LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020089.D
Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB1

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-BP041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.228	21	24	29	rVB	28143	33348	0.99%	0.082%
2	3.499	66	70	77	rBV	60257	99136	2.95%	0.245%
3	3.628	89	92	111	rVB	334624	540188	16.06%	1.333%
4	3.928	140	143	146	rBV2	6327	7277	0.22%	0.018%
5	6.687	606	612	614	rBV7	3204	5126	0.15%	0.013%
6	6.822	628	635	649	rBV	519020	963949	28.67%	2.378%
7	6.993	655	664	680	rVB	408833	677732	20.16%	1.672%
8	7.175	688	695	705	rBV	531626	891649	26.52%	2.200%
9	7.293	711	715	720	rBV4	6866	14506	0.43%	0.036%
10	7.640	766	774	788	rBV	529407	867633	25.80%	2.140%
11	8.346	886	894	910	rBV	629572	1170526	34.81%	2.888%
12	8.799	963	971	985	rBV	537169	968951	28.82%	2.390%
13	8.910	985	990	993	rVV7	5193	10408	0.31%	0.026%
14	8.946	995	996	1003	rVB7	2663	4982	0.15%	0.012%
15	9.152	1026	1031	1038	rVB2	8927	16022	0.48%	0.040%
16	9.375	1063	1069	1080	rVB3	13469	27787	0.83%	0.069%
17	9.510	1084	1092	1105	rBV	494607	875549	26.04%	2.160%
18	10.046	1175	1183	1203	rBV	642497	1268761	37.73%	3.130%
19	10.240	1210	1216	1221	rBV5	8137	17288	0.51%	0.043%
20	10.416	1237	1246	1255	rBV	746676	1297662	38.59%	3.201%
21	10.569	1264	1272	1289	rBV	621463	1193212	35.48%	2.944%
22	11.004	1342	1346	1348	rBV4	3694	4942	0.15%	0.012%
23	11.187	1370	1377	1397	rBV2	35384	104548	3.11%	0.258%
24	11.840	1483	1488	1491	rBV7	2973	4428	0.13%	0.011%
25	11.969	1501	1510	1515	rBV4	13307	29353	0.87%	0.072%
26	12.028	1515	1520	1530	rVB2	11065	23808	0.71%	0.059%
27	12.593	1613	1616	1618	rBV4	2888	4054	0.12%	0.010%
28	12.634	1620	1623	1627	rVB5	2533	4435	0.13%	0.011%
29	12.904	1664	1669	1673	rBV8	3661	6966	0.21%	0.017%
30	13.110	1701	1704	1708	rBV3	4954	7414	0.22%	0.018%
31	13.193	1711	1718	1724	rVV2	23478	41890	1.25%	0.103%
32	13.269	1724	1731	1738	rVB2	3392	7751	0.23%	0.019%
33	13.540	1773	1777	1783	rBV8	3350	5692	0.17%	0.014%
34	13.728	1799	1809	1823	rBV	1321013	1873035	55.70%	4.621%
35	13.998	1841	1855	1865	rBV2	1354862	2259940	67.21%	5.575%
36	14.210	1888	1891	1896	rVB6	2941	4379	0.13%	0.011%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AB1

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-BP041924.MA.M
Title : SVOA CALIBRATION

