621%
45	15.898	2191	2195	2201	rBV8	9091	18720	0.37%	0.034%
46	16.051	2217	2221	2230	rVB6	9921	21744	0.43%	0.040%
47	16.116	2230	2232	2237	rBV6	3832	5340	0.11%	0.010%
48	16.222	2246	2250	2253	rBV6	9904	17075	0.34%	0.031%
49	16.281	2258	2260	2264	rVB5	7909	10924	0.22%	0.020%
50	16.522	2296	2301	2311	rBV6	28693	73566	1.47%	0.134%
51	17.033	2378	2388	2395	rBV6	23709	77797	1.56%	0.142%
52	17.122	2395	2403	2415	rVV	1669315	2745169	54.92%	5.007%
53	17.233	2415	2422	2432	rVB2	2128165	3460897	69.23%	6.312%
54	17.316	2432	2436	2439	rBV6	17922	25404	0.51%	0.046%
55	17.451	2457	2459	2462	rBV4	13269	12588	0.25%	0.023%
56	17.751	2504	2510	2514	rBV	32083	66968	1.34%	0.122%
57	17.816	2517	2521	2525	rBV2	47772	76595	1.53%	0.140%
58	17.916	2534	2538	2544	rBV9	28407	53407	1.07%	0.097%
59	18.063	2557	2563	2572	rBV	672415	1025780	20.52%	1.871%
60	18.228	2587	2591	2598	rVB3	44185	68672	1.37%	0.125%
61	18.416	2619	2623	2627	rBV4	33170	54057	1.08%	0.099%
62	19.080	2733	2736	2740	rBV3	45686	55377	1.11%	0.101%
63	19.122	2740	2743	2746	rBV4	36278	40109	0.80%	0.073%
64	19.233	2760	2762	2764	rBV3	43631	50532	1.01%	0.092%
65	19.263	2764	2767	2774	rVB	88807	150664	3.01%	0.275%
66	19.386	2783	2788	2799	rVB3	206279	413835	8.28%	0.755%
67	19.616	2821	2827	2837	rBV	3128725	4852877	97.08%	8.851%
68	20.169	2917	2921	2927	rBV2	102140	248475	4.97%	0.453%
69	20.651	2999	3003	3007	rVB	208726	263933	5.28%	0.481%
70	21.227	3097	3101	3108	rBV	881461	1374893	27.50%	2.508%
71	21.569	3154	3159	3175	rVB	2200186	3747829	74.97%	6.836%
72	22.451	3305	3309	3318	rVB2	508103	1084988	21.71%	1.979%
73	24.662	3675	3685	3694	rVB	1762697	4998772	100.00%	9.117%
74	24.886	3714	3723	3737	rVB	1398590	4069487	81.41%	7.422%

Sum of corrected areas: 54827963

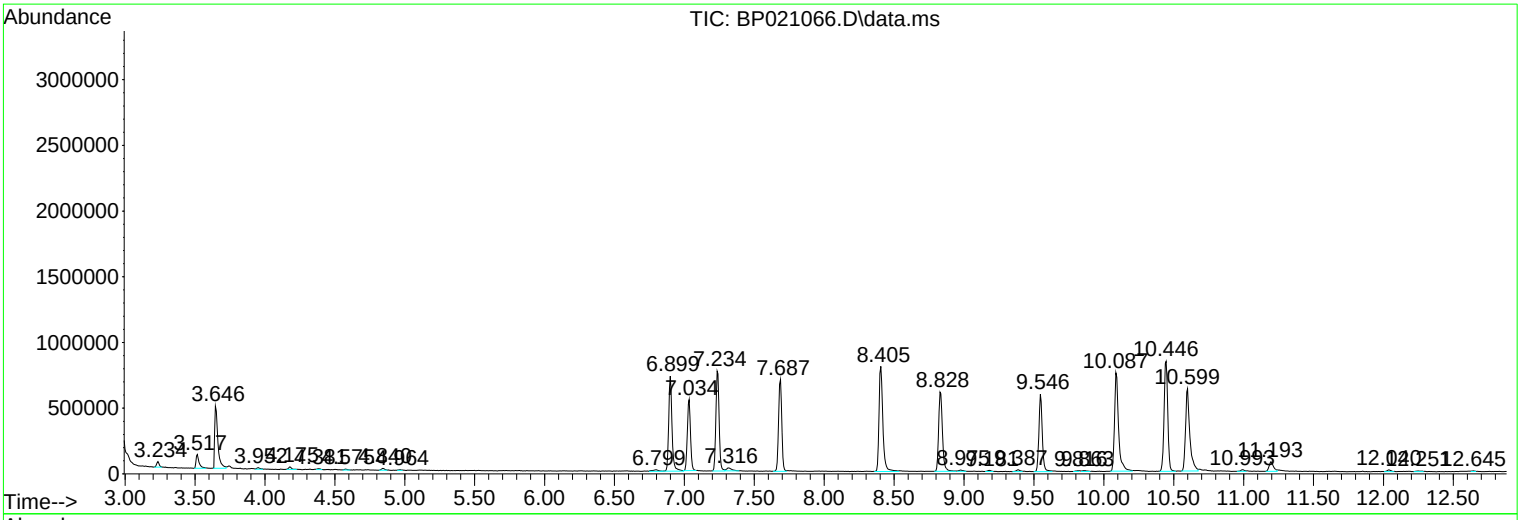
Instrument :
BNA_P
ClientSampleId :
A4CJ9

