LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

Signal : TIC: BN022658.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	50	rVB2	18604	38582	2.63%	0.175%
2	3.511	85	89	93	rBV	6393	9803	0.67%	0.044%
3	3.640	108	111	125	rBV	88676	154088	10.49%	0.697%
4	3.864	145	149	156	rVB2	9100	17283	1.18%	0.078%
5	3.964	161	166	175	rVB	6995	12448	0.85%	0.056%
6	5.928	499	500	508	rVV3	3036	5283	0.36%	0.024%
7	6.005	510	513	520	rVB2	3332	5316	0.36%	0.024%
8	6.881	657	662	669	rBV3	8419	14776	1.01%	0.067%
9	6.993	675	681	684	rBV6	2469	4266	0.29%	0.019%
10	7.052	686	691	704	rVB2	73866	136386	9.29%	0.617%
11	7.210	711	718	727	rBV	215081	348810	23.75%	1.578%
12	7.281	727	730	737	rVV4	2328	5515	0.38%	0.025%
13	7.405	740	751	760	rBV	236953	378091	25.74%	1.710%
14	7.487	760	765	773	rVB3	7750	14103	0.96%	0.064%
15	7.593	779	783	787	rBV3	3061	4771	0.32%	0.022%
16	7.875	823	831	839	rBV	350921	558384	38.02%	2.526%
17	7.946	839	843	847	rVV3	4521	6007	0.41%	0.027%
18	8.175	878	882	886	rVV5	3780	6497	0.44%	0.029%
19	8.275	894	899	903	rBV6	1703	3387	0.23%	0.015%
20	8.475	925	933	937	rBV5	2687	6085	0.41%	0.028%
21	8.610	949	956	964	rVV	216042	348270	23.71%	1.575%
22	8.687	964	969	972	rVV6	3835	8612	0.59%	0.039%
23	8.722	972	975	982	rVB3	3337	6110	0.42%	0.028%
24	8.993	1017	1021	1026	rBV3	6837	11851	0.81%	0.054%
25	9.057	1026	1032	1047	rVB	280236	455285	31.00%	2.060%
26	9.181	1047	1053	1056	rBV3	7125	10640	0.72%	0.048%
27	9.222	1056	1060	1066	rVB2	6647	11362	0.77%	0.051%
28	9.287	1066	1071	1075	rBV4	2484	3826	0.26%	0.017%
29	9.357	1080	1083	1087	rVB4	3041	3574	0.24%	0.016%
30	9.451	1093	1099	1105	rBV5	5313	12078	0.82%	0.055%
31	9.504	1105	1108	1114	rVB4	2174	3273	0.22%	0.015%
32	9.634	1123	1130	1136	rVB5	2101	3756	0.26%	0.017%
33	9.787	1148	1156	1165	rBV	228790	382365	26.03%	1.730%
34	9.887	1167	1173	1176	rBV5	2319	3747	0.26%	0.017%
35	9.963	1179	1186	1192	rBV5	2988	8056	0.55%	0.036%
36	10.028	1192	1197	1200	rBV3	5665	8427	0.57%	0.038%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

