LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB8Z4

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-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022377.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.246	40	44	53	rVB	35769	50282	2.49%	0.162%
2	3.546	92	95	104	rVB	17359	25539	1.26%	0.082%
3	3.699	116	121	134	rBV	70472	119201	5.90%	0.384%
4	3.799	134	138	144	rVV	78549	102945	5.10%	0.331%
5	3.875	147	151	154	rVV	10788	14953	0.74%	0.048%
6	3.917	154	158	164	rVB	40212	65040	3.22%	0.209%
7	4.017	171	175	183	rVB	23670	34920	1.73%	0.112%
8	4.411	237	242	247	rBV	11130	15874	0.79%	0.051%
9	4.599	270	274	282	rVB	17636	26318	1.30%	0.085%
10	4.969	332	337	339	rBV	26500	37925	1.88%	0.122%
11	5.081	349	356	363	rBV	11334	19466	0.96%	0.063%
12	5.881	488	492	500	rBV7	2944	7032	0.35%	0.023%
13	7.093	689	698	710	rBV	521647	882936	43.72%	2.842%
14	7.258	717	726	740	rBV	456188	734952	36.40%	2.366%
15	7.458	753	760	770	rBV	538015	861411	42.66%	2.773%
16	7.534	770	773	780	rVV5	5837	11051	0.55%	0.036%
17	7.752	804	810	814	rVB3	4488	7868	0.39%	0.025%
18	7.934	833	841	848	rBV	628953	1014214	50.23%	3.264%
19	7.993	848	851	858	rVB3	4740	8507	0.42%	0.027%
20	8.193	881	885	890	rBV4	3892	7501	0.37%	0.024%
21	8.652	956	963	972	rBV	435144	712999	35.31%	2.295%
22	8.775	979	984	990	rVB2	11554	18645	0.92%	0.060%
23	9.110	1034	1041	1050	rBV	500276	813004	40.26%	2.617%
24	9.275	1064	1069	1075	rVB3	6812	11866	0.59%	0.038%
25	9.499	1100	1107	1112	rBV2	9261	15647	0.77%	0.050%
26	9.840	1158	1165	1177	rBV	389259	642895	31.84%	2.069%
27	10.381	1250	1257	1271	rBV	572267	952318	47.16%	3.065%
28	10.534	1277	1283	1300	rBV	117222	241138	11.94%	0.776%
29	10.757	1311	1321	1328	rBV	818730	1407409	69.70%	4.530%
30	10.810	1328	1330	1336	rVB2	6826	8827	0.44%	0.028%
31	10.904	1336	1346	1366	rBV	337786	614143	30.41%	1.977%
32	12.357	1589	1593	1597	rVV2	10060	14184	0.70%	0.046%
33	13.416	1768	1773	1781	rVV4	7338	15503	0.77%	0.050%
34	13.498	1781	1787	1792	rVV	21811	37243	1.84%	0.120%
35	13.545	1792	1795	1798	rVV4	3924	7130	0.35%	0.023%
36	13.869	1844	1850	1855	rBV6	3092	7064	0.35%	0.023%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

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-BN101222.M
Title : SVOA CALIBRATION

37	13.922	1855	1859	1864	rVV4	8081	14027	0.69%	0.045%
38	14.016	1867	1875	1882	rVV	859535	1223330	60.58%	3.938%
39	14.075	1882	1885	1890	rVV	12437	16903	0.84%	0.054%
40	14.298	1917	1923	1933	rVV2	1025921	1524656	75.50%	4.907%
41	14.381	1935	1937	1941	rVV4	7147	10079	0.50%	0.032%
42	14.434	1941	1946	1951	rVV5	4215	8563	0.42%	0.028%
43	14.492	1951	1956	1961	rVV6	4839	8271	0.41%	0.027%
44	14.604	1969	1975	1982	rBV	1018546	1536281	76.08%	4.945%
45	14.669	1982	1986	1991	rVB	12008	17236	0.85%	0.055%
46	14.816	2005	2011	2023	rBV	229964	386209	19.13%	1.243%
47	14.969	2032	2037	2041	rBV2	13751	22382	1.11%	0.072%
48	15.034	2041	2048	2054	rVB4	28219	54204	2.68%	0.174%
49	15.398	2104	2110	2113	rBV3	6197	10262	0.51%	0.033%
50	15.445	2113	2118	2123	rVB2	5508	8279	0.41%	0.027%
51	15.604	2138	2145	2151	rBV	1238673	1794965	88.89%	5.777%
52	15.657	2151	2154	2161	rVB2	21871	30407	1.51%	0.098%
53	15.728	2161	2166	2174	rBV	208994	298828	14.80%	0.962%
54	15.845	2183	2186	2194	rVB7	8019	13635	0.68%	0.044%
55	16.057	2218	2222	2228	rBV8	5647	8481	0.42%	0.027%
56	16.334	2262	2269	2274	rVB5	13356	30225	1.50%	0.097%
57	16.757	2337	2341	2345	rVB6	4293	7566	0.37%	0.024%
58	16.898	2361	2365	2370	rVB2	16517	21545	1.07%	0.069%
59	17.022	2379	2386	2389	rBV7	4344	8138	0.40%	0.026%
60	17.116	2398	2402	2406	rBV2	16882	27246	1.35%	0.088%
61	17.233	2418	2422	2424	rBV5	5440	8827	0.44%	0.028%
62	17.275	2425	2429	2434	rVV2	20050	28249	1.40%	0.091%
63	17.363	2438	2444	2449	rVV	1053126	1526683	75.60%	4.914%
64	17.404	2449	2451	2455	rVV	106792	129202	6.40%	0.416%
65	17.463	2455	2461	2472	rVV	1090786	1578610	78.17%	5.081%
66	17.557	2474	2477	2484	rVB7	12800	19245	0.95%	0.062%
67	17.651	2489	2493	2499	rVV2	6958	12429	0.62%	0.040%
68	17.775	2511	2514	2520	rVB	13126	20718	1.03%	0.067%
69	17.851	2524	2527	2530	rBV2	7586	9296	0.46%	0.030%
70	17.892	2531	2534	2539	rBV7	4300	7220	0.36%	0.023%
71	18.033	2553	2558	2563	rBV	26698	36384	1.80%	0.117%
72	18.251	2590	2595	2600	rBV2	65448	98104	4.86%	0.316%
73	18.292	2600	2602	2605	rVV	18129	23652	1.17%	0.076%
74	18.333	2605	2609	2614	rVB	91053	118887	5.89%	0.383%
75	18.439	2623	2627	2631	rBV2	18643	30121	1.49%	0.097%
76	18.551	2642	2646	2650	rBV3	12798	18961	0.94%	0.061%

