LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

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-BP120123.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019023.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	25	28	33	rVB	37482	46059	0.77%	0.084%
2	3.534	72	76	87	rBV	133154	182763	3.07%	0.332%
3	3.675	96	100	113	rBV	223525	319039	5.36%	0.580%
4	3.893	135	137	144	rVB7	5783	9350	0.16%	0.017%
5	3.993	151	154	161	rVB	15775	21407	0.36%	0.039%
6	4.922	307	312	321	rVB4	5389	11270	0.19%	0.021%
7	5.910	476	480	486	rVB	7806	12354	0.21%	0.022%
8	6.834	631	637	640	rBV6	4304	7447	0.13%	0.014%
9	6.999	657	665	674	rBV	645986	1024271	17.19%	1.863%
10	7.157	685	692	702	rVB	503755	757573	12.72%	1.378%
11	7.352	717	725	734	rBV	643660	994031	16.69%	1.808%
12	7.434	734	739	748	rBV	22041	41562	0.70%	0.076%
13	7.816	796	804	813	rBV	474363	758317	12.73%	1.380%
14	7.899	813	818	826	rVB3	15876	27104	0.45%	0.049%
15	8.534	919	926	940	rBV	777458	1253213	21.04%	2.280%
16	8.981	994	1002	1009	rBV	610778	976662	16.39%	1.777%
17	9.110	1019	1024	1027	rBV7	4397	7867	0.13%	0.014%
18	9.151	1027	1031	1040	rVB7	6696	12346	0.21%	0.022%
19	9.393	1065	1072	1077	rVB7	4992	8597	0.14%	0.016%
20	9.551	1091	1099	1106	rBV	54309	81090	1.36%	0.148%
21	9.698	1116	1124	1133	rBV	513225	851297	14.29%	1.549%
22	10.240	1208	1216	1236	rBV	855249	1482784	24.89%	2.698%
23	10.616	1272	1280	1289	rBV	623859	1046453	17.57%	1.904%
24	10.757	1297	1304	1326	rBV	638106	1189279	19.96%	2.164%
25	11.169	1364	1374	1387	rBV4	31474	92291	1.55%	0.168%
26	11.363	1401	1407	1418	rBV	78989	161527	2.71%	0.294%
27	12.040	1517	1522	1526	rVB4	8080	11610	0.19%	0.021%
28	12.204	1540	1550	1555	rVB	16330	30782	0.52%	0.056%
29	13.098	1696	1702	1705	rVB7	3125	6460	0.11%	0.012%
30	13.281	1723	1733	1740	rBV	16623	28406	0.48%	0.052%
31	13.357	1742	1746	1750	rBV2	16002	25417	0.43%	0.046%
32	13.869	1825	1833	1842	rBV	1641106	2329467	39.10%	4.238%
33	14.145	1868	1880	1889	rBV	1950039	2829144	47.49%	5.147%
34	14.328	1906	1911	1919	rVB10	8332	21339	0.36%	0.039%
35	14.451	1923	1932	1942	rBV	1000165	1519892	25.51%	2.765%
36	14.669	1963	1969	1986	rBV	745570	1324369	22.23%	2.409%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

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-BP120123.MA.M
Title : SVOA CALIBRATION

37	14.828	1990	1996	1999	rVV5	10244	21764	0.37%	0.040%
38	14.875	2000	2004	2012	rVB2	27541	41935	0.70%	0.076%
39	15.257	2064	2069	2071	rBV6	3745	6227	0.10%	0.011%
40	15.451	2094	2102	2114	rBV	2503184	3691818	61.97%	6.716%
41	15.575	2117	2123	2133	rVV	833791	1135421	19.06%	2.066%
42	15.686	2137	2142	2149	rVB4	13965	25016	0.42%	0.046%
43	16.010	2193	2197	2204	rBV9	5647	10604	0.18%	0.019%
44	16.169	2220	2224	2228	rBV6	5897	8639	0.15%	0.016%
45	16.233	2231	2235	2240	rVB5	12235	17789	0.30%	0.032%
46	16.398	2259	2263	2268	rBV7	9294	12258	0.21%	0.022%
47	16.610	2294	2299	2304	rBV3	30628	45188	0.76%	0.082%
48	16.745	2319	2322	2327	rBV6	7094	9791	0.16%	0.018%
49	16.963	2356	2359	2362	rBV3	8935	12411	0.21%	0.023%
50	17.086	2375	2380	2381	rBV5	4399	6479	0.11%	0.012%
51	17.204	2393	2400	2406	rBV	1429977	1955020	32.82%	3.557%
52	17.251	2406	2408	2411	rVV3	12465	13716	0.23%	0.025%
53	17.304	2411	2417	2427	rVV	2977349	4043108	67.87%	7.355%
54	17.380	2427	2430	2435	rVB6	12278	18034	0.30%	0.033%
55	17.498	2448	2450	2455	rVB4	4711	6062	0.10%	0.011%
56	17.563	2457	2461	2464	rBV5	17364	28167	0.47%	0.051%
57	17.710	2483	2486	2488	rBV3	7569	7698	0.13%	0.014%
58	17.880	2511	2515	2520	rVB	45462	53221	0.89%	0.097%
59	17.975	2529	2531	2536	rVB6	11446	14342	0.24%	0.026%
60	18.045	2539	2543	2547	rBV7	7344	11202	0.19%	0.020%
61	18.104	2547	2553	2567	rBV	1049841	1543545	25.91%	2.808%
62	18.380	2597	2600	2603	rBV5	14232	21190	0.36%	0.039%
63	18.416	2603	2606	2614	rVB3	34693	55508	0.93%	0.101%
64	18.510	2619	2622	2625	rVV4	18230	19419	0.33%	0.035%
65	18.739	2658	2661	2667	rBV6	15902	26314	0.44%	0.048%
66	18.933	2690	2694	2700	rBV5	35493	65811	1.10%	0.120%
67	19.122	2722	2726	2729	rBV3	41606	51646	0.87%	0.094%
68	19.192	2733	2738	2740	rBV2	94000	134610	2.26%	0.245%
69	19.216	2740	2742	2750	rVB2	87709	116042	1.95%	0.211%
70	19.333	2758	2762	2774	rBV	490616	696037	11.68%	1.266%
71	19.545	2792	2798	2804	rBV	4037683	5317251	89.25%	9.673%
72	20.051	2880	2884	2886	rBV3	71358	105217	1.77%	0.191%
73	20.557	2967	2970	2973	rVB3	72924	83268	1.40%	0.151%
74	21.016	3043	3048	3056	rBV	912188	1326809	22.27%	2.414%
75	21.298	3091	3096	3104	rBV	1966059	2519881	42.30%	4.584%
76	21.921	3195	3202	3212	rBV	937069	1819801	30.55%	3.311%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

