LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

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: BN022669.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	31	35	43	rVB	16258	23457	1.60%	0.123%
2	3.517	87	90	96	rBV3	2315	3819	0.26%	0.020%
3	3.658	112	114	122	rBV	11172	20655	1.41%	0.109%
4	3.746	126	129	133	rVB3	2572	3590	0.24%	0.019%
5	3.864	143	149	155	rVB	14982	26108	1.78%	0.137%
6	3.958	160	165	171	rBV2	6007	9413	0.64%	0.050%
7	4.352	229	232	237	rBV5	2654	3892	0.27%	0.020%
8	4.934	323	331	340	rBV2	26706	48623	3.31%	0.256%
9	5.052	349	351	355	rVB3	1338	1684	0.11%	0.009%
10	5.934	500	501	509	rVB5	1239	1892	0.13%	0.010%
11	6.887	659	663	666	rBV5	1663	2459	0.17%	0.013%
12	7.046	684	690	707	rVB	256391	427257	29.11%	2.247%
13	7.205	710	717	728	rVB	214510	327592	22.32%	1.723%
14	7.399	744	750	760	rBV	251141	417331	28.44%	2.195%
15	7.475	760	763	767	rVV3	1558	2096	0.14%	0.011%
16	7.693	797	800	804	rVV5	2186	2695	0.18%	0.014%
17	7.875	822	831	839	rBV	289607	466830	31.81%	2.456%
18	7.940	839	842	846	rVB4	1175	2076	0.14%	0.011%
19	8.605	948	955	967	rBV	339362	544925	37.13%	2.866%
20	8.716	969	974	984	rVB	7751	14116	0.96%	0.074%
21	9.057	1025	1032	1041	rBV	260275	421585	28.73%	2.218%
22	9.216	1055	1059	1069	rVB3	2078	4203	0.29%	0.022%
23	9.440	1092	1097	1103	rVB3	3332	5996	0.41%	0.032%
24	9.781	1149	1155	1164	rBV	220956	361399	24.62%	1.901%
25	10.328	1242	1248	1263	rBV	314050	529418	36.07%	2.785%
26	10.481	1267	1274	1290	rBV	38530	81293	5.54%	0.428%
27	10.587	1290	1292	1298	rVB3	1064	1632	0.11%	0.009%
28	10.699	1304	1311	1319	rBV	412021	690260	47.03%	3.631%
29	10.851	1330	1337	1351	rBV	276913	490538	33.42%	2.580%
30	11.516	1446	1450	1457	rBV6	1968	4591	0.31%	0.024%
31	11.751	1480	1490	1493	rBV4	792	1977	0.13%	0.010%
32	12.222	1565	1570	1573	rVB3	1983	2608	0.18%	0.014%
33	12.304	1577	1584	1589	rVB	3994	6756	0.46%	0.036%
34	12.898	1680	1685	1691	rVB4	2874	5191	0.35%	0.027%
35	13.157	1722	1729	1734	rBV3	5432	8361	0.57%	0.044%
36	13.445	1773	1778	1786	rBV	6783	10884	0.74%	0.057%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
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Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

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	13.522	1789	1791	1794	rBV3	1307	1820	0.12%	0.010%
38	13.887	1851	1853	1857	rVB3	2132	2166	0.15%	0.011%
39	13.975	1860	1868	1874	rBV	603977	847849	57.77%	4.460%
40	14.204	1901	1907	1909	rBV3	11251	17427	1.19%	0.092%
41	14.251	1909	1915	1928	rVB	644456	911959	62.14%	4.797%
42	14.422	1940	1944	1946	rBV3	1166	1747	0.12%	0.009%
43	14.557	1959	1967	1978	rBV	663041	959659	65.39%	5.048%
44	14.728	1993	1996	1999	rVB3	1998	2138	0.15%	0.011%
45	14.792	1999	2007	2025	rBV	220001	392060	26.71%	2.062%
46	14.992	2035	2041	2047	rVB4	22896	37754	2.57%	0.199%
47	15.198	2073	2076	2084	rVB5	2055	3595	0.24%	0.019%
48	15.269	2084	2088	2092	rBV3	1711	2503	0.17%	0.013%
49	15.351	2098	2102	2105	rBV2	8928	11224	0.76%	0.059%
50	15.387	2105	2108	2114	rVB3	7558	11518	0.78%	0.061%
51	15.557	2130	2137	2147	rVB	843963	1200020	81.77%	6.312%
52	15.687	2153	2159	2171	rBV	252631	338934	23.09%	1.783%
53	15.798	2175	2178	2182	rVB3	3257	4255	0.29%	0.022%
54	15.922	2196	2199	2202	rBV3	2738	2958	0.20%	0.016%
55	15.957	2202	2205	2210	rVB3	2648	3582	0.24%	0.019%
56	16.016	2212	2215	2220	rVB5	2393	2526	0.17%	0.013%
57	16.104	2226	2230	2233	rBV5	2946	4328	0.29%	0.023%
58	16.234	2249	2252	2254	rVV2	2487	2980	0.20%	0.016%
59	16.269	2254	2258	2267	rVV3	5709	11687	0.80%	0.061%
60	16.334	2267	2269	2276	rVB4	1472	1877	0.13%	0.010%
61	16.451	2281	2289	2294	rBV3	5991	10541	0.72%	0.055%
62	16.710	2331	2333	2339	rVV5	1827	2400	0.16%	0.013%
63	16.769	2339	2343	2344	rVV3	1628	1774	0.12%	0.009%
64	16.792	2344	2347	2351	rVB4	2709	3576	0.24%	0.019%
65	16.839	2351	2355	2359	rBV4	1330	1853	0.13%	0.010%
66	17.063	2387	2393	2396	rBV4	5766	10500	0.72%	0.055%
67	17.104	2398	2400	2404	rVB3	2678	3933	0.27%	0.021%
68	17.228	2416	2421	2425	rVB2	12633	15560	1.06%	0.082%
69	17.322	2430	2437	2442	rVV	765658	1138398	77.57%	5.988%
70	17.357	2442	2443	2447	rVV2	7031	7347	0.50%	0.039%
71	17.416	2447	2453	2464	rVV	868816	1279179	87.16%	6.729%
72	17.522	2467	2471	2477	rVV3	23945	34757	2.37%	0.183%
73	17.604	2481	2485	2491	rBV3	4642	9207	0.63%	0.048%
74	17.810	2516	2520	2525	rBV6	4515	6329	0.43%	0.033%
75	17.851	2525	2527	2531	rVB4	1367	1766	0.12%	0.009%
76	17.986	2546	2550	2558	rVB	21110	27168	1.85%	0.143%