LSC Area Percent Report

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Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

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-BN101222.M
Title : SVOA CALIBRATION

77	18.604	2650	2655	2658	rBV6	12269	23495	1.16%	0.076%
78	18.686	2665	2669	2672	rVB	25106	33150	1.64%	0.107%
79	18.751	2677	2680	2684	rVV3	12657	17836	0.88%	0.057%
80	18.792	2685	2687	2691	rVB5	9193	10519	0.52%	0.034%
81	19.004	2720	2723	2728	rVB4	17167	21918	1.09%	0.071%
82	19.427	2787	2795	2800	rVB	200506	280831	13.91%	0.904%
83	19.533	2810	2813	2818	rBV5	21509	26740	1.32%	0.086%
84	19.763	2846	2852	2865	rBV2	1359261	2019340	100.00%	6.500%
85	20.292	2939	2942	2947	rVB2	63791	83501	4.14%	0.269%
86	20.504	2974	2978	2987	rVB	117303	150946	7.48%	0.486%
87	20.792	3025	3027	3031	rVB2	40144	43493	2.15%	0.140%
88	21.204	3093	3097	3101	rBV3	62313	105971	5.25%	0.341%
89	21.263	3103	3107	3116	rVB2	160788	291718	14.45%	0.939%
90	21.410	3129	3132	3137	rBV4	67528	113537	5.62%	0.365%
91	21.469	3139	3142	3146	rVB	83576	96493	4.78%	0.311%
92	21.563	3152	3158	3162	rBV	1110076	1514029	74.98%	4.873%
93	21.598	3162	3164	3169	rVB2	87332	102688	5.09%	0.331%
94	22.174	3258	3262	3265	rBV	187079	234704	11.62%	0.755%
95	22.233	3269	3272	3278	rVB	223478	289273	14.33%	0.931%
96	22.374	3292	3296	3305	rVB	297879	451013	22.33%	1.452%
97	23.251	3440	3445	3452	rBV2	408451	734988	36.40%	2.366%
98	23.857	3542	3548	3564	rVB2	815255	1951358	96.63%	6.281%
99	24.021	3569	3576	3584	rVB2	686669	1416819	70.16%	4.560%
100	24.645	3676	3682	3693	rVB	339211	737626	36.53%	2.374%