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-BP120123.MA.M
Title : SVOA CALIBRATION

77	22.927	3369	3373	3379	rBV	425036	647699	10.87%	1.178%
78	22.992	3380	3384	3394	rVB	232071	455304	7.64%	0.828%
79	23.504	3464	3471	3484	rVB2	2967006	5957413	100.00%	10.838%
80	23.657	3491	3497	3505	rVB	1292648	2594151	43.54%	4.719%
81	24.368	3613	3618	3630	rVB2	288602	712486	11.96%	1.296%

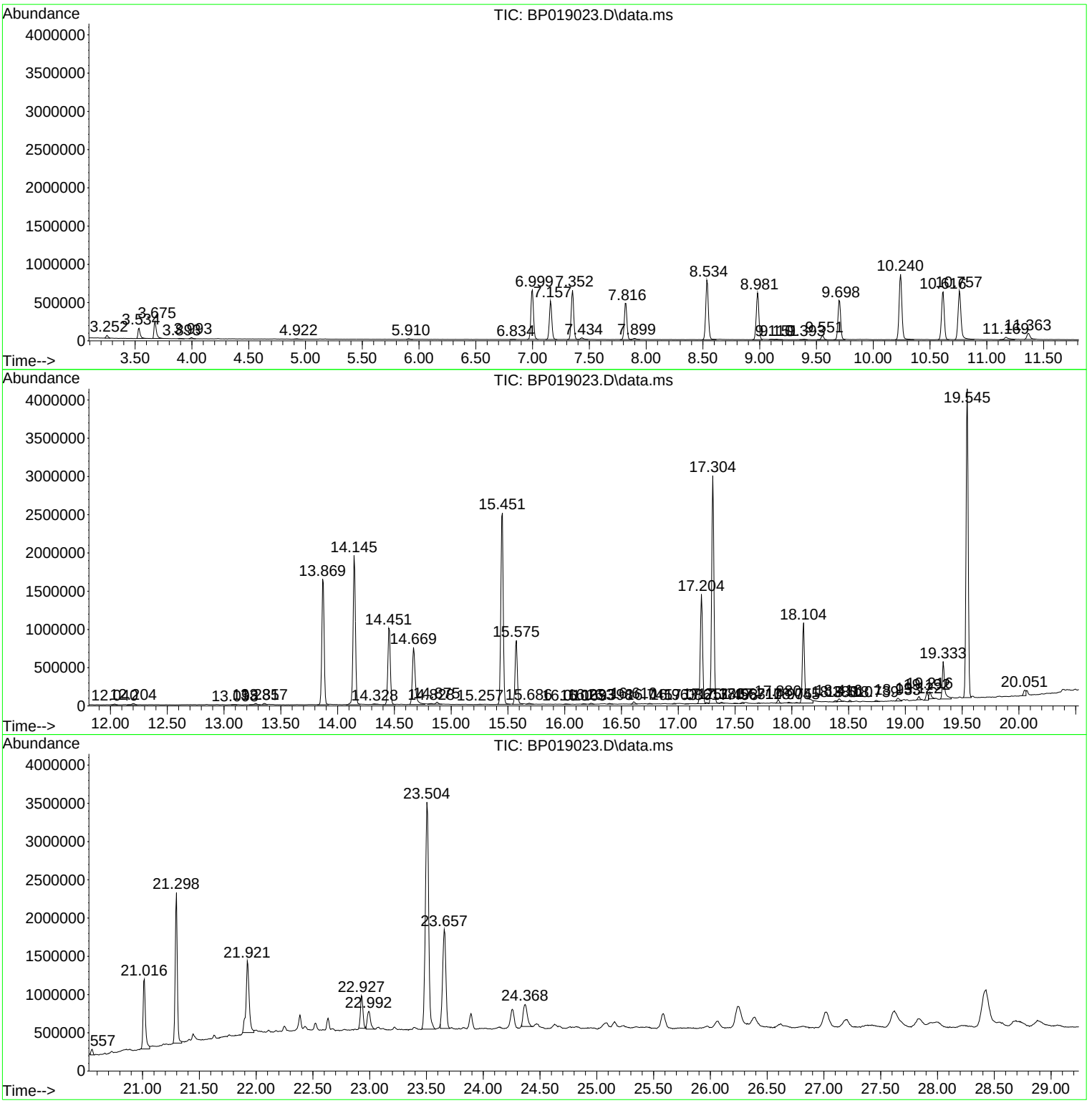
Sum of corrected areas: 54968151

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

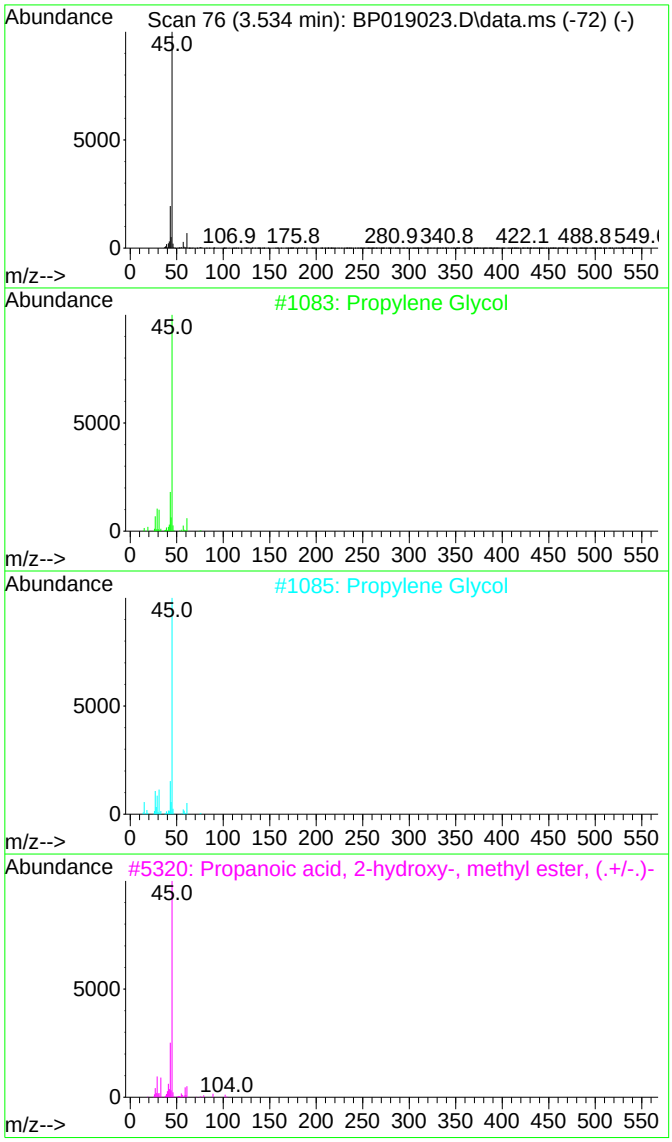