LSC Area Percent Report

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Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

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

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Peak separation: 5

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

77	18.092	2564	2568	2572	rBV6	3994	7899	0.54%	0.042%
78	18.216	2584	2589	2595	rBV	92542	129726	8.84%	0.682%
79	18.292	2599	2602	2608	rVB	7621	11787	0.80%	0.062%
80	18.510	2635	2639	2643	rBV3	4799	8275	0.56%	0.044%
81	18.586	2650	2652	2654	rBV3	1943	1673	0.11%	0.009%
82	18.798	2686	2688	2696	rVB8	4605	7113	0.48%	0.037%
83	19.022	2723	2726	2730	rBV6	2776	4566	0.31%	0.024%
84	19.286	2766	2771	2775	rBV5	13191	21485	1.46%	0.113%
85	19.357	2779	2783	2785	rVV3	20334	25487	1.74%	0.134%
86	19.386	2785	2788	2793	rVB2	17491	26199	1.79%	0.138%
87	19.498	2803	2807	2816	rBV	47438	68825	4.69%	0.362%
88	19.727	2840	2846	2851	rBV	1018528	1424916	97.09%	7.495%
89	20.263	2934	2937	2940	rVB2	13774	15097	1.03%	0.079%
90	20.757	3018	3021	3026	rVB	30730	34614	2.36%	0.182%
91	21.227	3097	3101	3111	rVB	191311	247380	16.86%	1.301%
92	21.527	3146	3152	3162	rVB	1016532	1258330	85.74%	6.619%
93	21.669	3174	3176	3182	rVB	43883	47633	3.25%	0.251%
94	22.133	3252	3255	3262	rBV	94814	134662	9.18%	0.708%
95	22.333	3285	3289	3295	rVB	138702	187873	12.80%	0.988%
96	22.639	3338	3341	3346	rVB2	48939	63422	4.32%	0.334%
97	23.198	3432	3436	3442	rBV	96475	149386	10.18%	0.786%
98	23.798	3531	3538	3552	rVB2	666431	1467621	100.00%	7.720%
99	23.957	3559	3565	3577	rVB2	561894	1161050	79.11%	6.107%
100	24.574	3665	3670	3678	rVB2	93254	197852	13.48%	1.041%