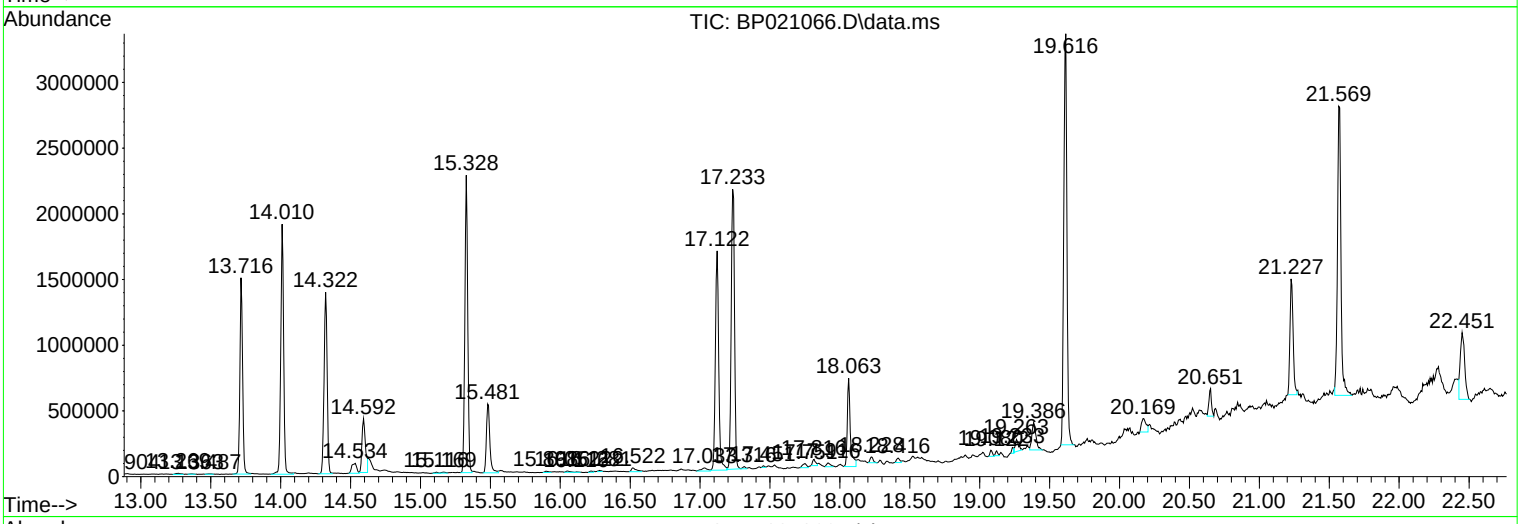
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