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

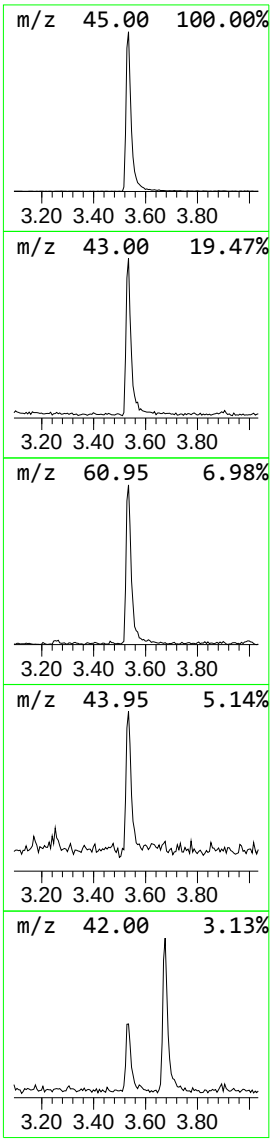
****

Peak Number 1 Propylene Glycol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.534	4.82 ng/ul	182763	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	Propylene Glycol	76	C3H8O2	000057-55-6	56
3	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	40
4	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	12
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

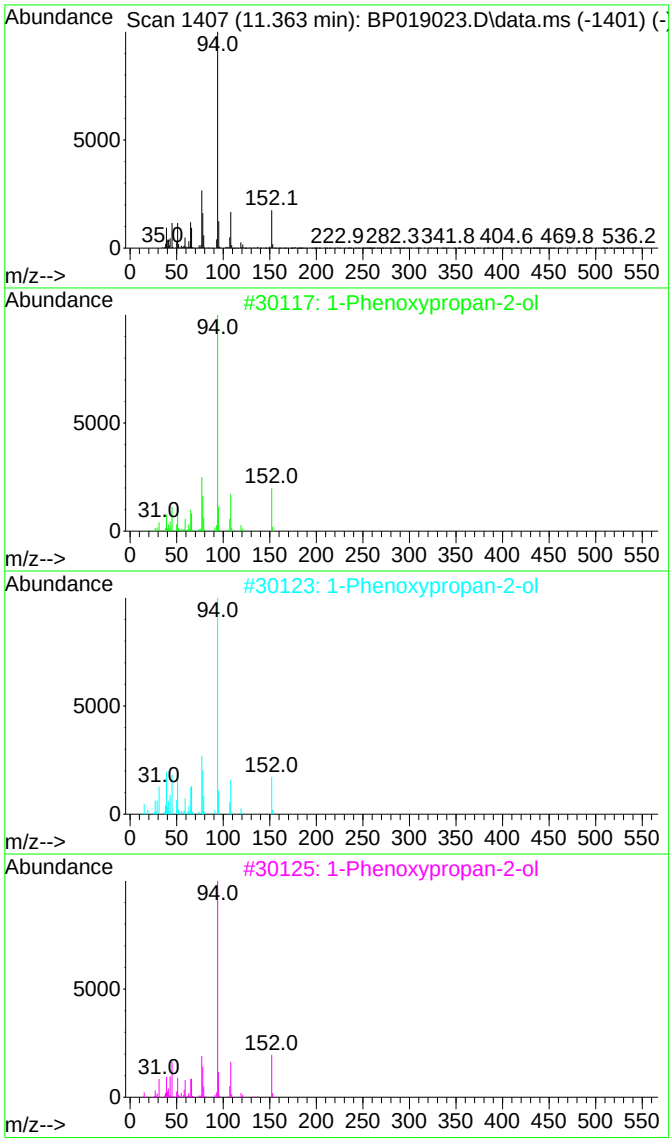
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