Sum of corrected areas: 19010927

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
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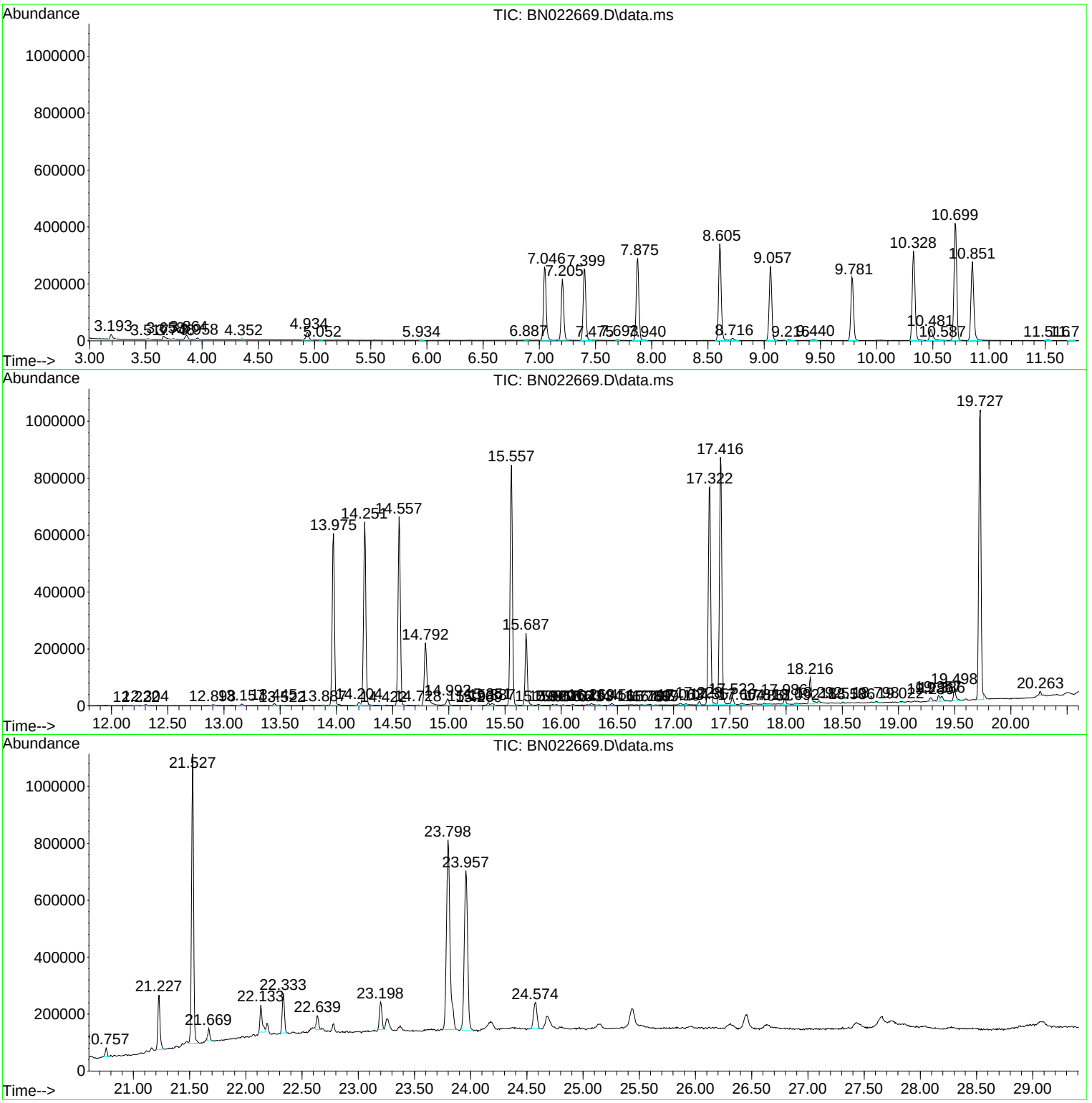
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

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 : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

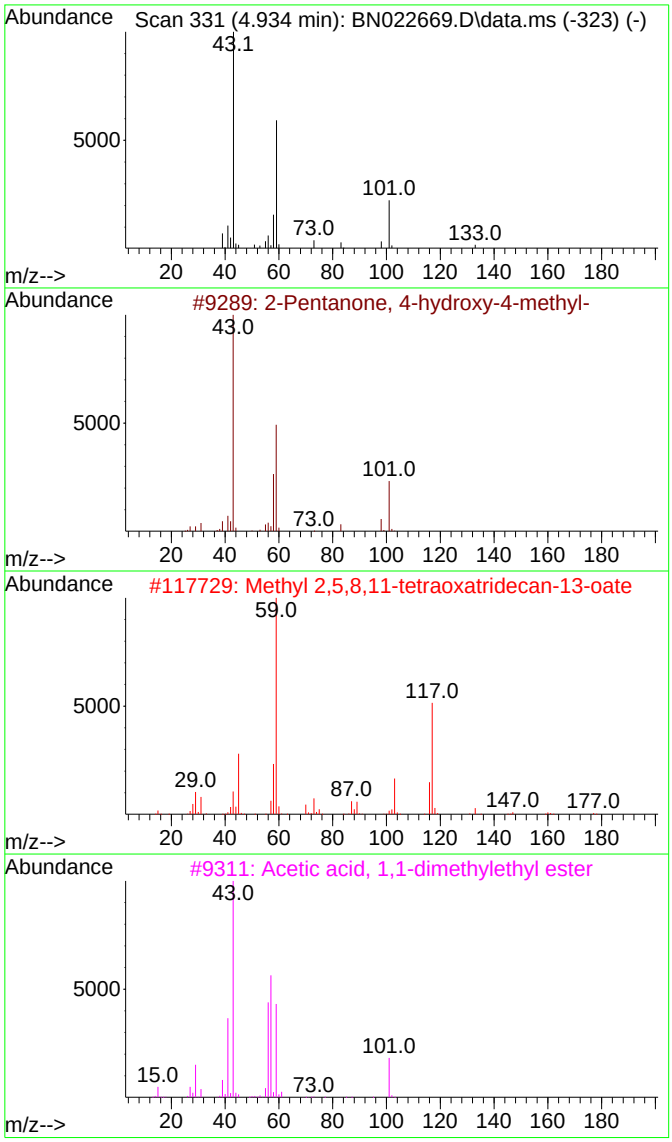
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

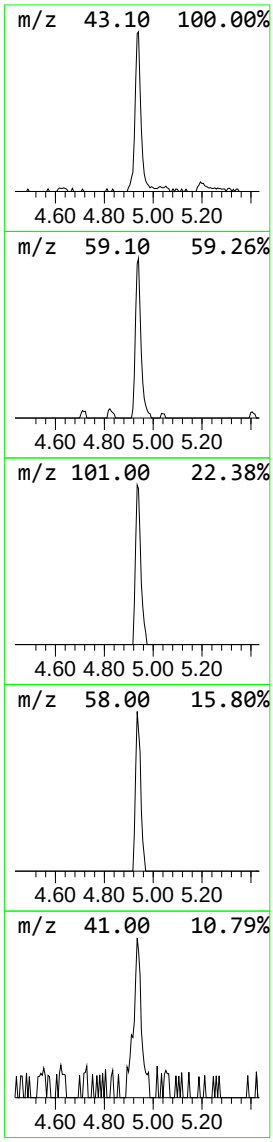
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.934	2.08 ng/ul	48623	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	43
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
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Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