Sum of corrected areas: 31068242

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Data File : BN022377.D
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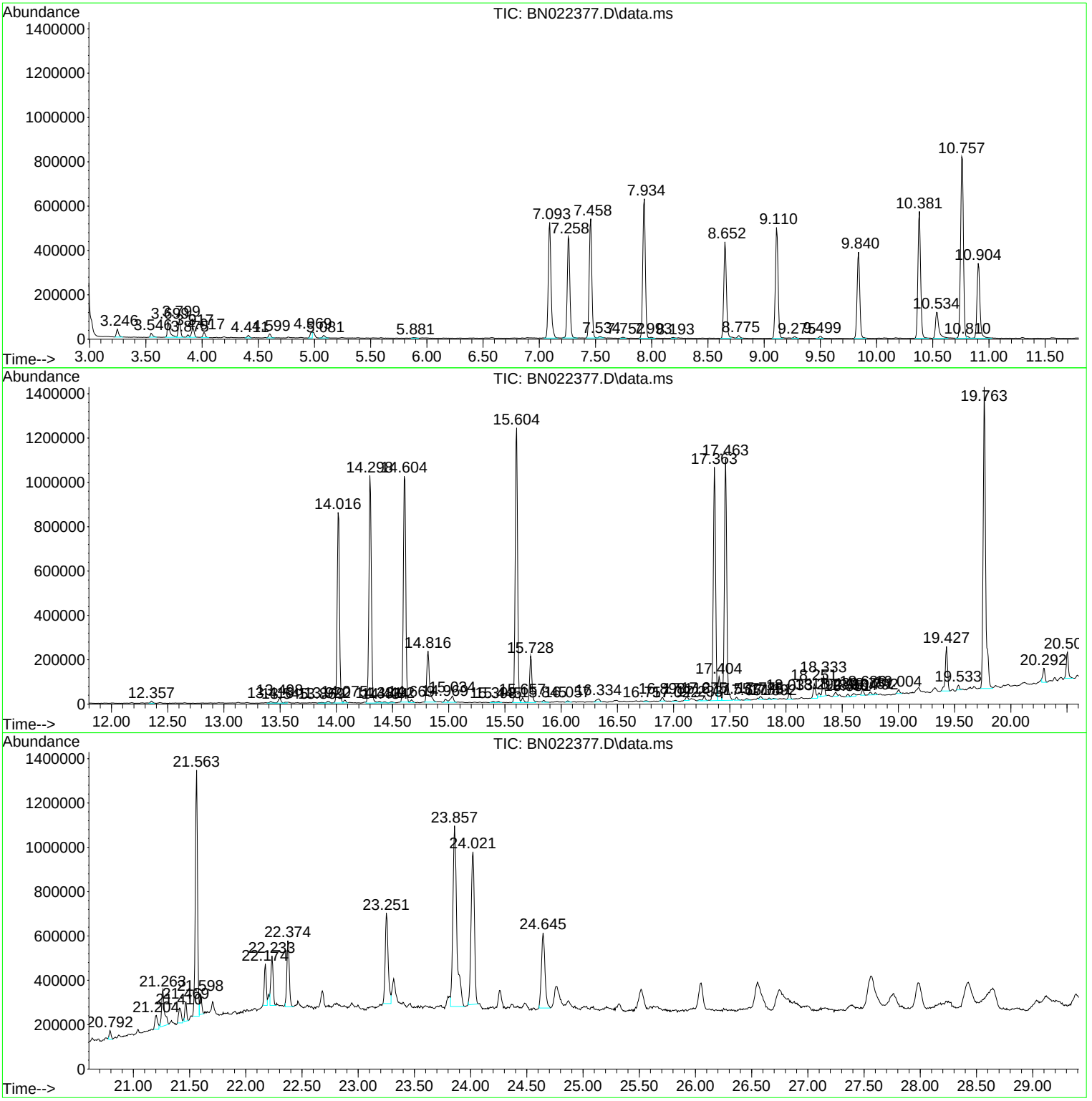
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
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Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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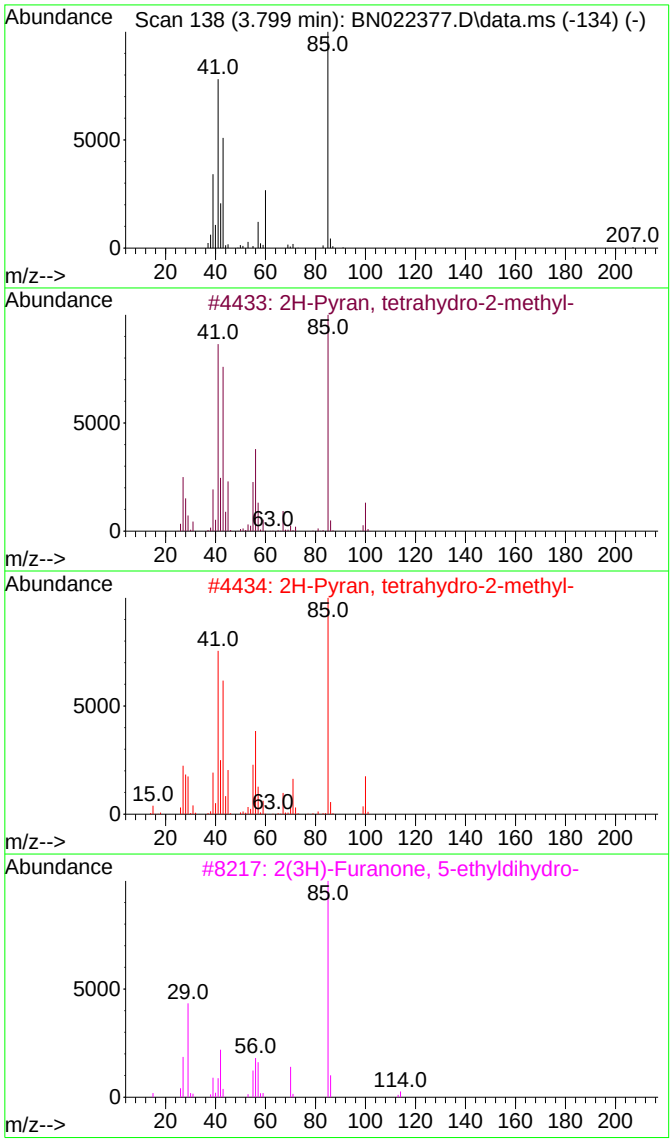
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