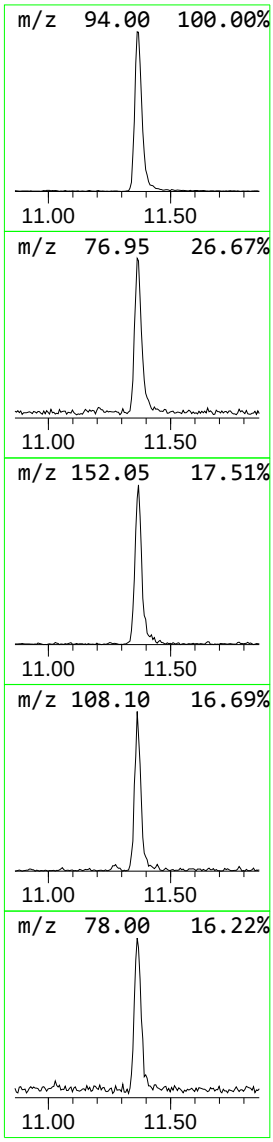
****

Peak Number 2 1-Phenoxypropan-2-ol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.363	3.09 ng/ul	161527	Naphthalene-d8	10.616

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	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87
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\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

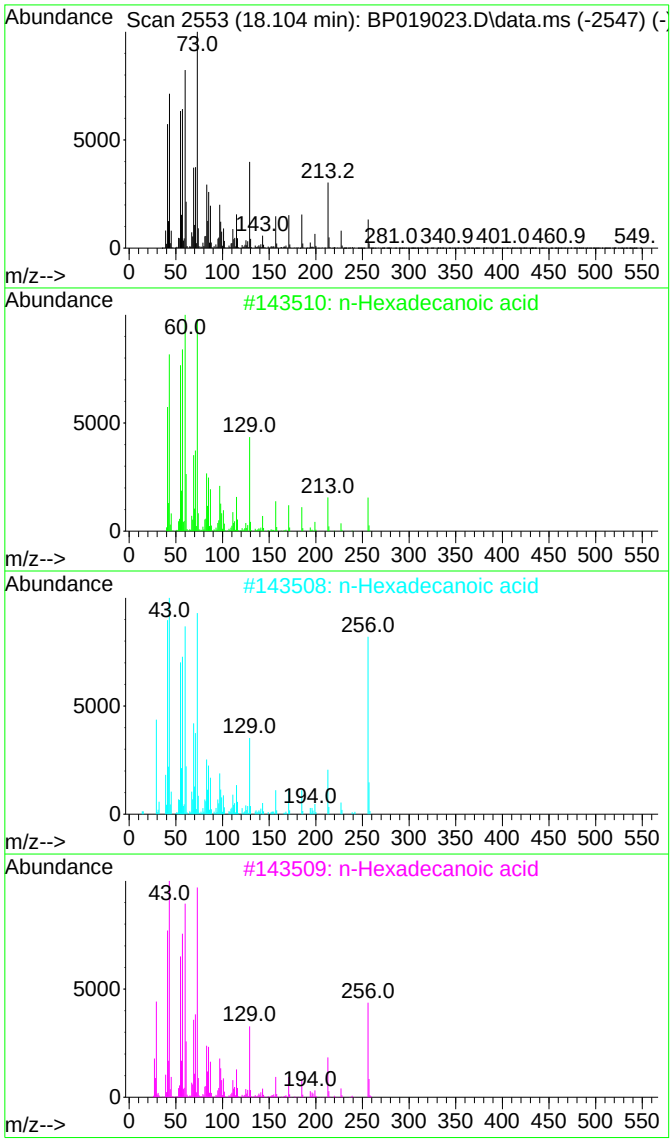
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

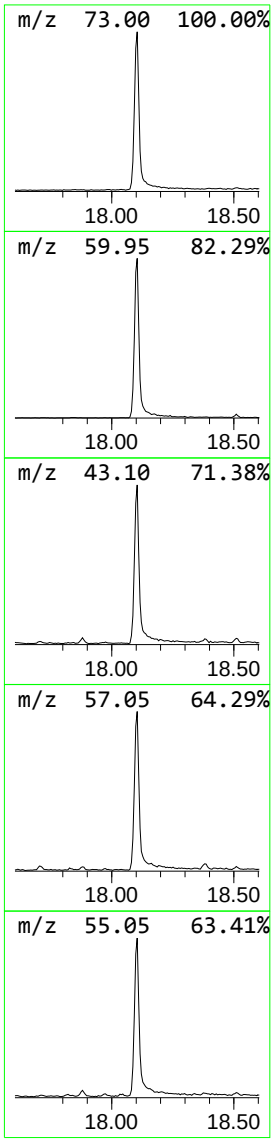
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.104	15.79 ng/ul	1543550	Phenanthrene-d10	17.204

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	97
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
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Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