37	14.310	1902	1908	1918	rBV	1242459	1886794	56.11%	4.655%
38	14.563	1939	1951	1970	rBV4	369446	1352962	40.24%	3.338%
39	14.763	1980	1985	1997	rVB5	23930	50866	1.51%	0.125%
40	14.851	1997	2000	2005	rVB7	5097	7067	0.21%	0.017%
41	15.140	2043	2049	2053	rBV	4610	7124	0.21%	0.018%
42	15.192	2053	2058	2062	rVB6	4084	7838	0.23%	0.019%
43	15.340	2075	2083	2096	rBV	1875851	2781403	82.72%	6.862%
44	15.487	2102	2108	2121	rBV	435843	673222	20.02%	1.661%
45	15.587	2122	2125	2130	rVB5	8823	16102	0.48%	0.040%
46	15.834	2163	2167	2172	rVB8	2339	4135	0.12%	0.010%
47	15.922	2176	2182	2189	rBV4	21139	40011	1.19%	0.099%
48	16.092	2207	2211	2215	rBV5	5292	8306	0.25%	0.020%
49	16.145	2217	2220	2226	rVB7	7065	12983	0.39%	0.032%
50	16.275	2238	2242	2248	rVB8	5114	9067	0.27%	0.022%
51	16.551	2285	2289	2295	rBV7	8428	14286	0.42%	0.035%
52	16.822	2331	2335	2339	rVB7	3927	5366	0.16%	0.013%
53	16.916	2347	2351	2356	rBV5	7116	13662	0.41%	0.034%
54	17.092	2374	2381	2385	rBV6	15224	24989	0.74%	0.062%
55	17.157	2385	2392	2402	rBV	1465178	2275719	67.68%	5.614%
56	17.257	2402	2409	2423	rVB	1911978	2888847	85.91%	7.127%
57	17.357	2423	2426	2428	rBV3	4631	6548	0.19%	0.016%
58	17.381	2428	2430	2440	rVB3	9101	17723	0.53%	0.044%
59	17.481	2442	2447	2450	rBV4	10099	18511	0.55%	0.046%
60	17.575	2460	2463	2464	rBV3	5728	7493	0.22%	0.018%
61	17.692	2480	2483	2486	rBV4	4959	6260	0.19%	0.015%
62	17.875	2509	2514	2521	rVB	72534	98299	2.92%	0.242%
63	17.975	2529	2531	2539	rVB9	4432	8328	0.25%	0.021%
64	18.116	2548	2555	2572	rBV	519713	856552	25.47%	2.113%
65	18.422	2604	2607	2610	rBV4	8716	13546	0.40%	0.033%
66	18.463	2610	2614	2620	rVB4	11396	22087	0.66%	0.054%
67	18.569	2629	2632	2636	rVB6	6194	6231	0.19%	0.015%
68	18.828	2673	2676	2679	rBV4	7466	10635	0.32%	0.026%
69	19.028	2706	2710	2714	rBV5	14875	23678	0.70%	0.058%
70	19.092	2719	2721	2722	rVV2	9088	8069	0.24%	0.020%
71	19.122	2724	2726	2732	rVB5	17530	16940	0.50%	0.042%
72	19.204	2736	2740	2746	rBV3	27435	44464	1.32%	0.110%
73	19.286	2751	2754	2755	rVV2	15849	20687	0.62%	0.051%
74	19.310	2755	2758	2766	rVB2	33342	62844	1.87%	0.155%
75	19.469	2780	2785	2799	rBV	249637	456158	13.57%	1.125%
76	19.669	2813	2819	2829	rVB	2411145	3362593	100.00%	8.295%

LSC Area Percent Report

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Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

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-BP041924.MA.M
Title : SVOA CALIBRATION

77	21.345	3100	3104	3110	rBV	340432	502412	14.94%	1.239%
78	21.657	3151	3157	3165	rBV	1424924	2229249	66.30%	5.499%
79	24.827	3687	3696	3711	rVB2	1051069	3058881	90.97%	7.546%
80	25.057	3726	3735	3747	rVB	859242	2262466	67.28%	5.581%