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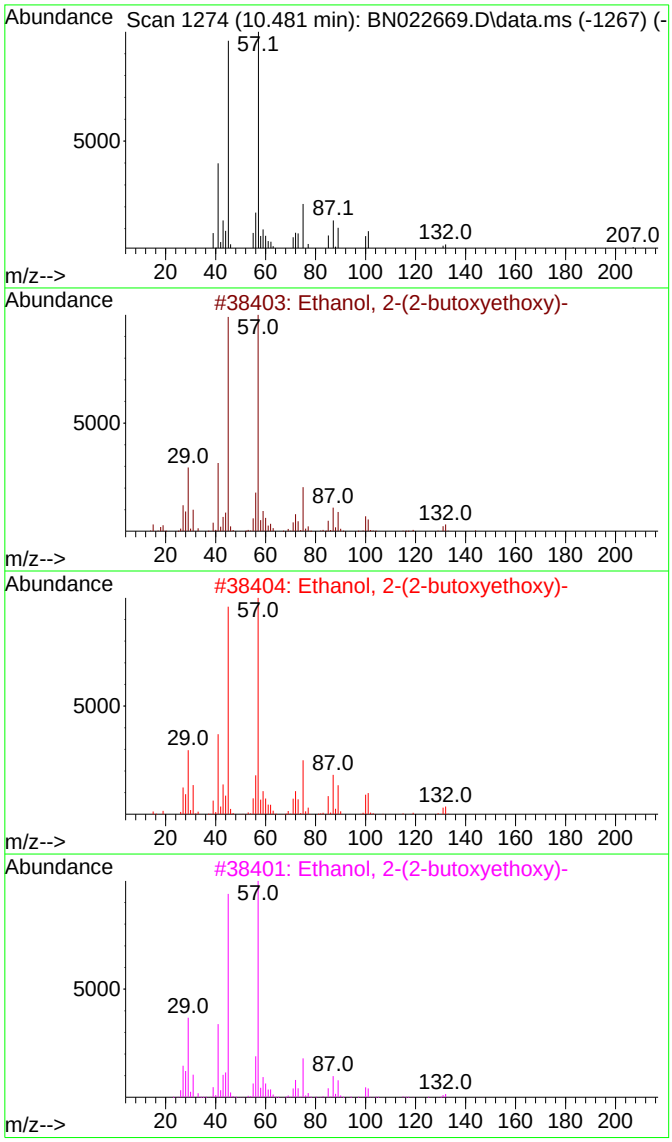
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

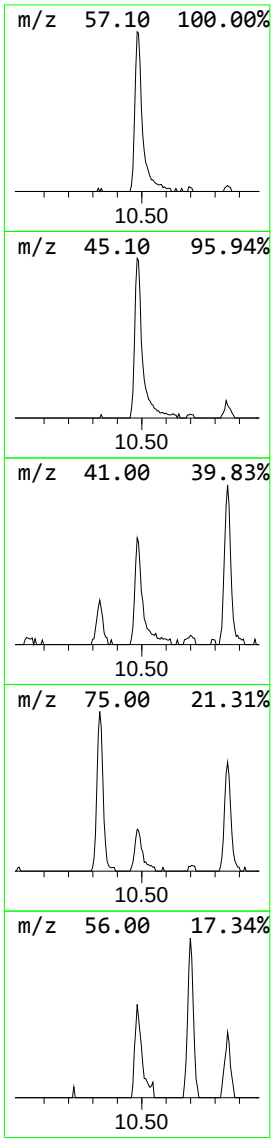
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.481	2.36 ng/ul	81293	Naphthalene-d8	10.698

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	83
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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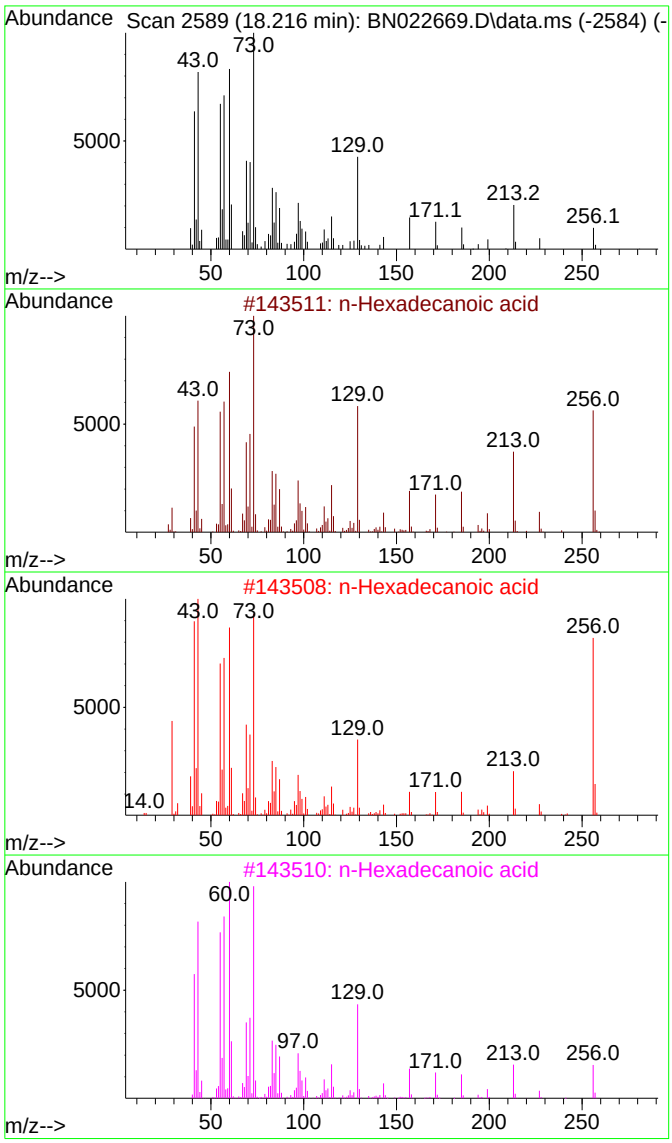
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