37	10.222	1220	1230	1237	rBV4	6114	16250	1.11%	0.074%
38	10.334	1241	1249	1259	rBV	361039	625669	42.60%	2.830%
39	10.481	1266	1274	1290	rBV	341474	564757	38.45%	2.555%
40	10.704	1304	1312	1319	rBV	509983	848467	57.77%	3.838%
41	10.851	1331	1337	1352	rBV	222153	402159	27.38%	1.819%
42	11.081	1372	1376	1381	rBV4	3811	6743	0.46%	0.031%
43	11.251	1401	1405	1411	rBV6	3577	5927	0.40%	0.027%
44	11.375	1423	1426	1432	rVB4	2308	3618	0.25%	0.016%
45	11.510	1444	1449	1455	rBV2	6695	10951	0.75%	0.050%
46	11.681	1474	1478	1484	rBV6	3405	7777	0.53%	0.035%
47	11.951	1517	1524	1530	rBV5	4671	7966	0.54%	0.036%
48	12.216	1563	1569	1574	rBV3	3509	6362	0.43%	0.029%
49	12.304	1579	1584	1588	rVV	5171	8217	0.56%	0.037%
50	12.904	1680	1686	1695	rBV3	10362	18792	1.28%	0.085%
51	13.004	1700	1703	1709	rBV6	2550	6200	0.42%	0.028%
52	13.069	1709	1714	1718	rBV5	4353	7697	0.52%	0.035%
53	13.163	1724	1730	1736	rVB3	15447	24657	1.68%	0.112%
54	13.445	1769	1778	1785	rVV5	7524	15780	1.07%	0.071%
55	13.522	1787	1791	1798	rVB6	3761	6883	0.47%	0.031%
56	13.792	1832	1837	1840	rBV4	3244	5114	0.35%	0.023%
57	13.975	1859	1868	1874	rBV	691660	961669	65.48%	4.350%
58	14.122	1890	1893	1899	rVB4	7673	12366	0.84%	0.056%
59	14.204	1899	1907	1910	rBV	49639	82751	5.63%	0.374%
60	14.251	1910	1915	1923	rVB2	716191	1064776	72.50%	4.817%
61	14.369	1933	1935	1939	rVB4	4274	4617	0.31%	0.021%
62	14.439	1942	1947	1953	rBV6	7057	12505	0.85%	0.057%
63	14.557	1960	1967	1973	rBV	762321	1132225	77.09%	5.122%
64	14.610	1973	1976	1980	rVV2	9418	13162	0.90%	0.060%
65	14.745	1992	1999	2003	rBV3	19984	38509	2.62%	0.174%
66	14.810	2003	2010	2017	rVV2	56041	127209	8.66%	0.575%
67	14.869	2017	2020	2026	rVB6	14291	23201	1.58%	0.105%
68	14.928	2026	2030	2035	rBV3	20026	39945	2.72%	0.181%
69	14.975	2036	2038	2045	rVB8	16079	21991	1.50%	0.099%
70	15.110	2056	2061	2067	rVB3	34783	49492	3.37%	0.224%
71	15.192	2067	2075	2081	rVB5	28350	61251	4.17%	0.277%
72	15.351	2097	2102	2105	rBV	33543	42061	2.86%	0.190%
73	15.386	2105	2108	2114	rVB2	31369	50781	3.46%	0.230%
74	15.557	2131	2137	2143	rBV	901433	1303213	88.73%	5.895%
75	15.686	2154	2159	2172	rVB	354871	497185	33.85%	2.249%
76	15.928	2196	2200	2203	rVB4	13638	17266	1.18%	0.078%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

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_N\Methods\SFAM-EPA-BN111522.M
Title : SVOA CALIBRATION

77	16.016	2212	2215	2219	rVB5	11051	14351	0.98%	0.065%
78	16.122	2226	2233	2238	rBV5	28119	59178	4.03%	0.268%
79	16.186	2241	2244	2246	rVV4	11440	14077	0.96%	0.064%
80	16.233	2249	2252	2255	rVV2	15701	22947	1.56%	0.104%
81	16.269	2255	2258	2264	rVB2	22566	38391	2.61%	0.174%
82	16.451	2286	2289	2294	rVB2	28602	34514	2.35%	0.156%
83	16.716	2330	2334	2341	rBV3	31696	55660	3.79%	0.252%
84	16.969	2372	2377	2384	rBV	191651	280546	19.10%	1.269%
85	17.233	2418	2422	2427	rVB2	54835	71849	4.89%	0.325%
86	17.322	2431	2437	2444	rBV	887360	1271966	86.61%	5.754%
87	17.422	2448	2454	2462	rVB	995656	1425754	97.08%	6.450%
88	17.992	2547	2551	2555	rVB	77316	97175	6.62%	0.440%
89	18.222	2585	2590	2600	rBV	573278	805477	54.84%	3.644%
90	19.357	2780	2783	2785	rBV2	58178	70023	4.77%	0.317%
91	19.504	2804	2808	2815	rBV	394844	522235	35.56%	2.362%
92	19.727	2841	2846	2851	rBV2	1085656	1468674	100.00%	6.644%
93	20.763	3019	3022	3025	rVB	65636	72803	4.96%	0.329%
94	21.227	3097	3101	3111	rVB	464669	545541	37.15%	2.468%
95	21.527	3147	3152	3163	rVB	964367	1223507	83.31%	5.535%
96	21.668	3173	3176	3184	rVB2	94958	124391	8.47%	0.563%
97	22.133	3253	3255	3259	rBV	54538	57039	3.88%	0.258%
98	22.780	3361	3365	3373	rVB	221207	318361	21.68%	1.440%
99	23.798	3532	3538	3553	rVB2	568096	1304648	88.83%	5.902%
100	23.962	3559	3566	3580	rVB2	491557	1039844	70.80%	4.704%