Sum of corrected areas: 40535730

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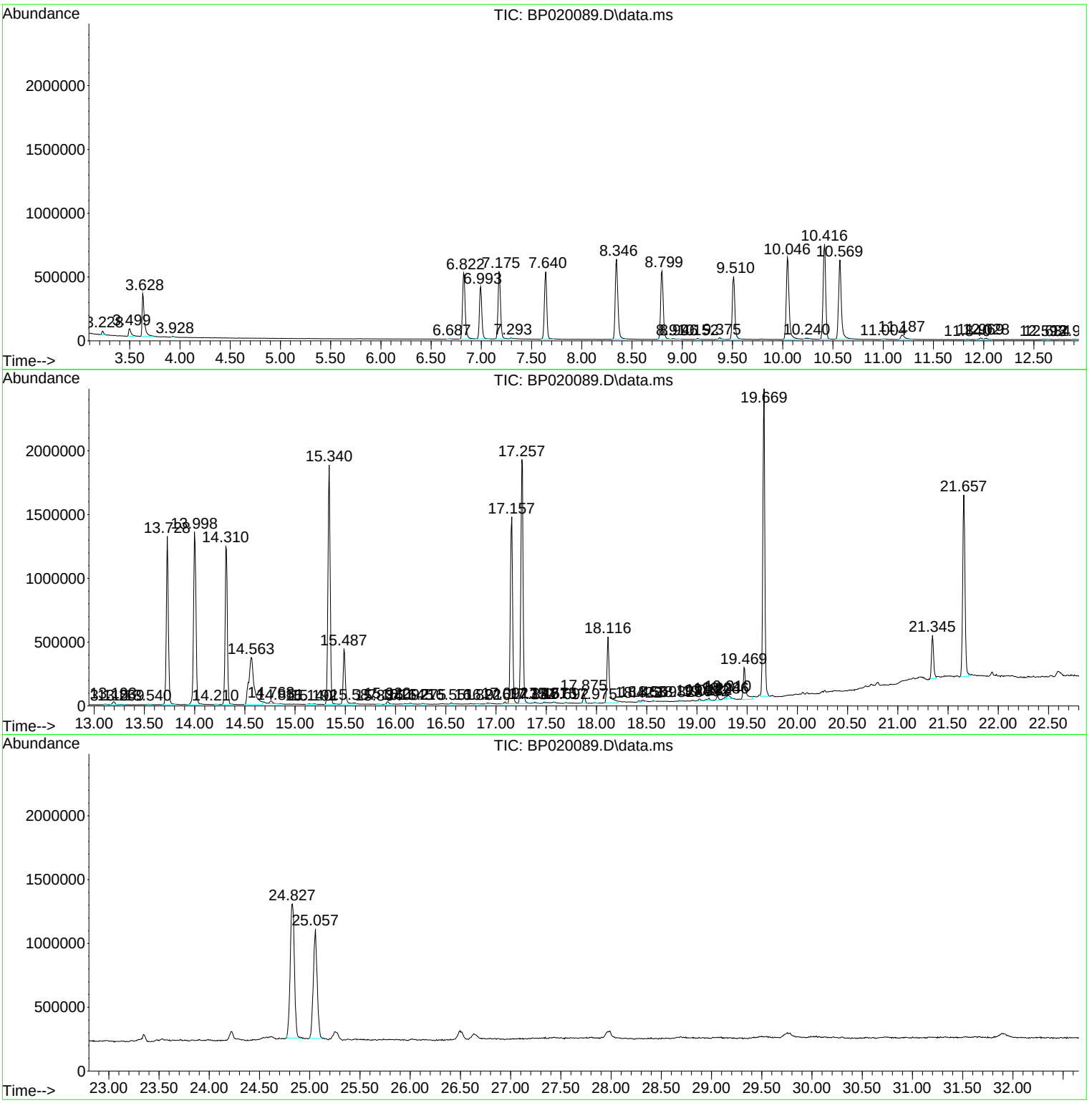
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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\BP042224\
Data File : BP020089.D
Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

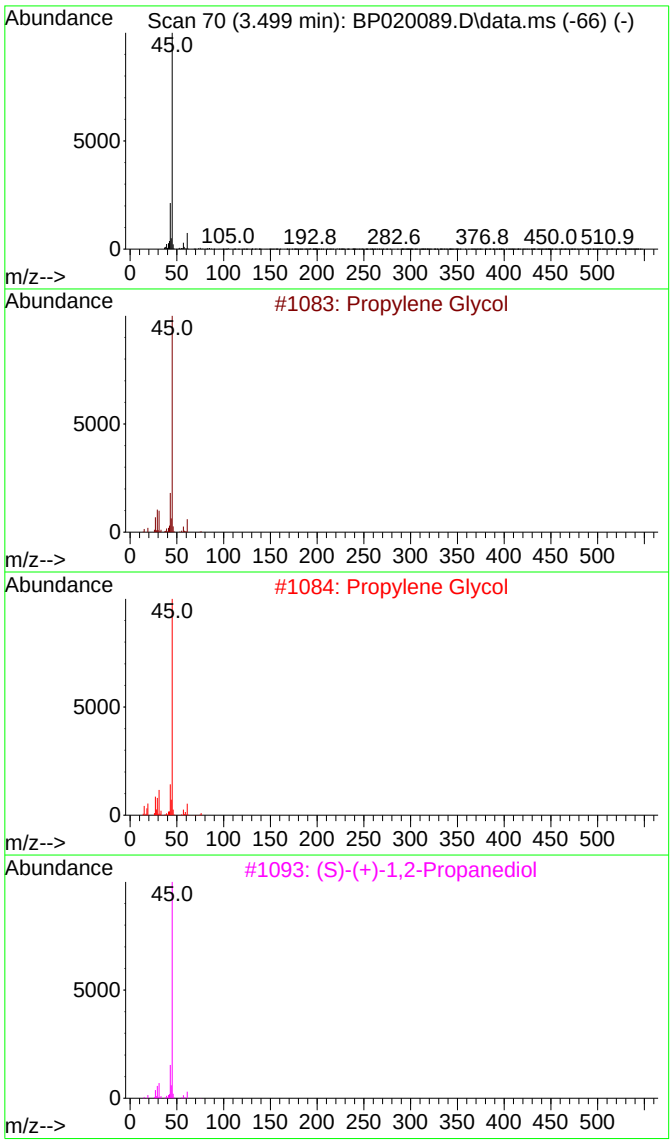
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