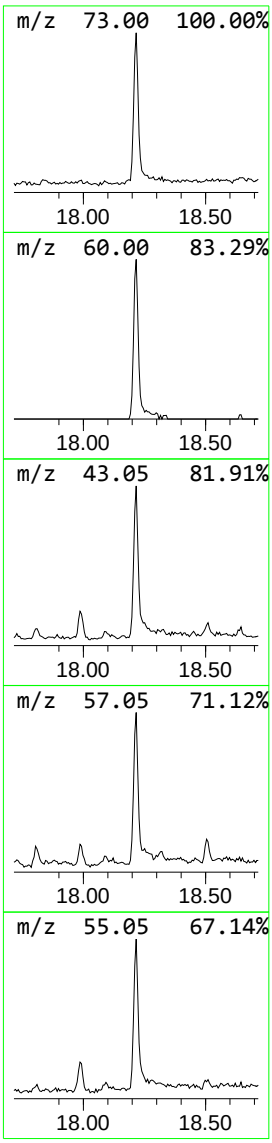
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	2.28 ng/ul	129726	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	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Instrument :
BNA_N
ClientSampleId :
C9840

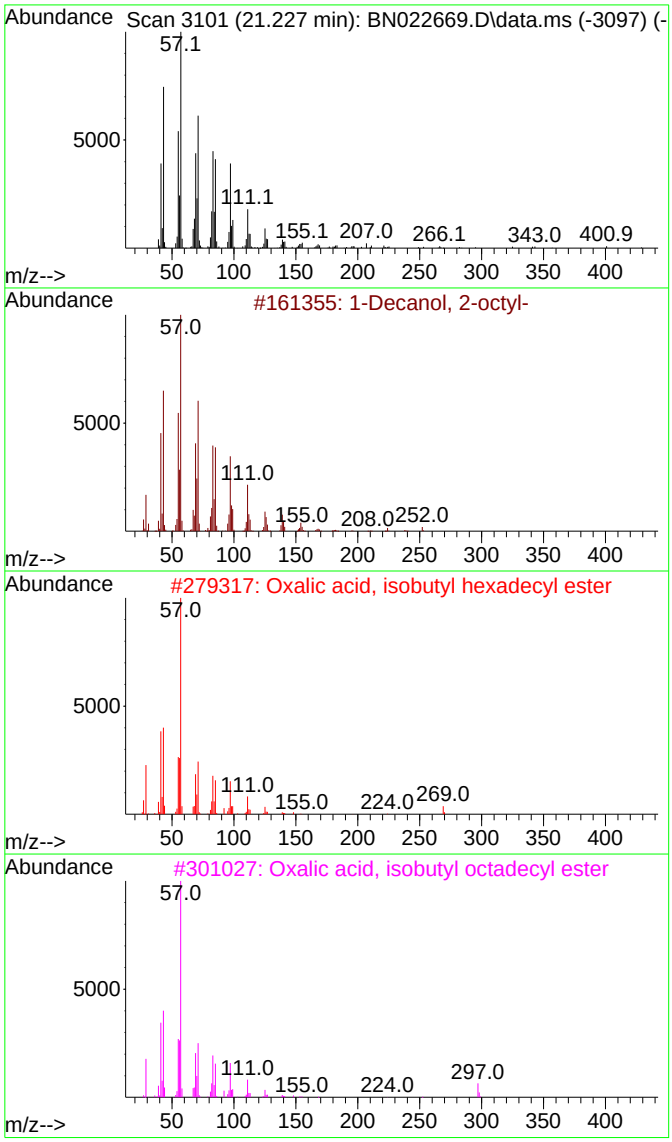
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

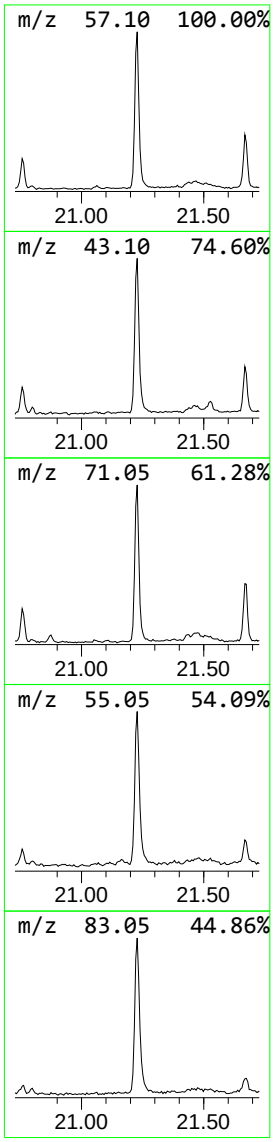
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Decanol, 2-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	3.93 ng/ul	247380	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
3	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	91
4	Eicosyl nonyl ether	424	C29H60O	1000406-37-8	91
5	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