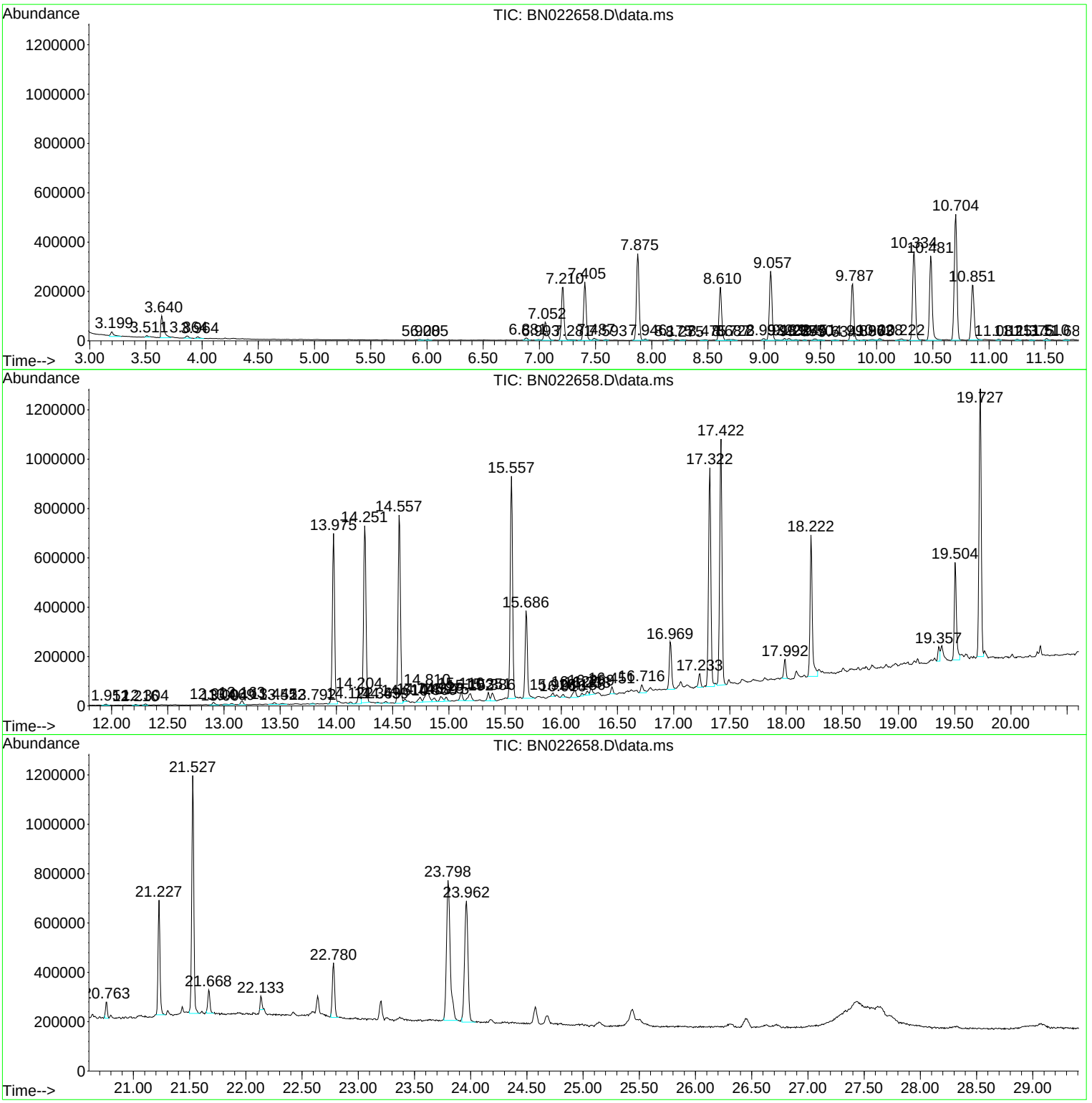
Sum of corrected areas: 22106225

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

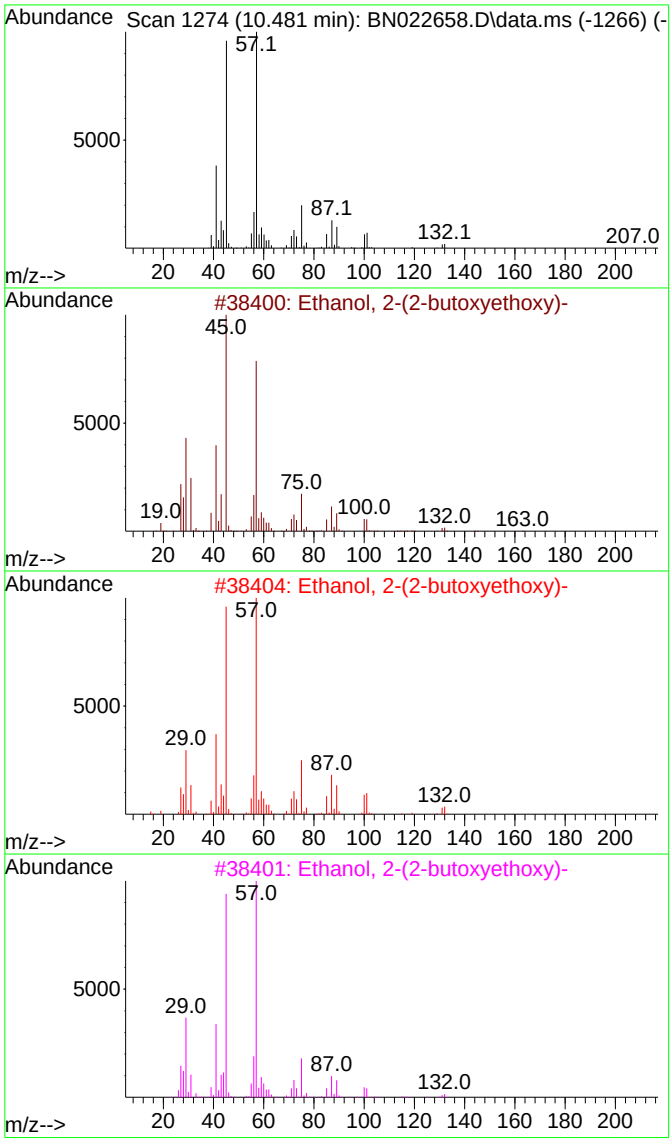
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

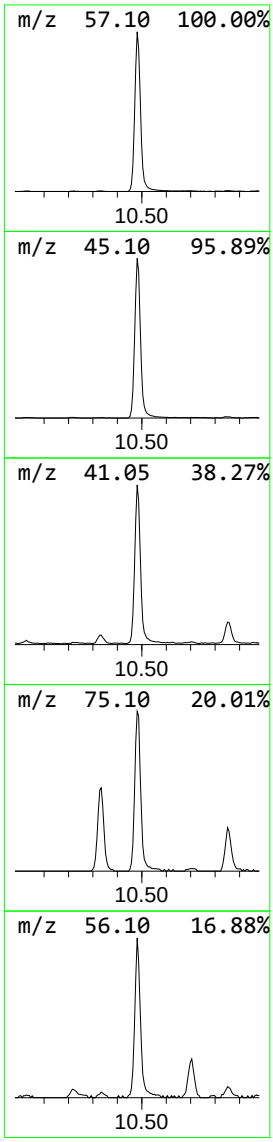