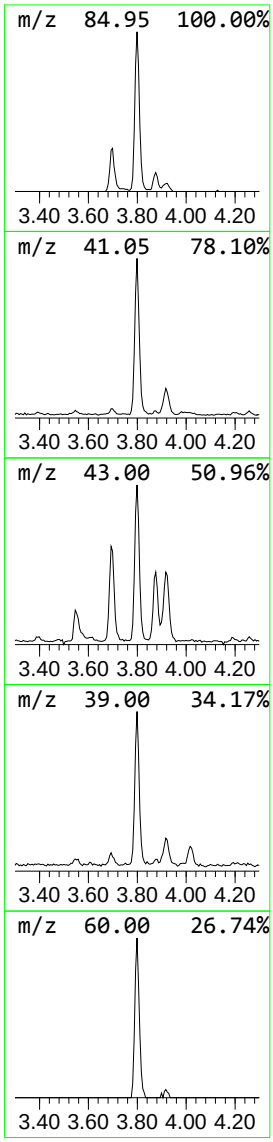
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.799	2.03 ng/ul	102945	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	39
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	33
4	2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
5	Thiazole	85	C3H3NS	000288-47-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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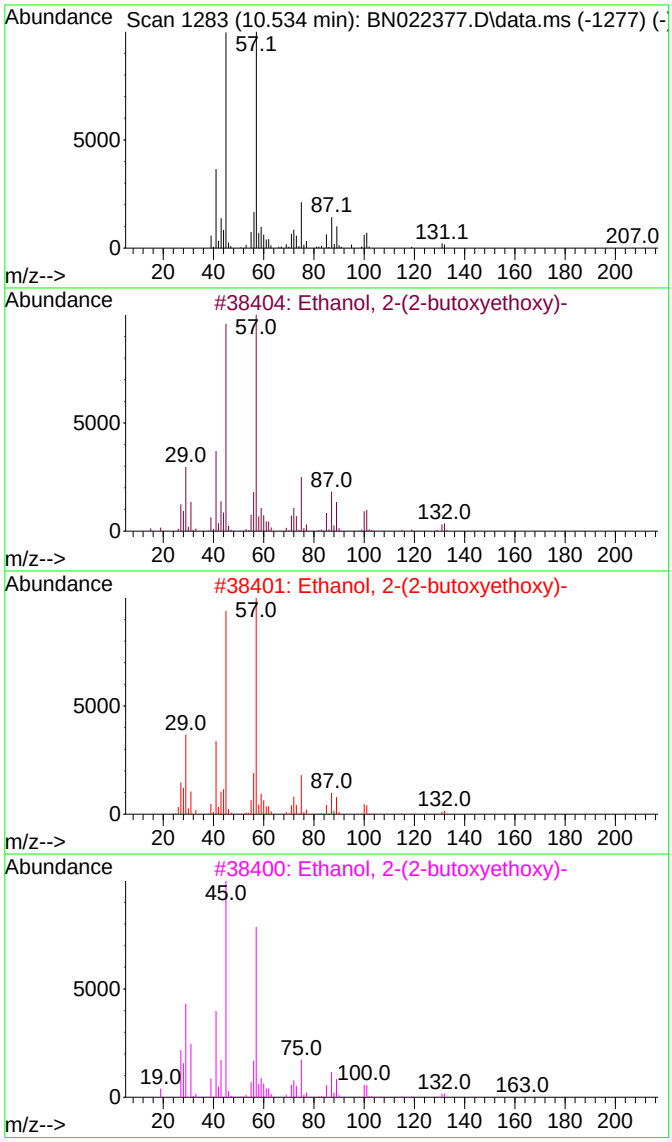
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

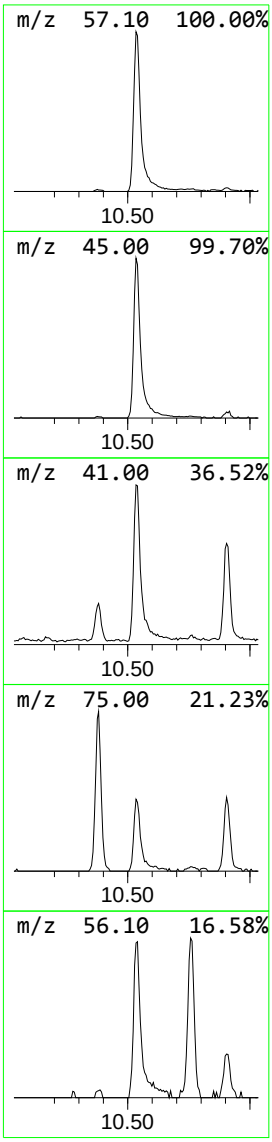
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.534	3.43 ng/ul	241138	Naphthalene-d8	10.757