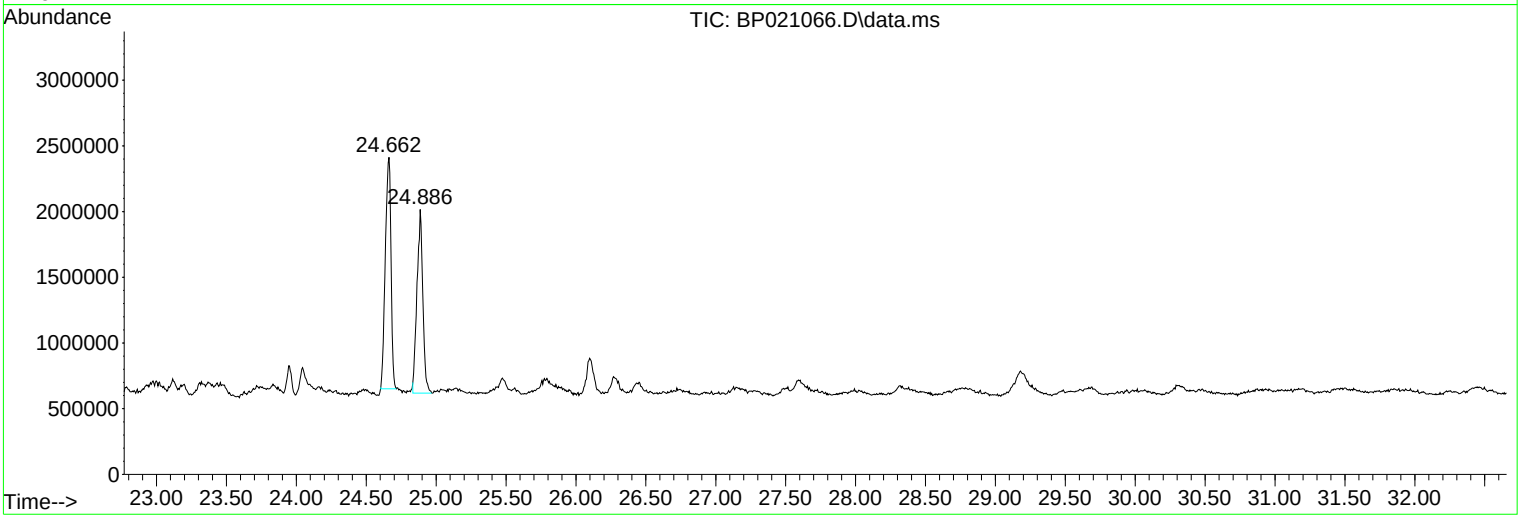
Instrument :
BNA_P
ClientSampleId :
A4CJ9

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 : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

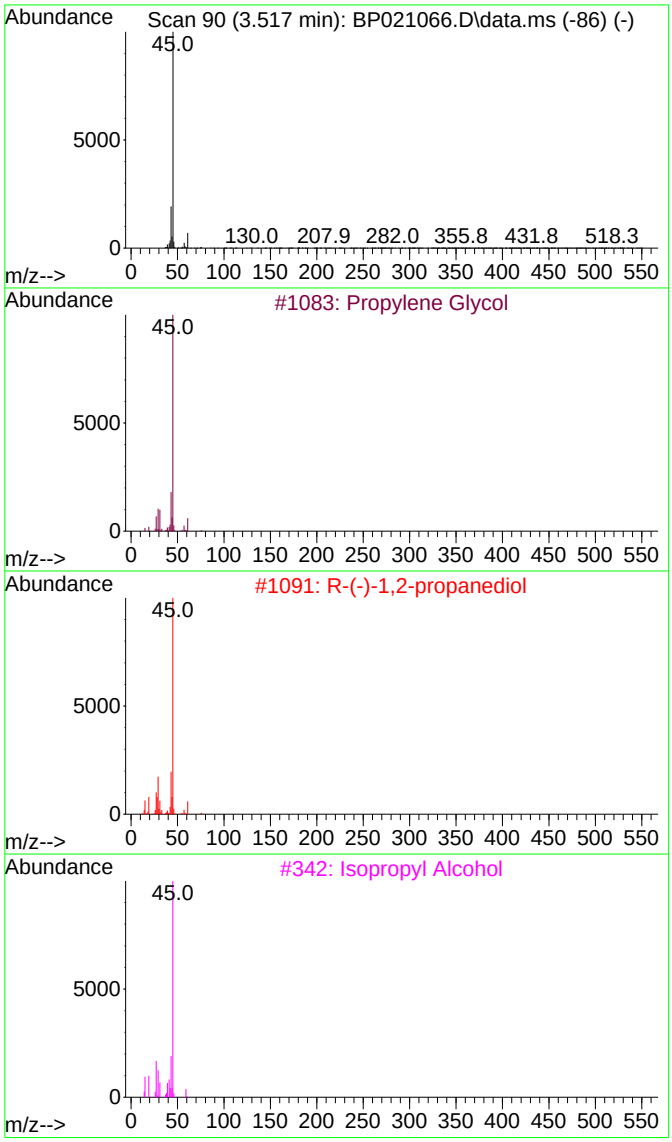
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