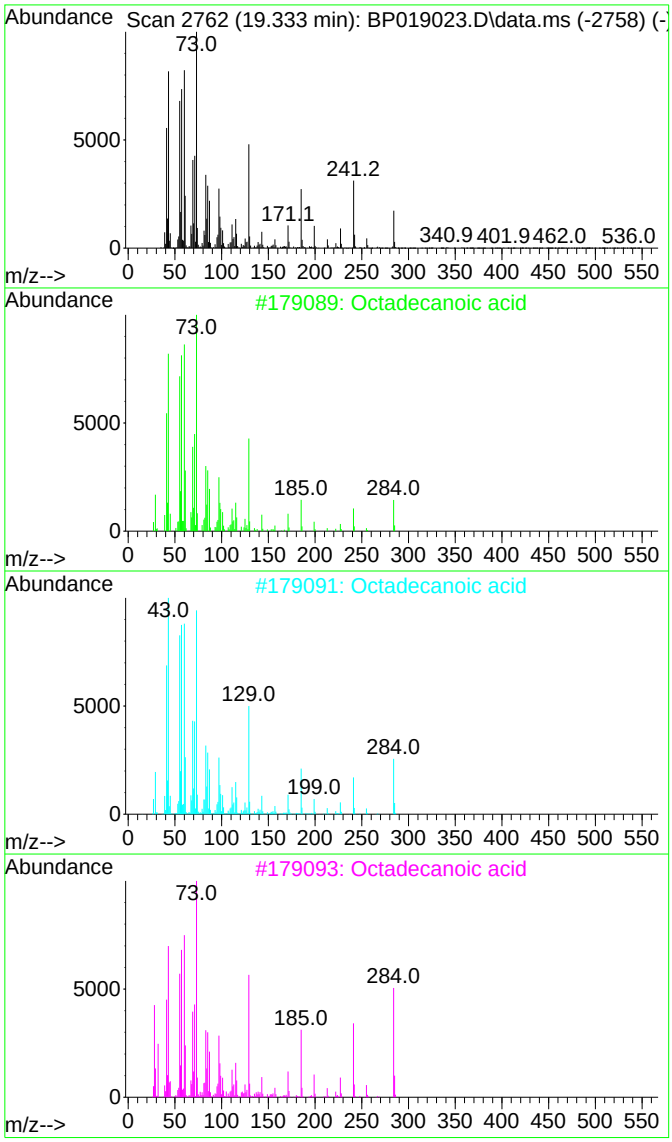
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

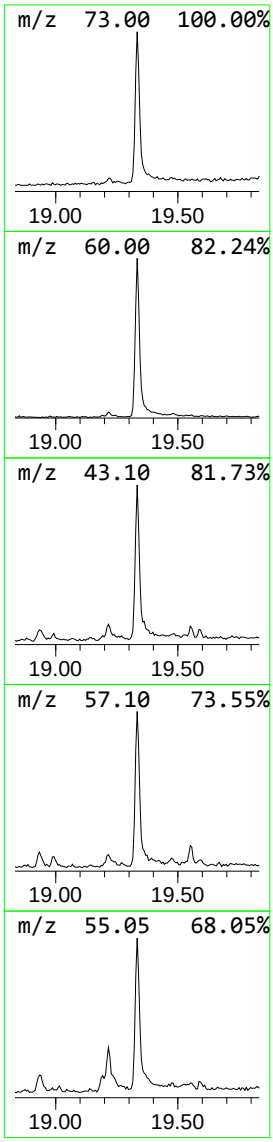
****

Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.333	5.52 ng/ul	696037	Chrysene-d12	21.298

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	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
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Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

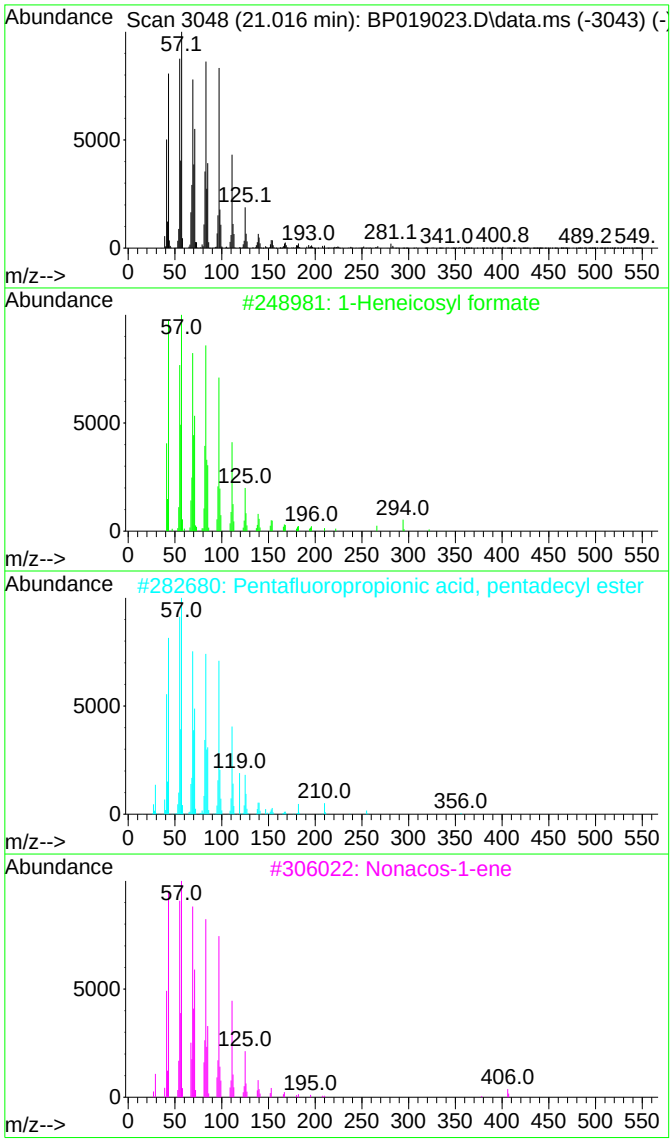
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