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	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

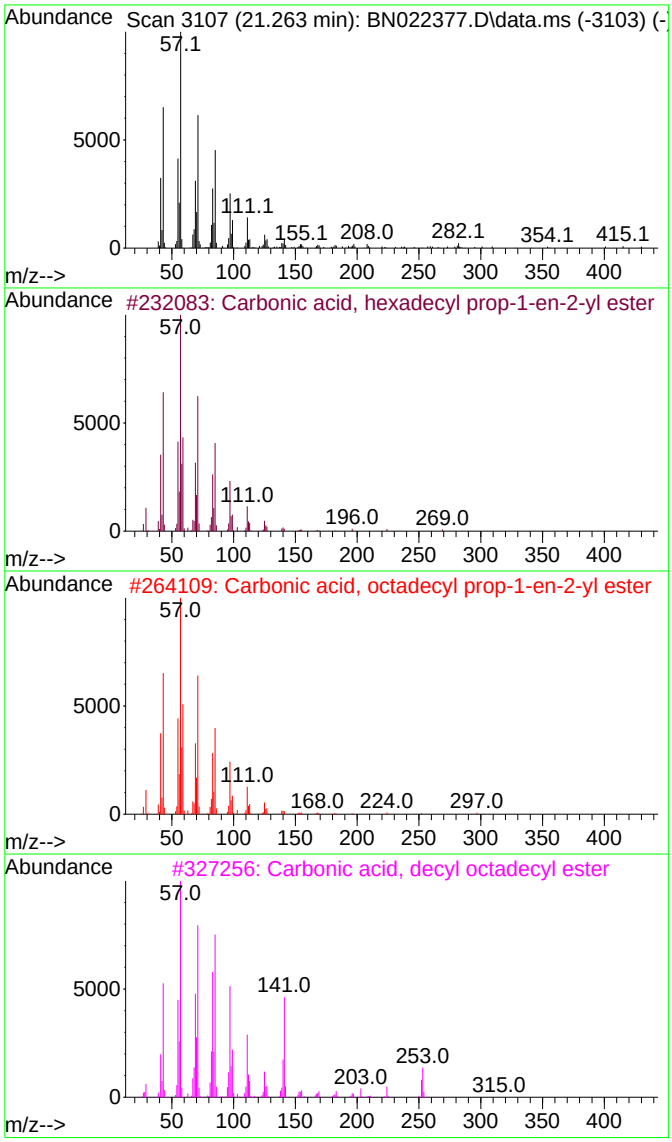
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

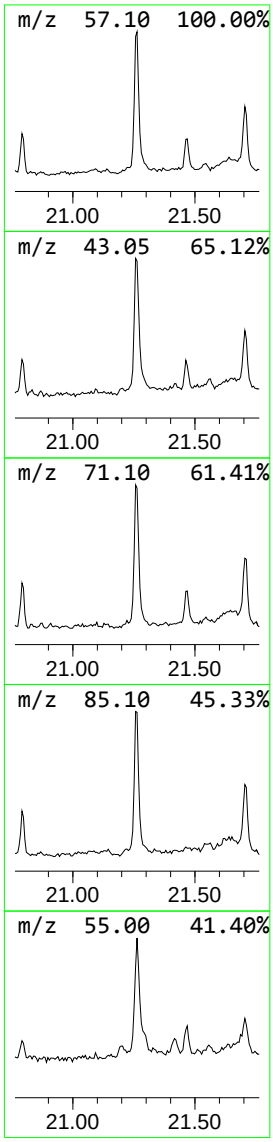
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, hexadecyl pr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.263	3.85 ng/ul	291718	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	91
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	91
3	Carbonic acid, decyl octadecyl e...	454	C29H58O3	1000383-16-7	90
4	1-Heptadecene	238	C17H34	006765-39-5	89
5	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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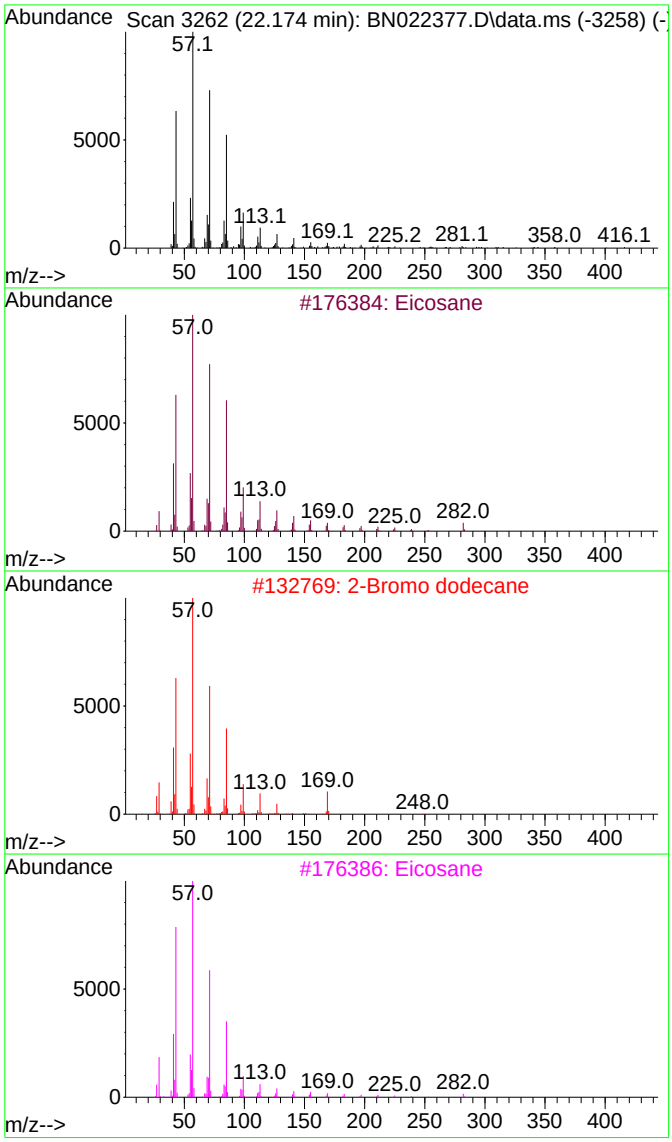
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