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	13.31 ng/ul	564757	Naphthalene-d8	10.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

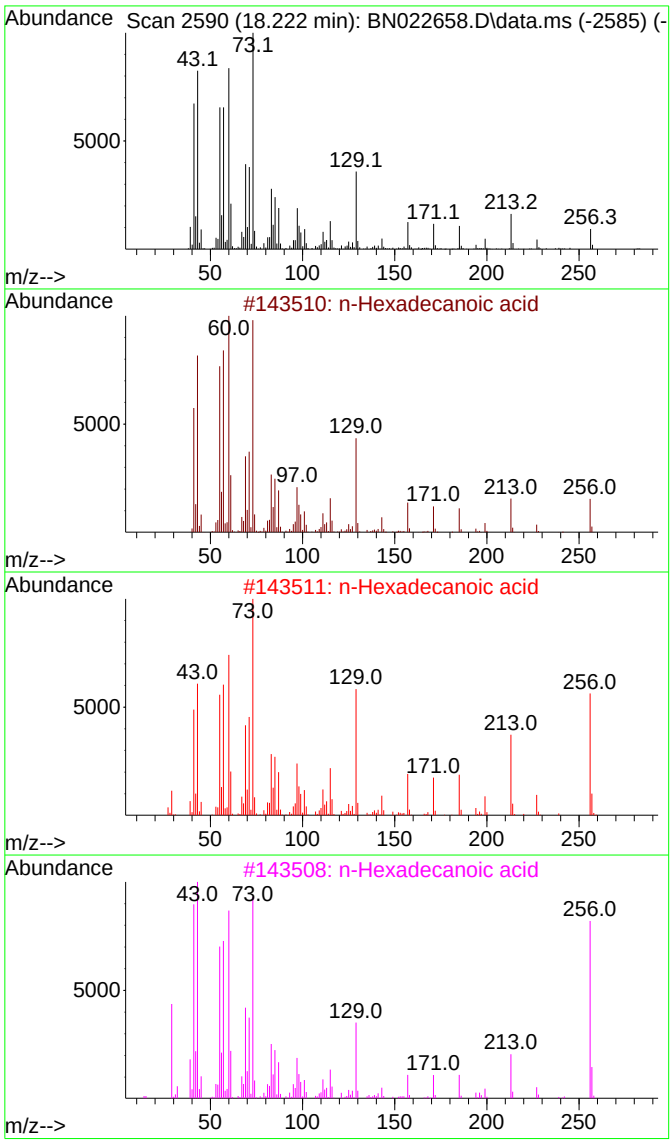
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