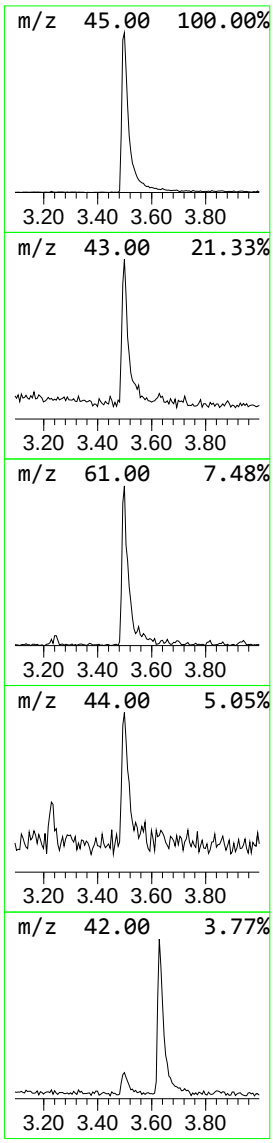
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.499	2.29 ng/ul	99136	1,4-Dichlorobenzene-d4	7.640

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	64
2	Propylene Glycol	76	C3H8O2	000057-55-6	9
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020089.D
Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

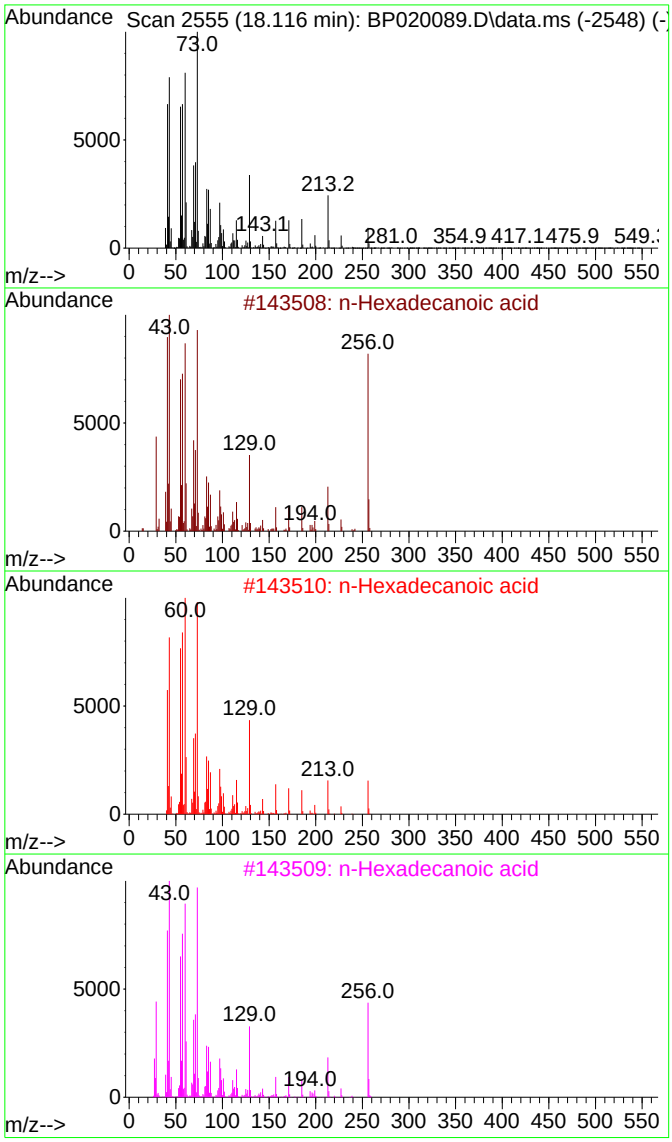
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