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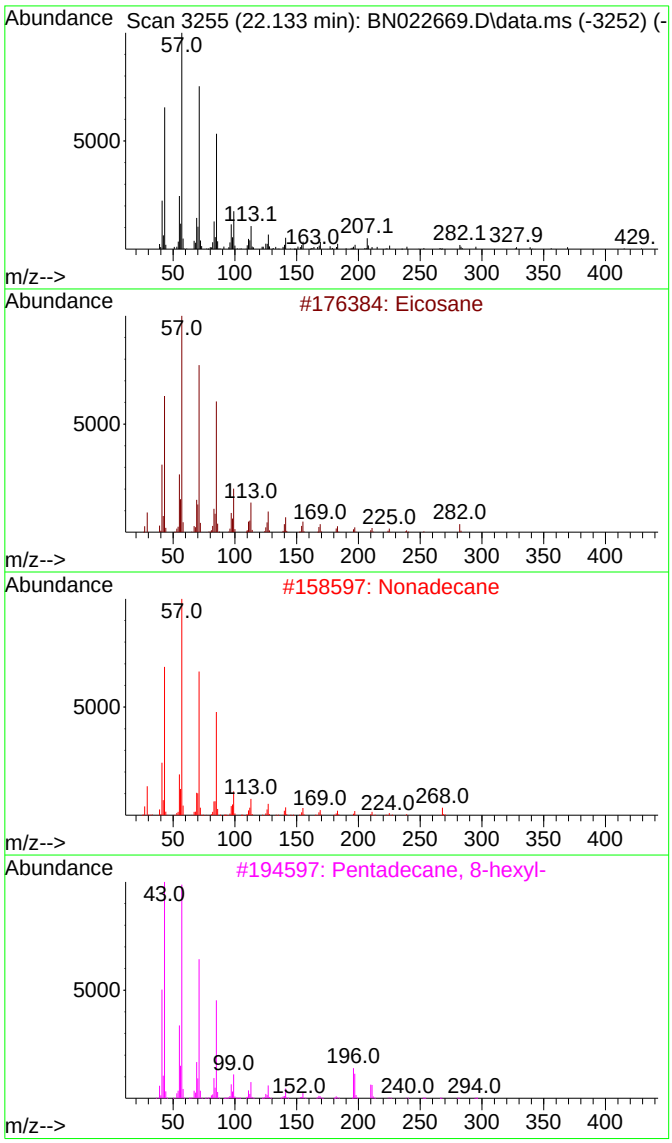
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

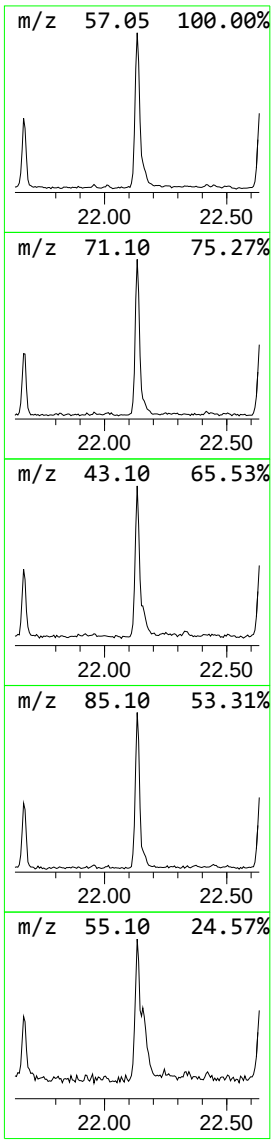
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.133	2.14 ng/ul	134662	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