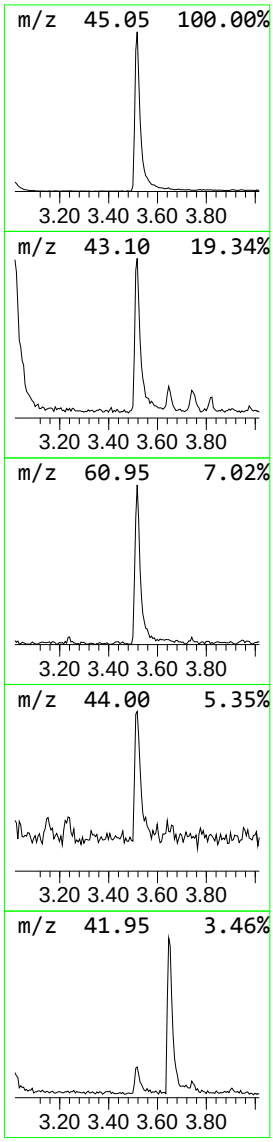
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.517	2.96 ng/ul	161923	1,4-Dichlorobenzene-d4	7.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

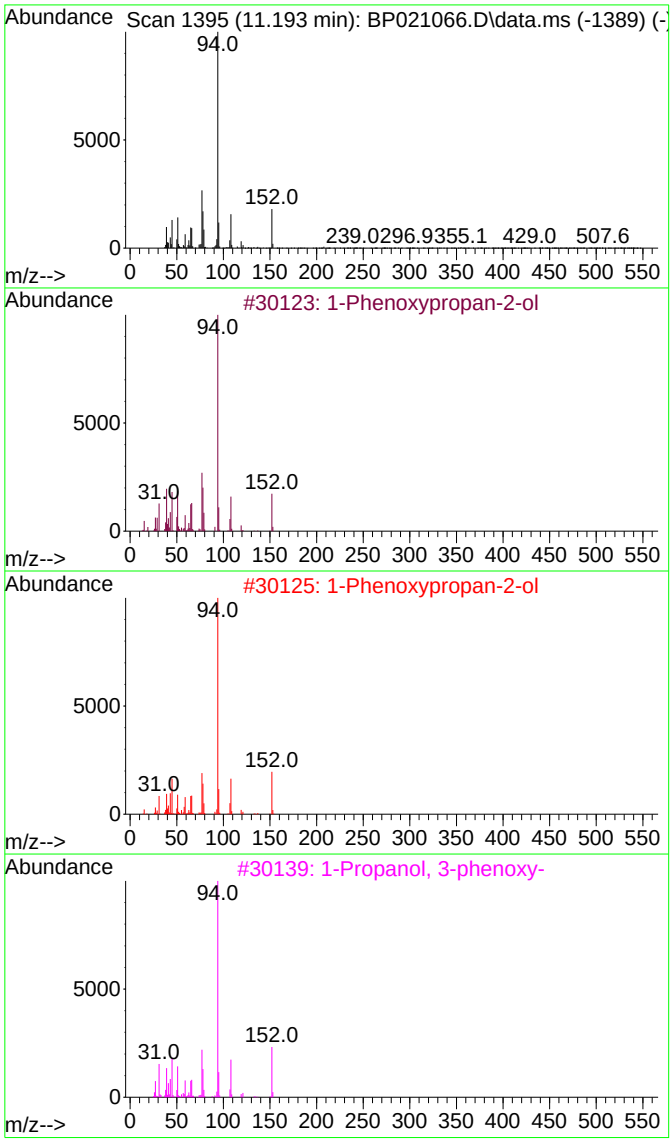
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