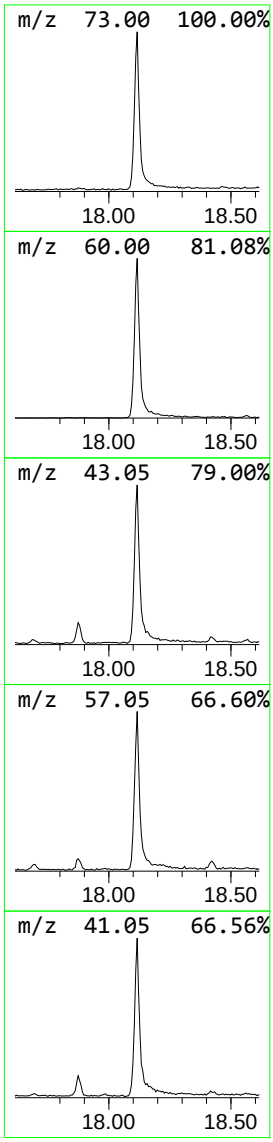
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	7.53 ng/ul	856552	Phenanthrene-d10	17.157

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020089.D
Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

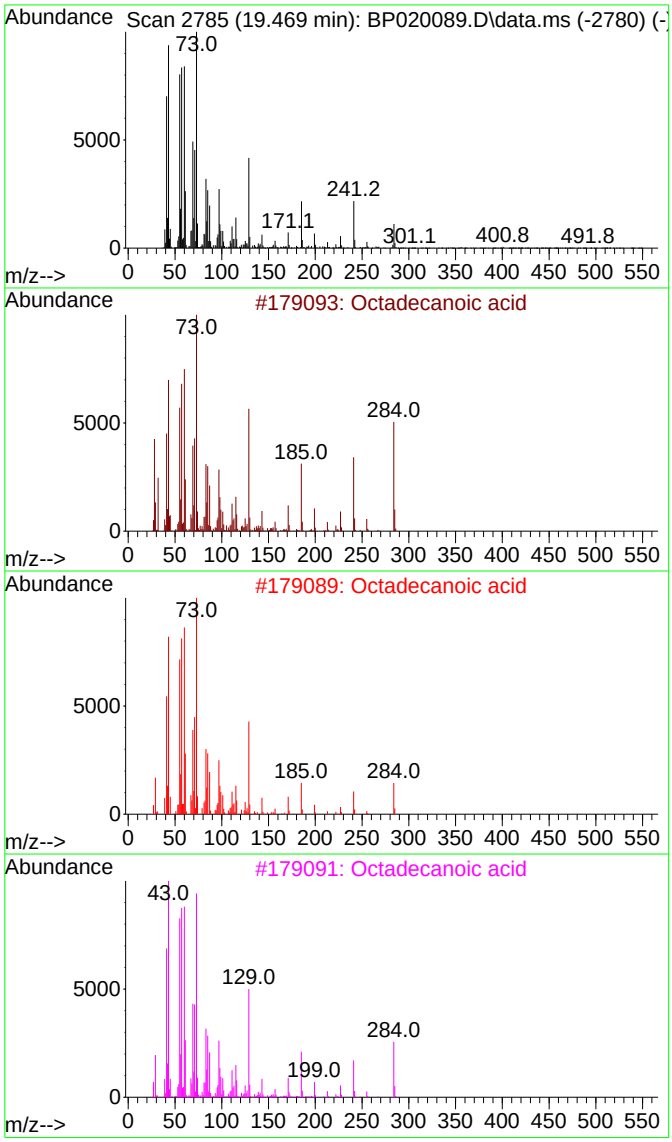
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

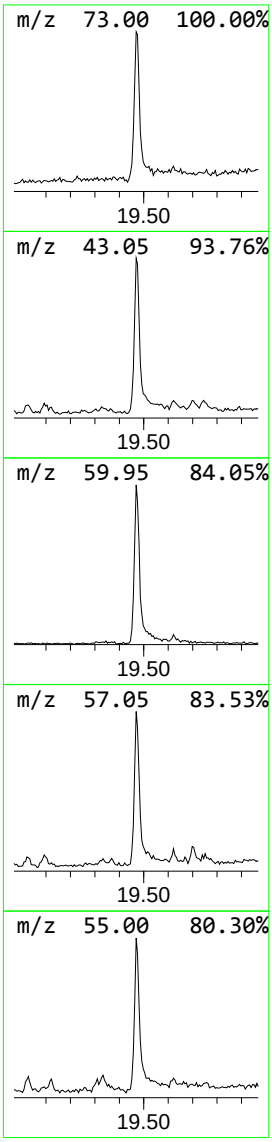
****

Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.469	4.09 ng/ul	456158	Chrysene-d12	21.657