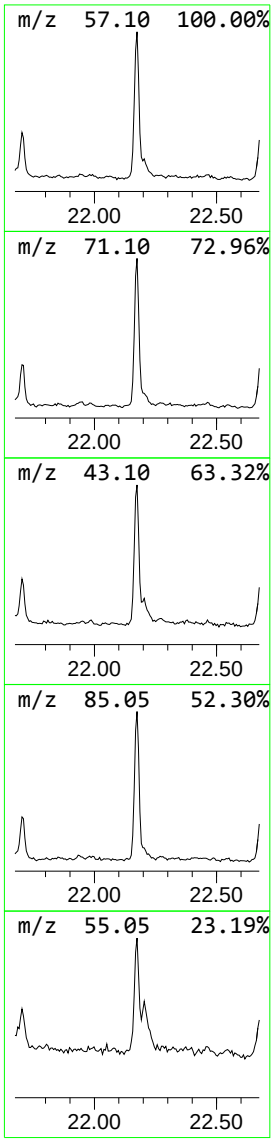
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.174	3.10 ng/ul	234704	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

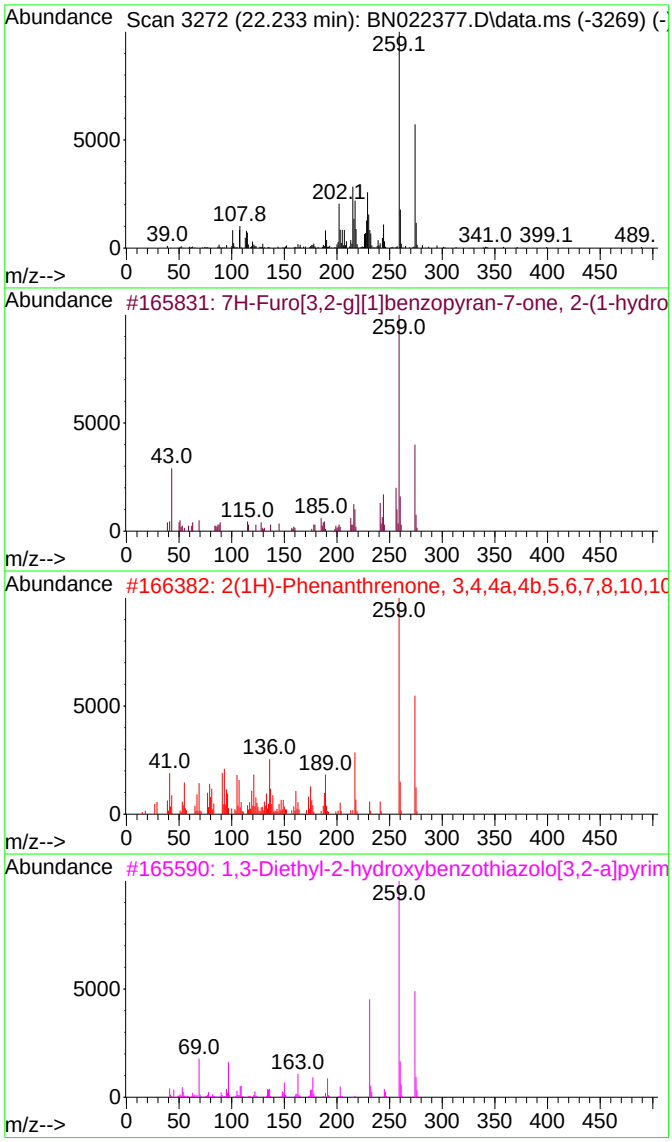
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