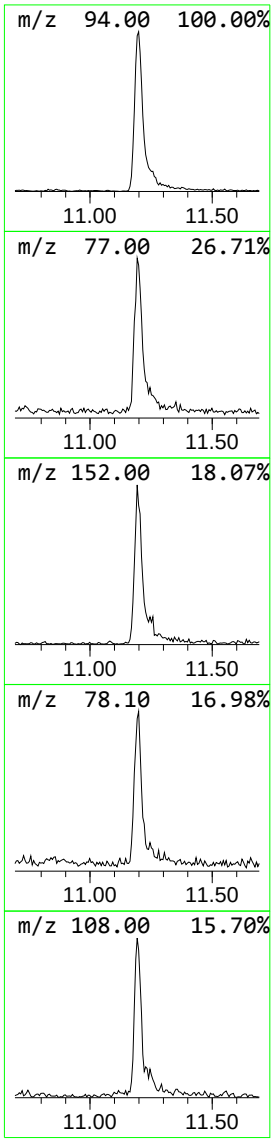
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.193	2.08 ng/ul	161675	Naphthalene-d8	10.446

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	90
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
3	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	80
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

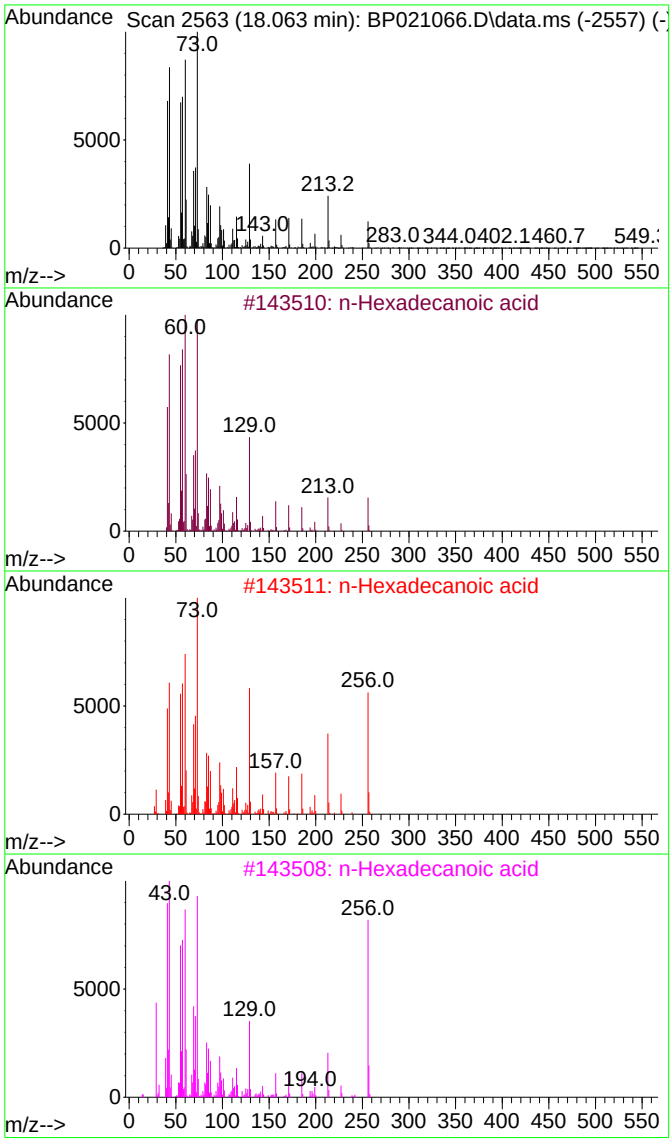
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