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, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90





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Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.MA.M
Quant Title : SVOA CALIBRATION

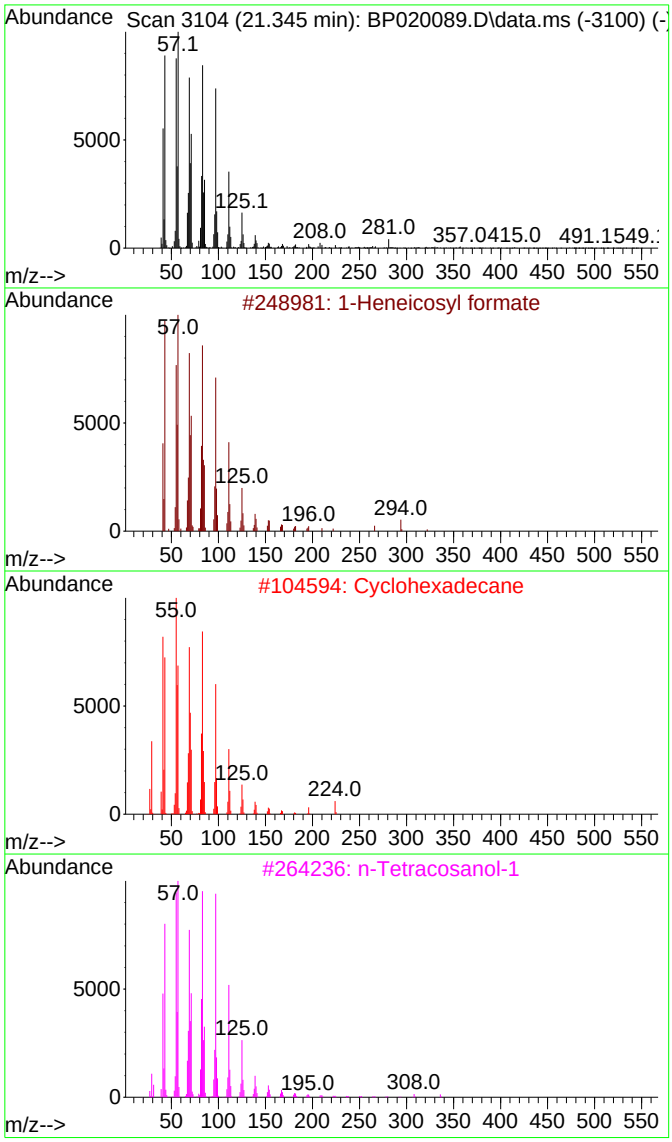
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

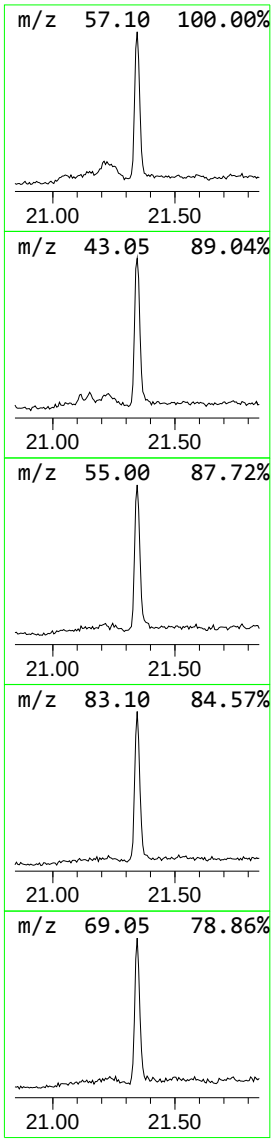
****

Peak Number 4 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.345	4.51 ng/ul	502412	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	Cyclohexadecane	224	C16H32	000295-65-8	98
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042224\
Data File : BP020089.D
Acq On : 23 Apr 2024 00:45
Operator : MA/JU
Sample : P2104-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AB1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041924.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	3.499	2.3	ng/ul	99136	1	7.640	867633	20.0
n-Hexadecanoic ...	18.116	7.5	ng/ul	856552	4	17.157	2275720	20.0
Octadecanoic acid	19.469	4.1	ng/ul	456158	5	21.657	2229250	20.0
1-Heneicosyl fo...	21.345	4.5	ng/ul	502412	5	21.657	2229250	20.0