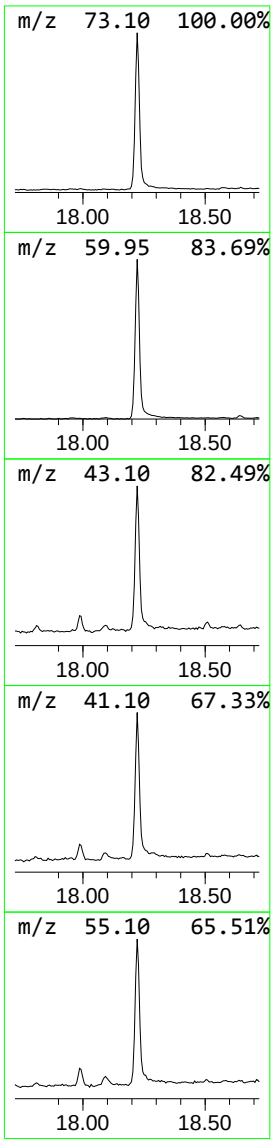
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	12.67 ng/ul	805477	Phenanthrene-d10	17.322

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	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

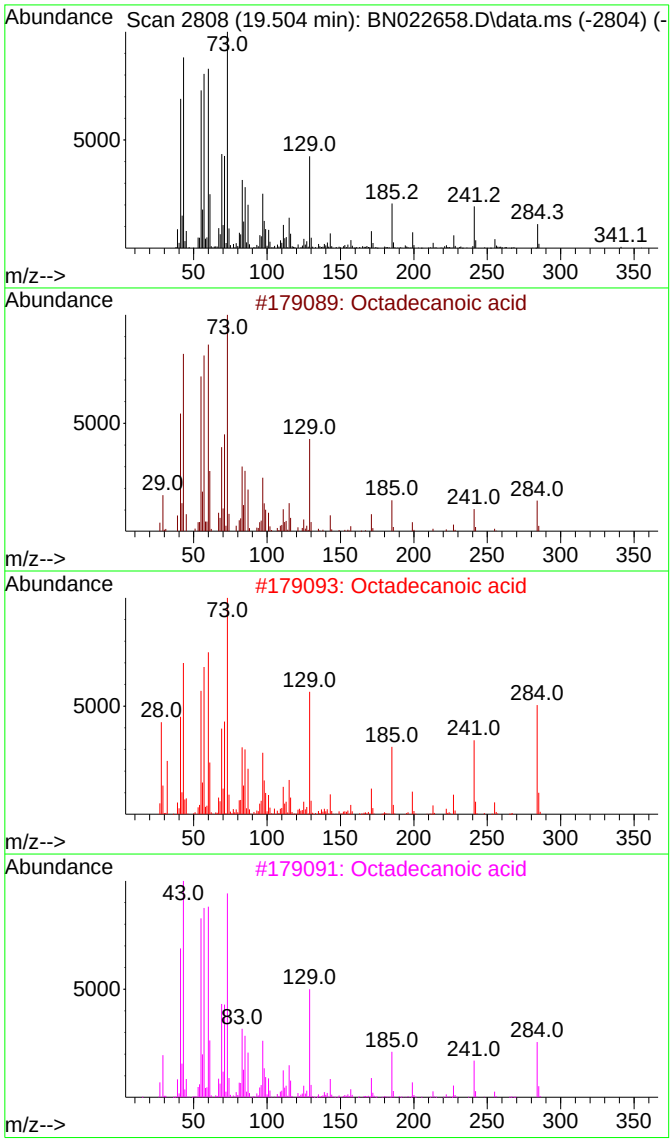
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