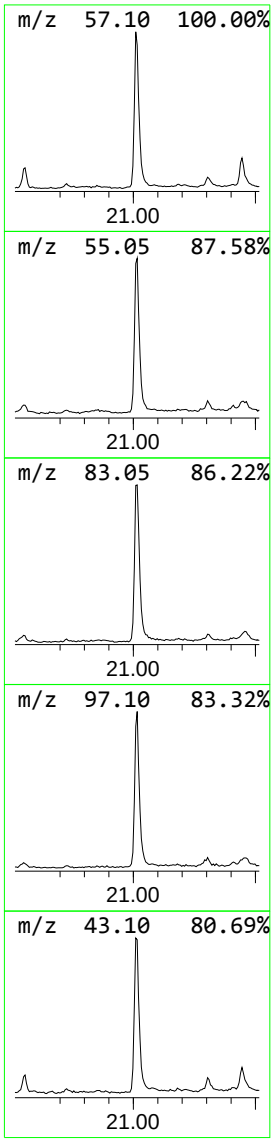
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.015	10.53 ng/ul	1326810	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	95
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Nonacos-1-ene	406	C29H58	018835-35-3	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

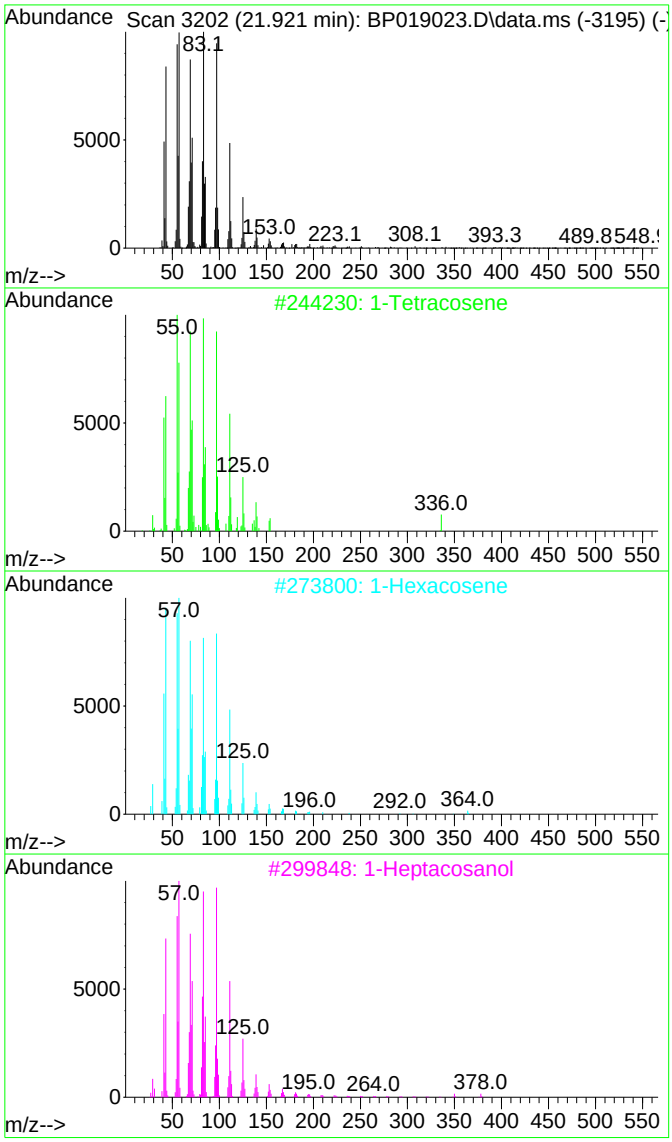
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

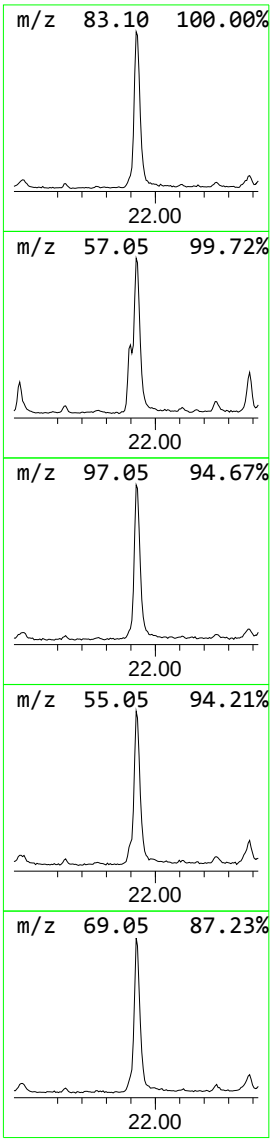
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.921	14.44 ng/ul	1819800	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	97
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	1-Tetracosene	336	C24H48	010192-32-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