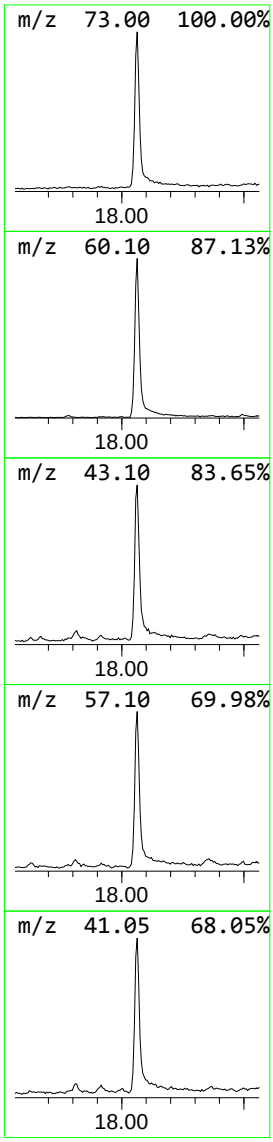
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	7.47 ng/ul	1025780	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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

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

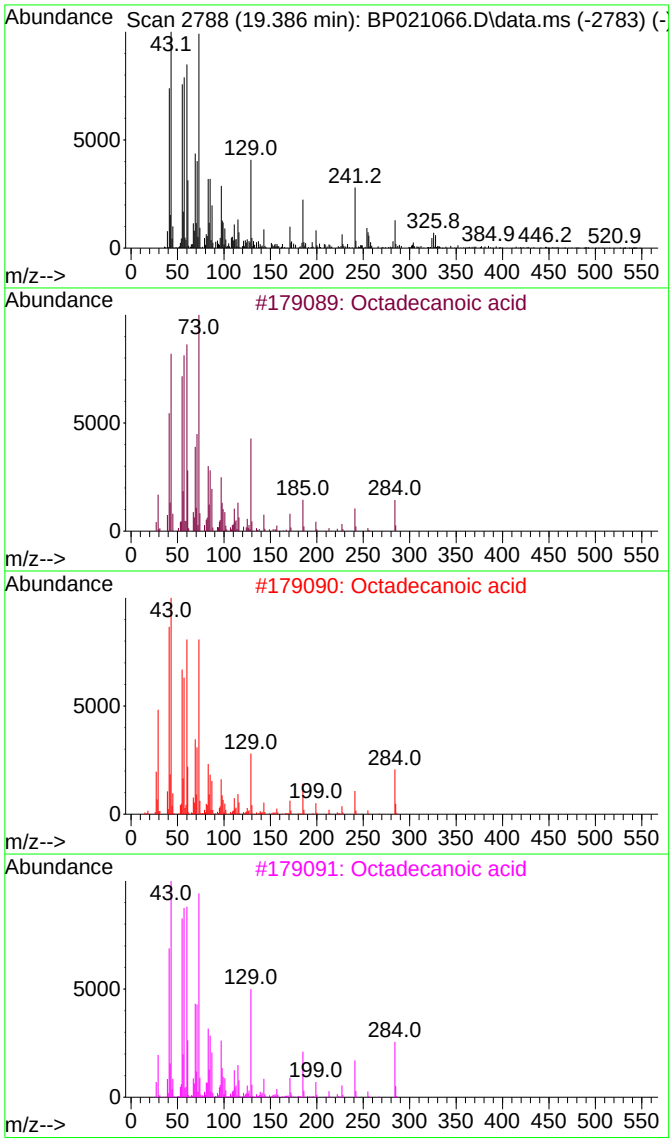
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

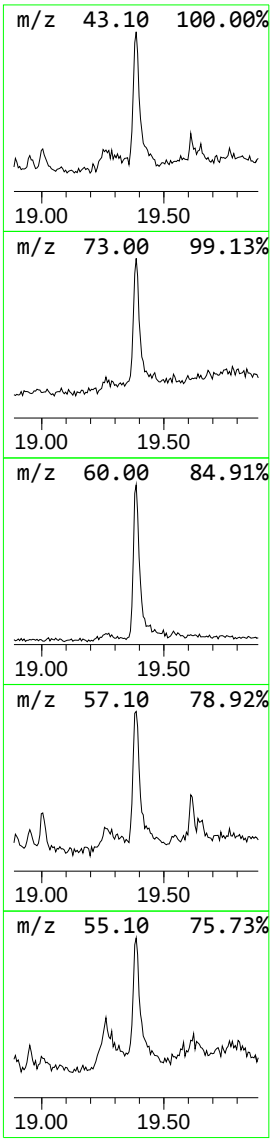
****

Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	2.21 ng/ul	413835	Chrysene-d12	21.574