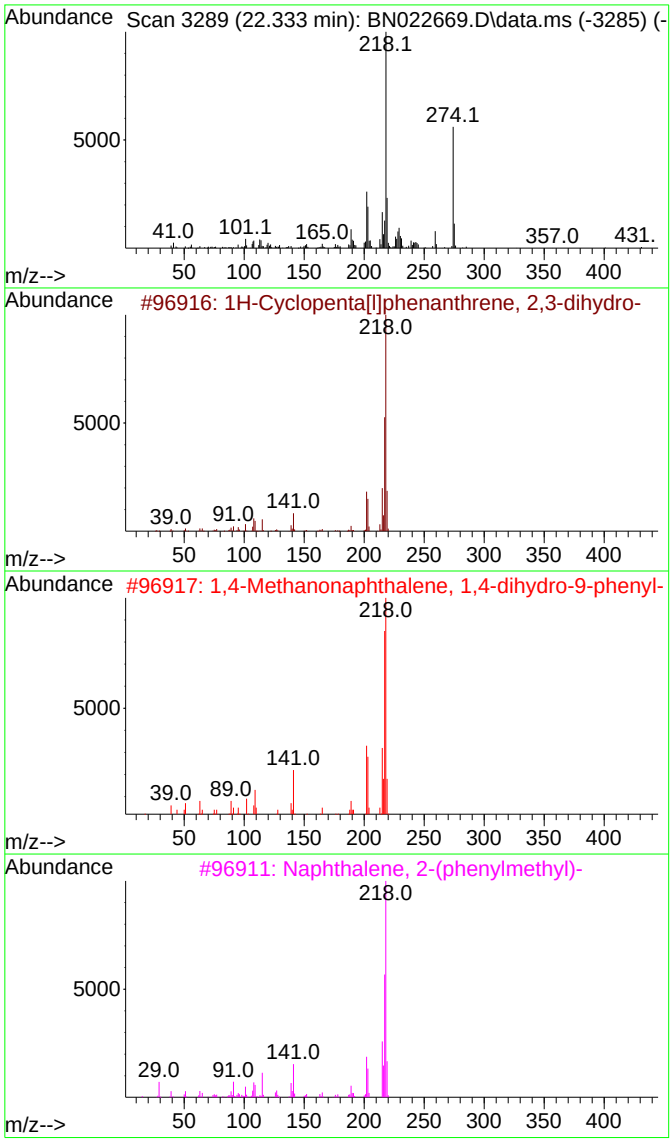
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

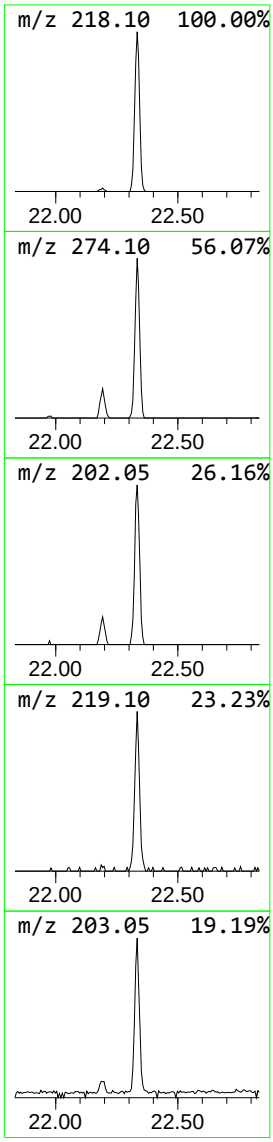
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopenta[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.333	2.99 ng/ul	187873	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	53
2	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	53
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	49
4	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	46
5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

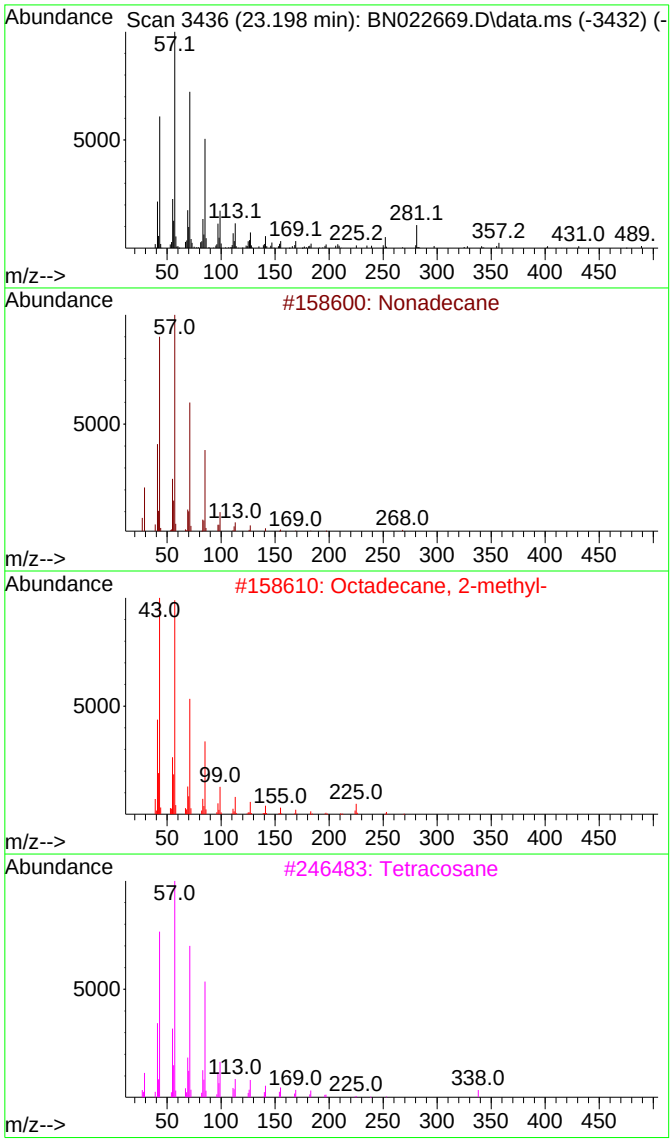
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