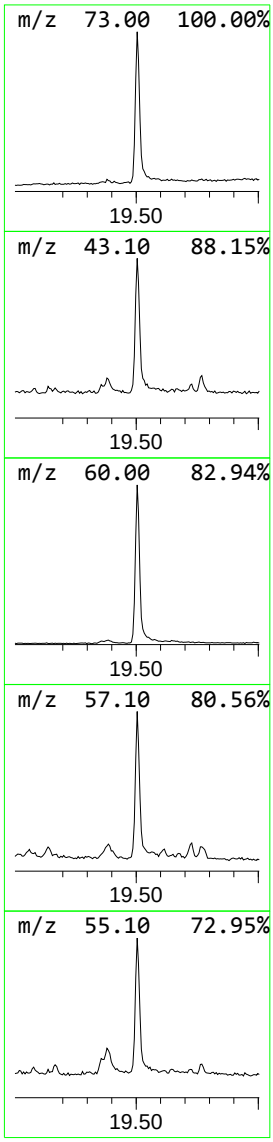
****

Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.504	8.54 ng/ul	522235	Chrysene-d12	21.527

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	98
5	Octadecanoic acid	284	C18H36O2	000057-11-4	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

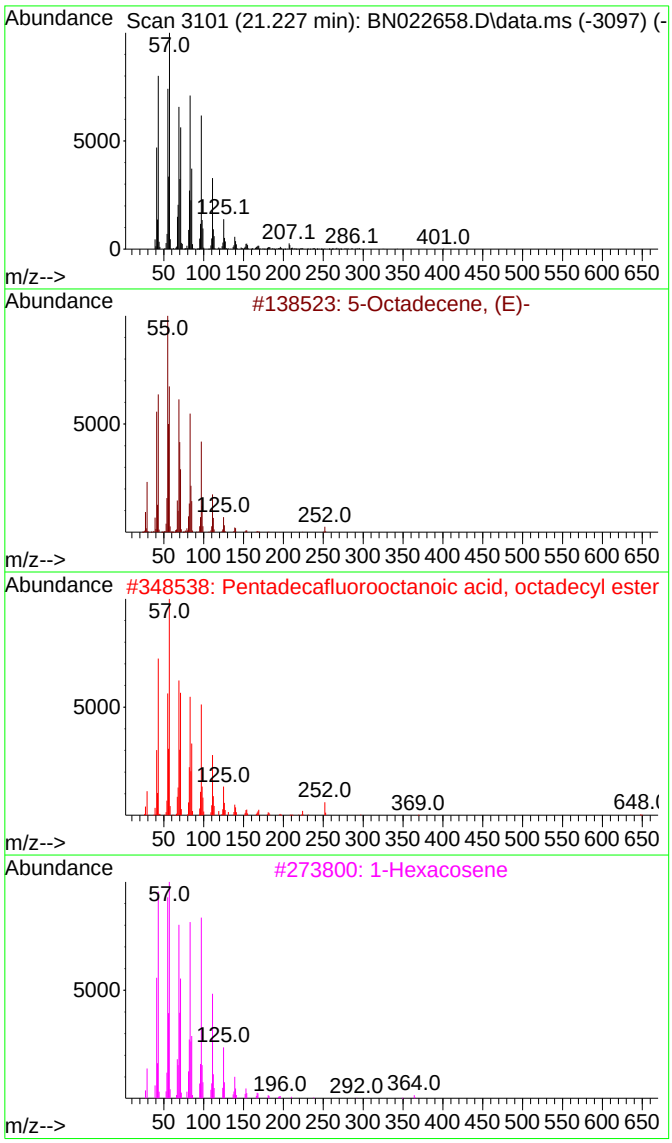
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