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	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

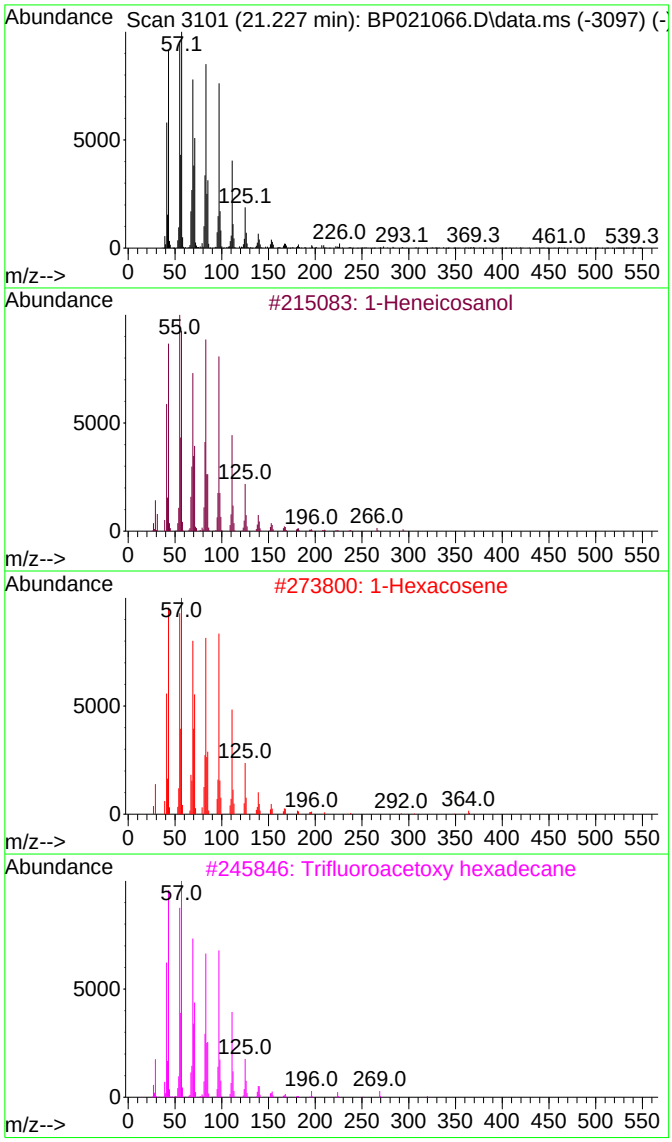
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

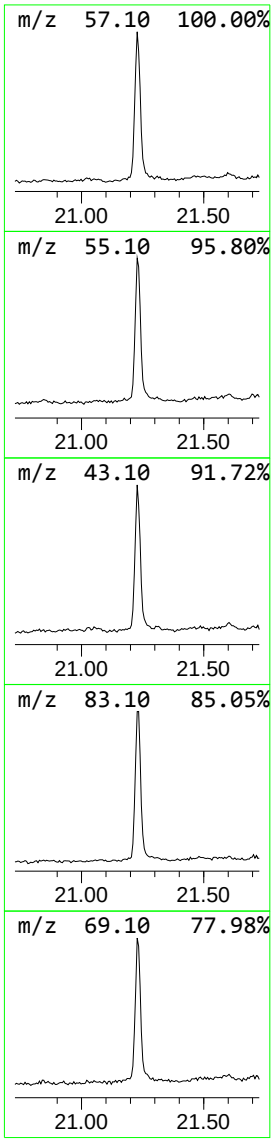
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	7.34 ng/ul	1374890	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
4	Heptacos-1-ene	378	C27H54	015306-27-1	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