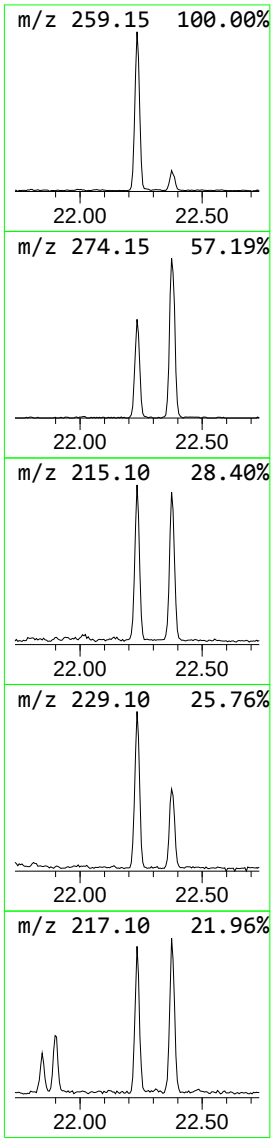
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 7H-Furo[3,2-g][1]benzopyran... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.233	3.82 ng/ul	289273	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Furo[3,2-g][1]benzopyran-7-on...	274	C15H14O5	054087-32-0	70
2	2(1H)-Phenanthrenone, 3,4,4a,4b,...	274	C19H30O	007715-44-8	49
3	1,3-Diethyl-2-hydroxybenzothiazo...	274	C14H14N2O2S	1000227-15-3	47
4	Benzenamine, 4-nitro-N-(4-nitrop...	259	C12H9N3O4	001821-27-8	43
5	9-Methyl-3-phenyl-9H-pyridazino(...	259	C17H13N3	003980-90-3	43





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Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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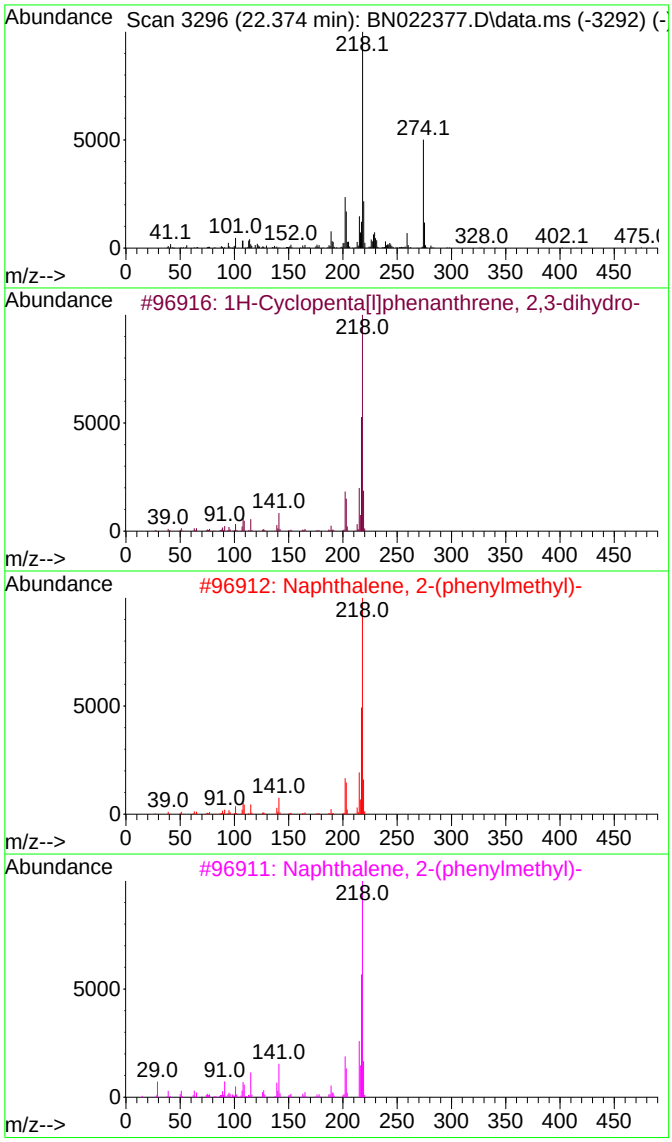
Quant Title : SVOA CALIBRATION

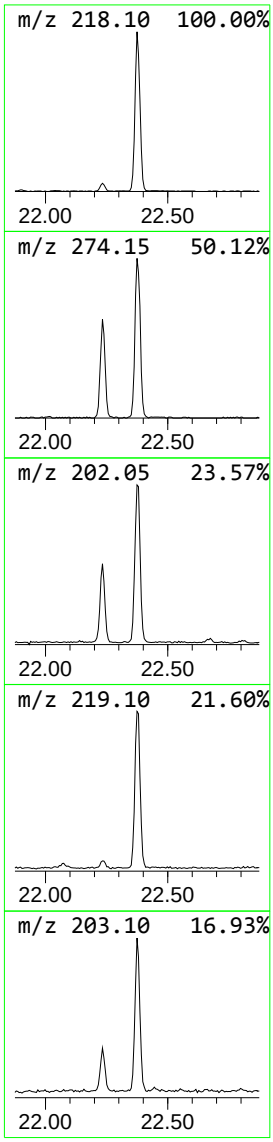
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopenta[l]phenanthren... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.374	5.96 ng/ul	451013	Chrysene-d12	21.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	58
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	58
3	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	53
4	3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	50
5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