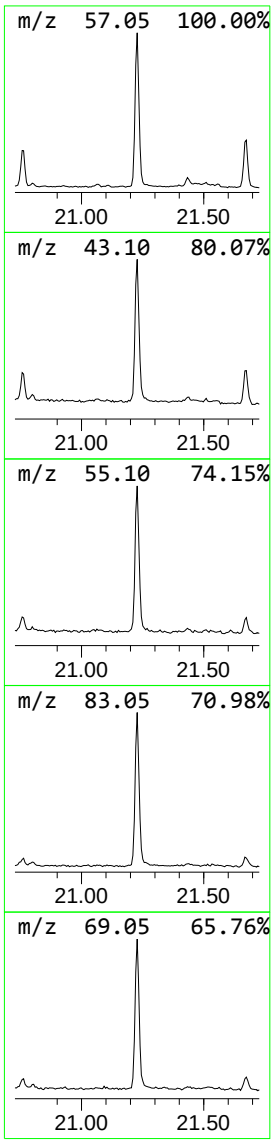
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	8.92 ng/ul	545541	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

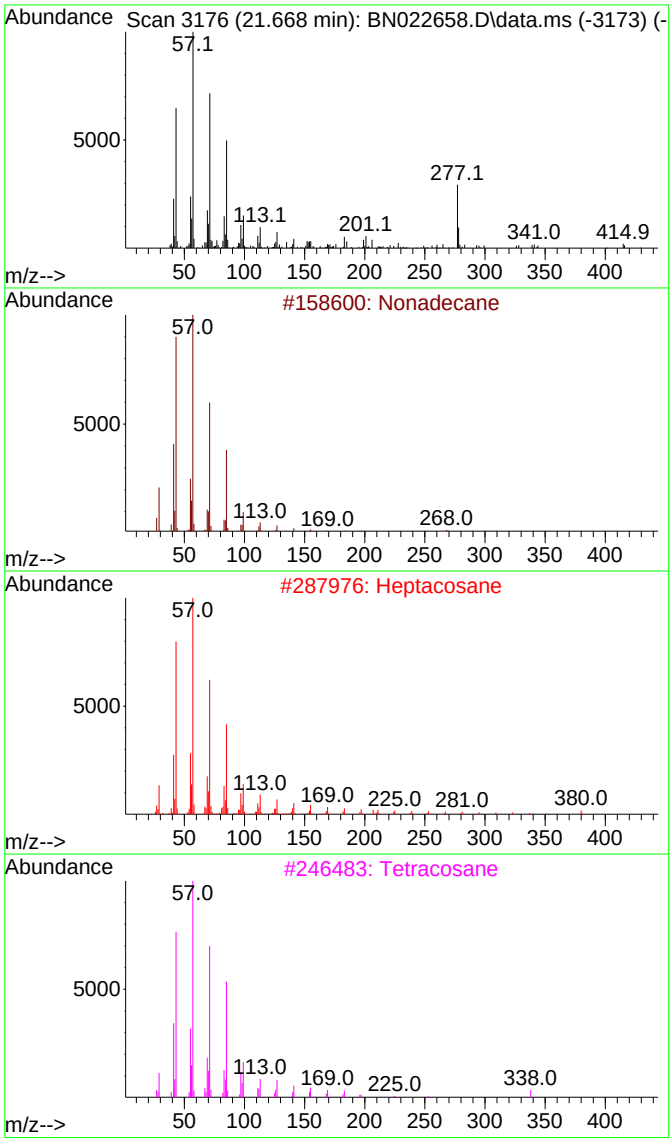
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

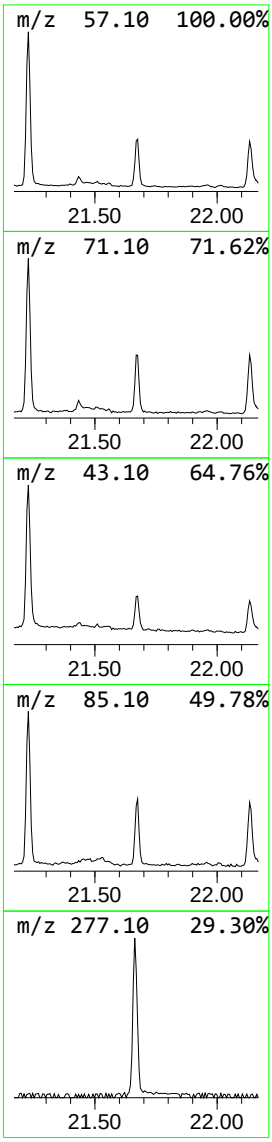
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.669	2.03 ng/ul	124391	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptacosane	380	C27H56	000593-49-7	70
3	Tetracosane	338	C24H50	000646-31-1	70
4	Hexacosane	366	C26H54	000630-01-3	70
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