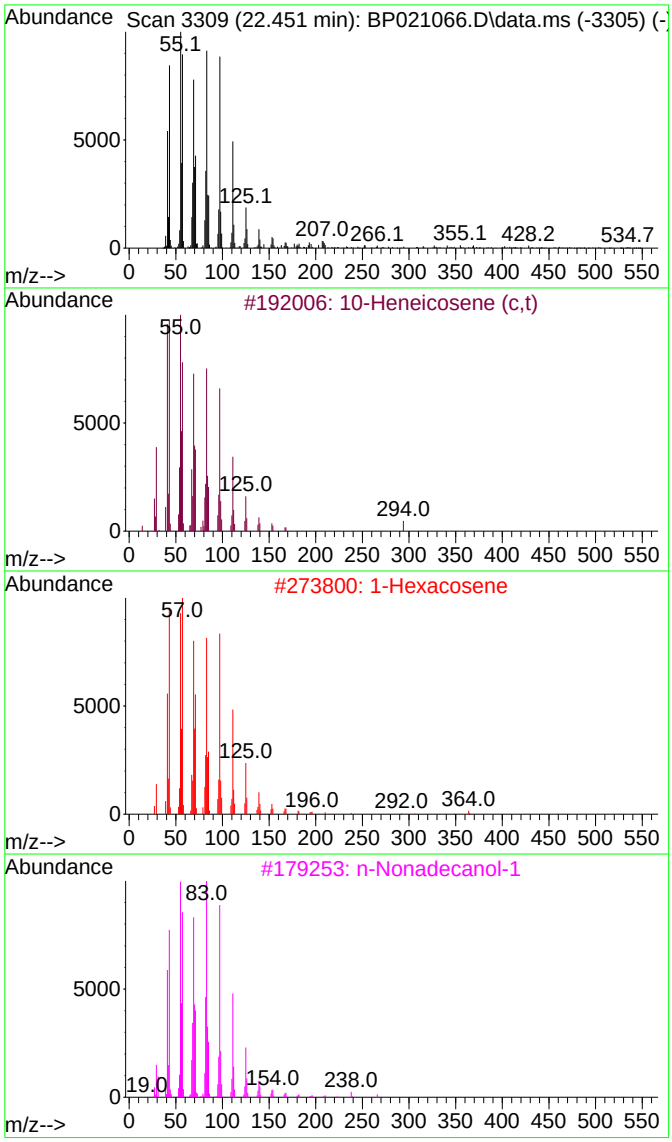
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

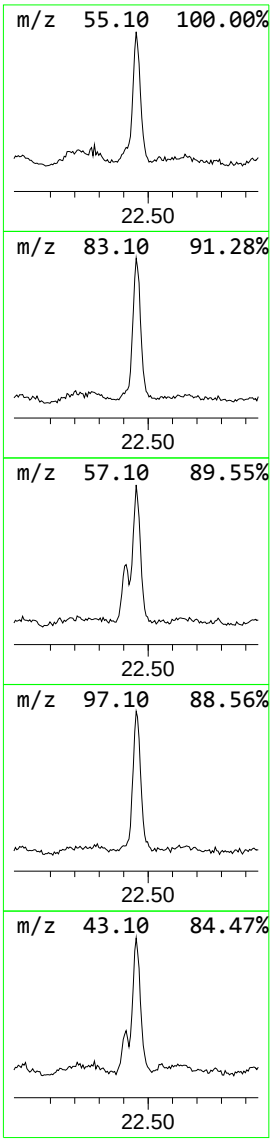
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.451	5.79 ng/ul	1084990	Chrysene-d12	21.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	9-Nonadecene	266	C19H38	031035-07-1	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021066.D
Acq On : 19 Jul 2024 05:45
Operator : MA/JU
Sample : P3201-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CJ9

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	3.517	3.0	ng/ul	161923	1	7.687	1094510	20.0
1-Phenoxypropan...	11.193	2.1	ng/ul	161675	2	10.446	1553310	20.0
n-Hexadecanoic ...	18.063	7.5	ng/ul	1025780	4	17.122	2745170	20.0
Octadecanoic acid	19.386	2.2	ng/ul	413835	5	21.574	3747830	20.0
1-Heneicosanol	21.227	7.3	ng/ul	1374890	5	21.574	3747830	20.0
(DEL) Alkane: S...	22.451	5.8	ng/ul	1084990	5	21.574	3747830	20.0