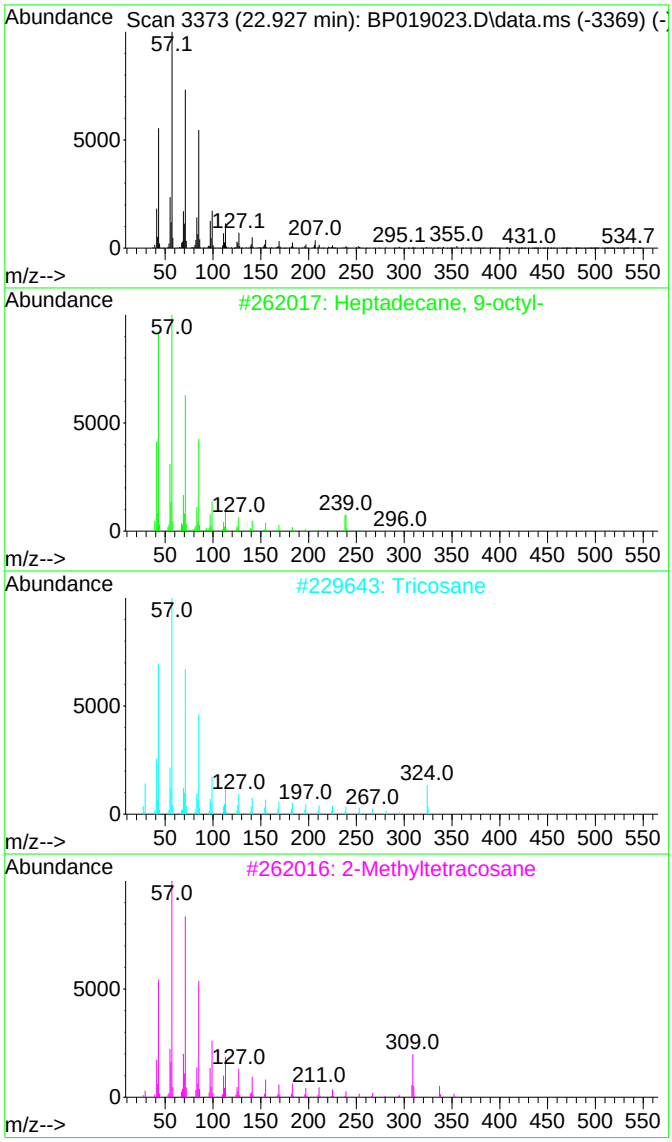
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

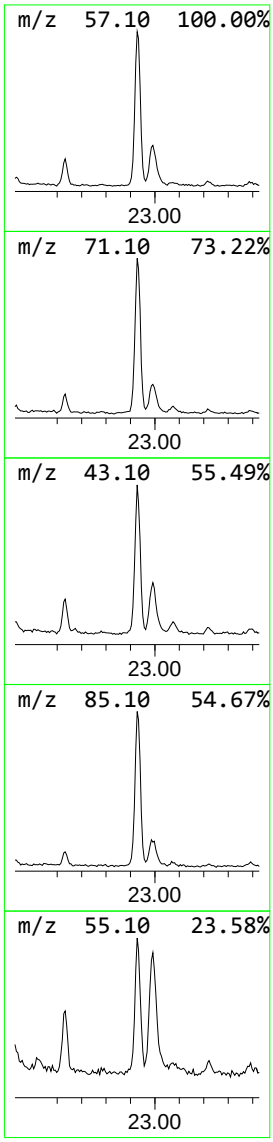
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.927	4.99 ng/ul	647699	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Tricosane	324	C23H48	000638-67-5	94
3	2-Methyltetracosane	352	C25H52	001560-78-7	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

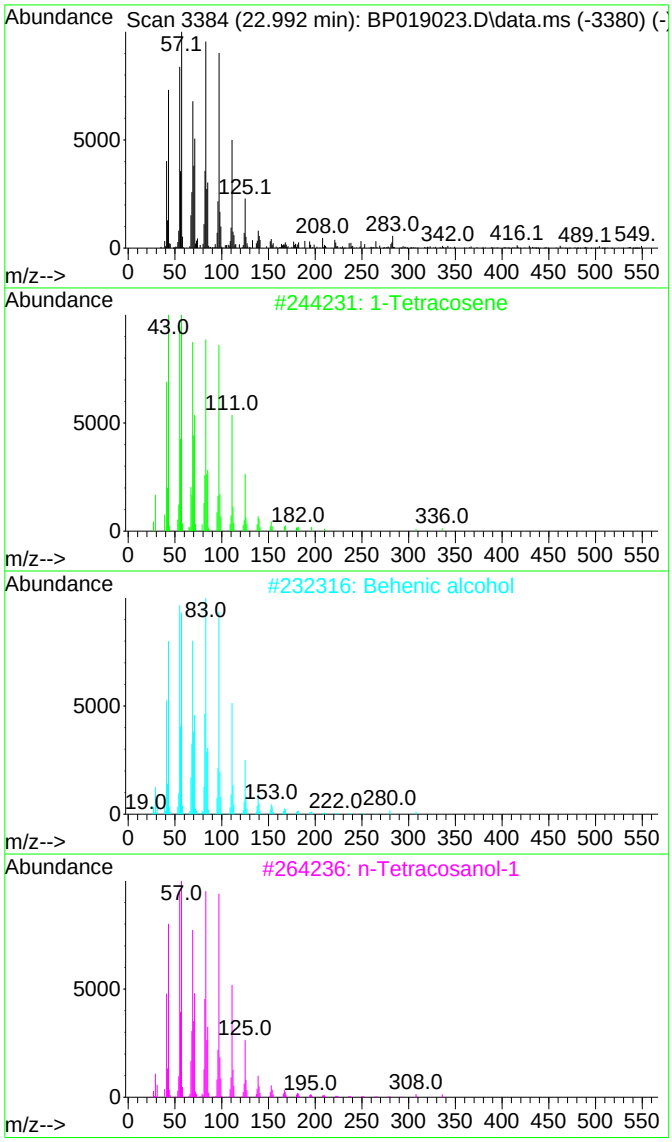
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