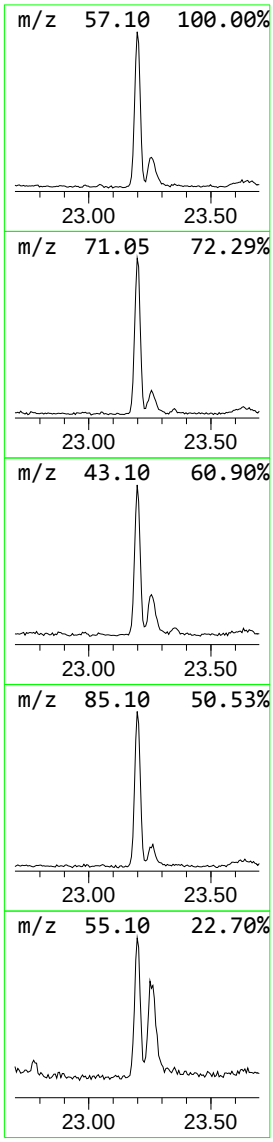
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.198	2.57 ng/ul	149386	Perylene-d12	23.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
3	Tetracosane	338	C24H50	000646-31-1	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

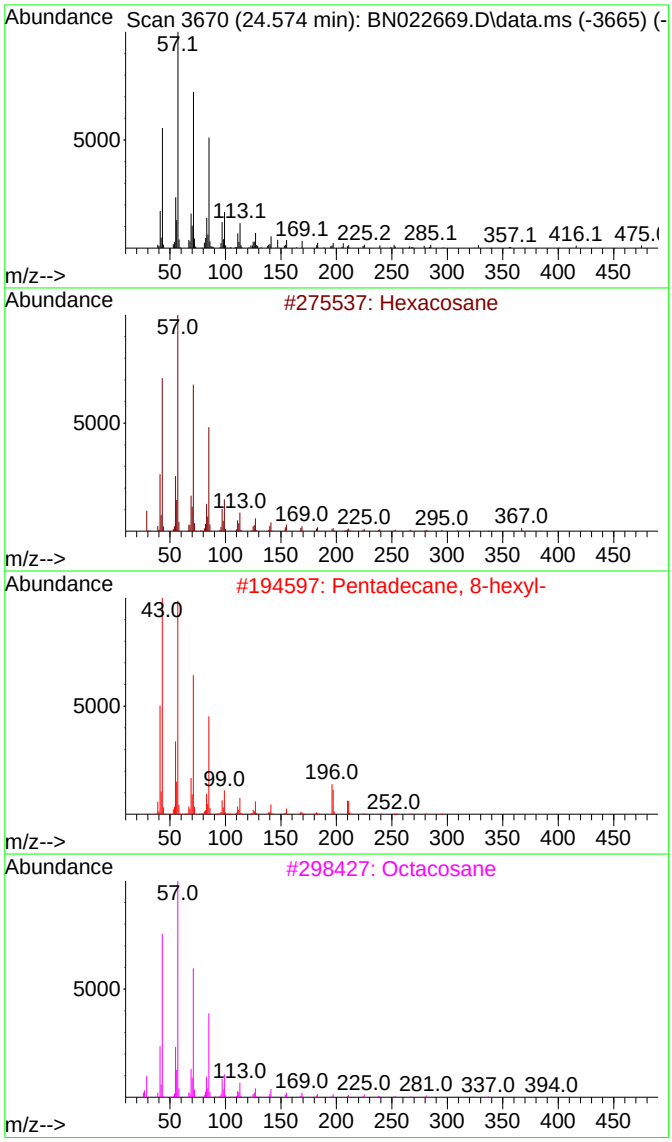
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

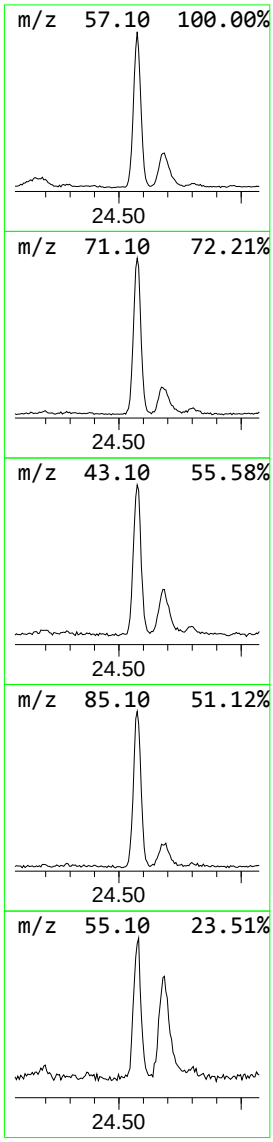
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.574	3.41 ng/ul	197852	Perylene-d12	23.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Octacosane	394	C28H58	000630-02-4	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111522\
Data File : BN022669.D
Acq On : 16 Nov 2022 03:23
Operator : CG/JU
Sample : N5577-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C9840

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
2-Pentanone, 4-...	4.934	2.1	ng/ul	48623	1	7.875	466830	20.0
Ethanol, 2-(2-b...	10.481	2.4	ng/ul	81293	2	10.698	690260	20.0
n-Hexadecanoic ...	18.216	2.3	ng/ul	129726	4	17.322	1138400	20.0
1-Decanol, 2-oc...	21.227	3.9	ng/ul	247380	5	21.527	1258330	20.0
(DEL) Alkane: S...	22.133	2.1	ng/ul	134662	5	21.527	1258330	20.0
1H-Cyclopenta[l...	22.333	3.0	ng/ul	187873	5	21.527	1258330	20.0
(DEL) Alkane: S...	23.198	2.6	ng/ul	149386	6	23.963	1161050	20.0
(DEL) Alkane: S...	24.574	3.4	ng/ul	197852	6	23.963	1161050	20.0