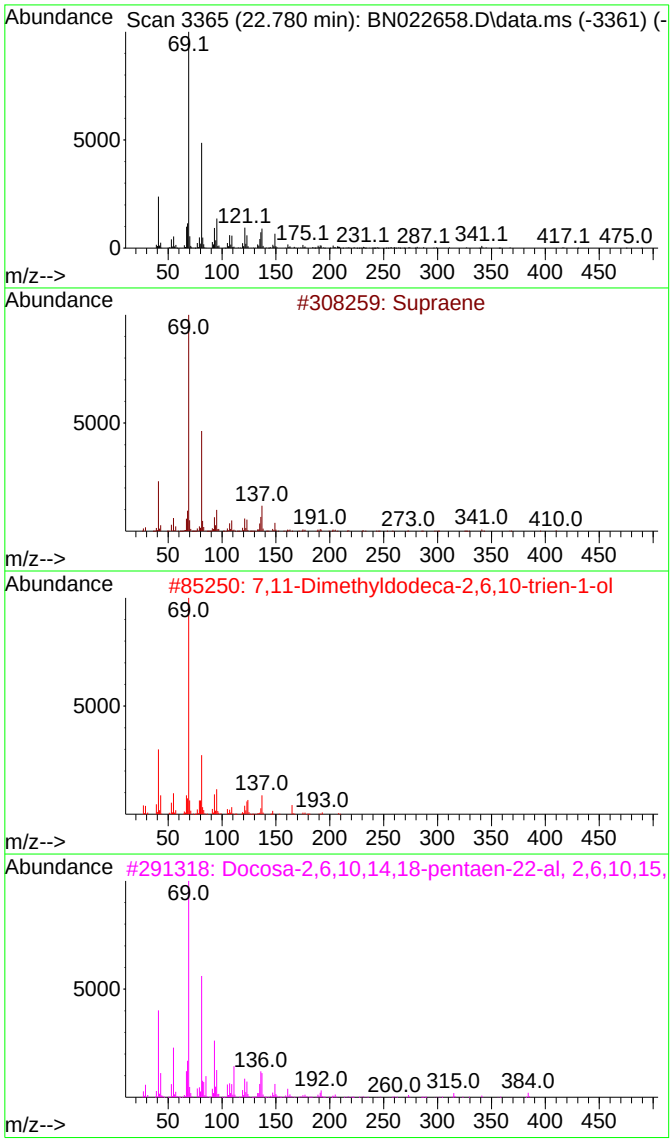
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

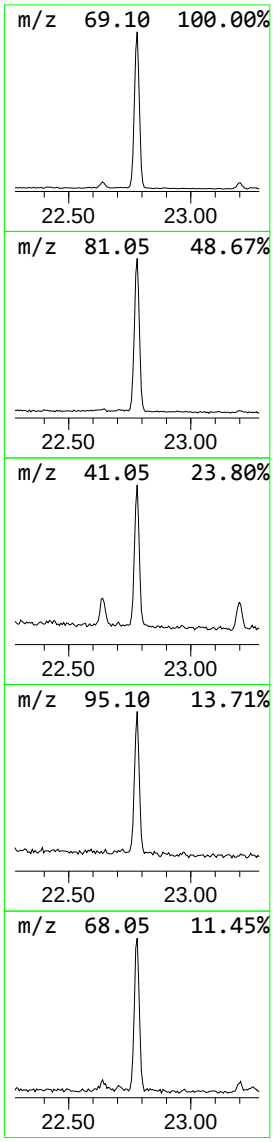
****

Peak Number 6 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.780	6.12 ng/ul	318361	Perylene-d12	23.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	90
2	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	81
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
4	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	53
5	4-Methyl-1,5-Heptadiene	110	C8H14	000998-94-7	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022658.D
Acq On : 15 Nov 2022 20:40
Operator : CG/JU
Sample : N5570-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GBMW2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.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
Ethanol, 2-(2-b...	10.481	13.3	ng/ul	564757	2	10.704	848467	20.0
n-Hexadecanoic ...	18.222	12.7	ng/ul	805477	4	17.322	1271970	20.0
Octadecanoic acid	19.504	8.5	ng/ul	522235	5	21.527	1223510	20.0
(DEL) Alkane: S...	21.227	8.9	ng/ul	545541	5	21.527	1223510	20.0
(DEL) Alkane: S...	21.669	2.0	ng/ul	124391	5	21.527	1223510	20.0
Supraene	22.780	6.1	ng/ul	318361	6	23.962	1039840	20.0