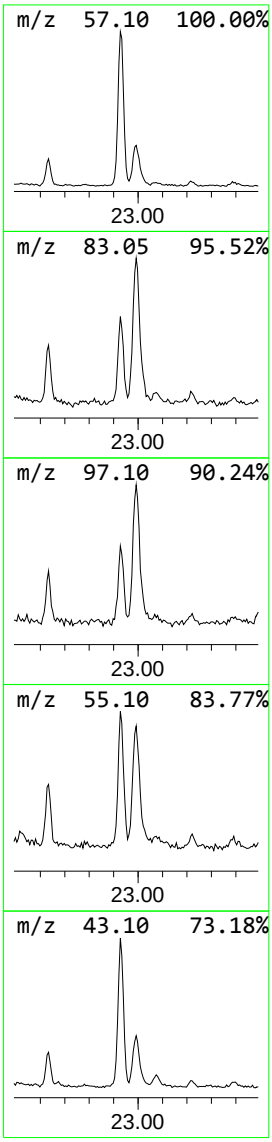
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.992	3.51 ng/ul	455304	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	96
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

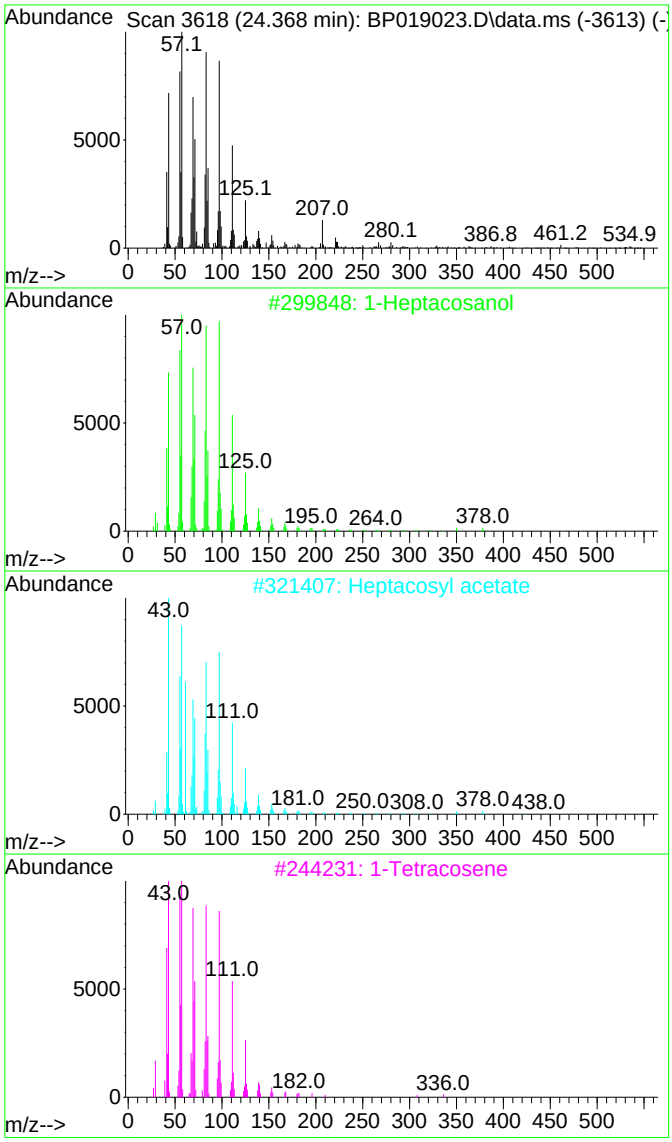
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

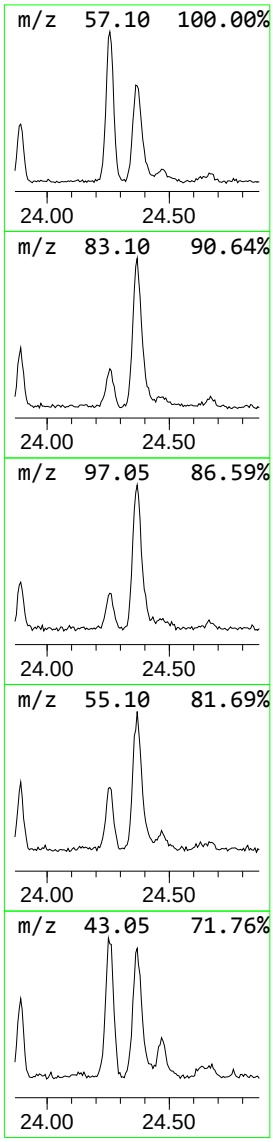
****

Peak Number 9 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.368	5.49 ng/ul	712486	Perylene-d12	23.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
3	1-Tetracosene	336	C24H48	010192-32-2	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Octacosanol	410	C28H58O	000557-61-9	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122123\
Data File : BP019023.D
Acq On : 22 Dec 2023 05:14
Operator : MA/JU
Sample : 05808-16
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B10

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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	3.534	4.8	ng/ul	182763	1	7.822	758317	20.0
1-Phenoxypropan...	11.363	3.1	ng/ul	161527	2	10.616	1046450	20.0
n-Hexadecanoic ...	18.104	15.8	ng/ul	1543550	4	17.204	1955020	20.0
Octadecanoic acid	19.333	5.5	ng/ul	696037	5	21.298	2519880	20.0
1-Heneicosyl fo...	21.015	10.5	ng/ul	1326810	5	21.298	2519880	20.0
(DEL) Alkane: S...	21.921	14.4	ng/ul	1819800	5	21.298	2519880	20.0
(DEL) Alkane: S...	22.927	5.0	ng/ul	647699	6	23.657	2594150	20.0
(DEL) Alkane: S...	22.992	3.5	ng/ul	455304	6	23.657	2594150	20.0
1-Heptacosanol	24.368	5.5	ng/ul	712486	6	23.657	2594150	20.0