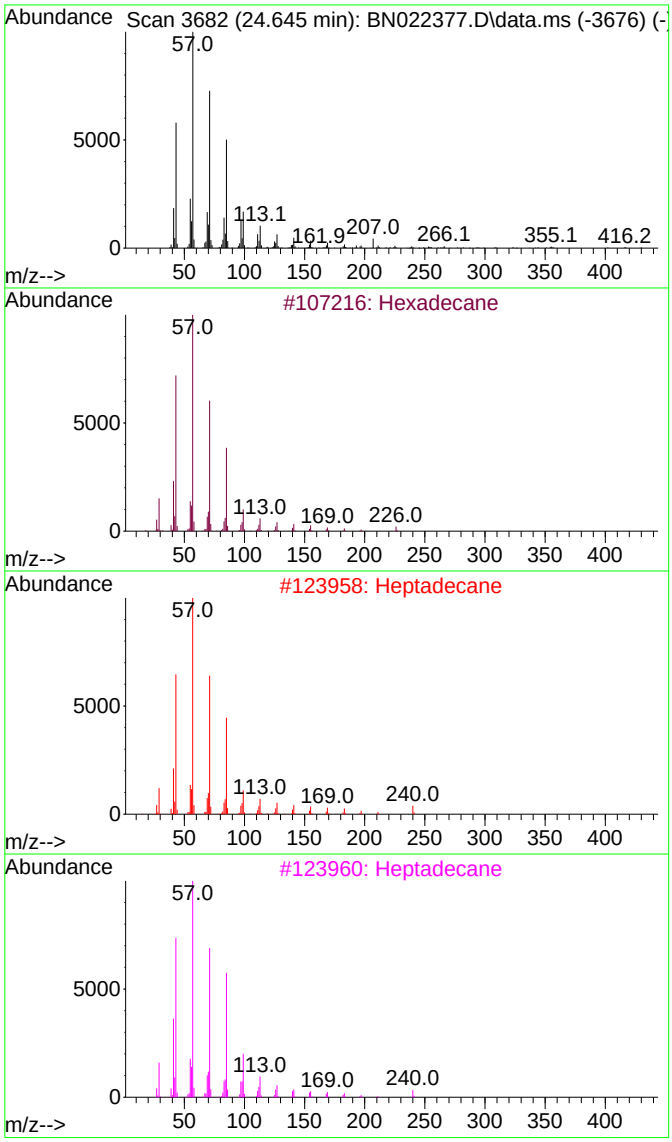
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

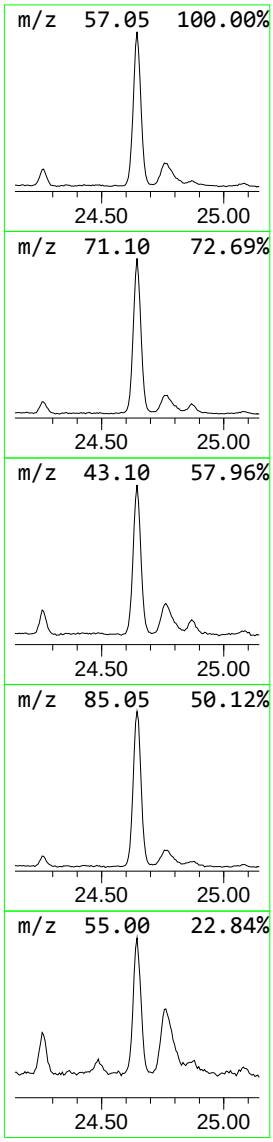
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.645	10.41 ng/ul	737626	Perylene-d12	24.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane	240	C17H36	000629-78-7	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102922\
Data File : BN022377.D
Acq On : 28 Oct 2022 00:52
Operator : CG/JU
Sample : N5137-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB8Z4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.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
unknown-01	3.799	2.0	ng/ul	102945	1	7.934	1014210	20.0
Ethanol, 2-(2-b...	10.534	3.4	ng/ul	241138	2	10.757	1407410	20.0
Carbonic acid, ...	21.263	3.9	ng/ul	291718	5	21.563	1514030	20.0
(DEL) Alkane: S...	22.174	3.1	ng/ul	234704	5	21.563	1514030	20.0
7H-Furo[3,2-g][...	22.233	3.8	ng/ul	289273	5	21.563	1514030	20.0
1H-Cyclopenta[l...	22.374	6.0	ng/ul	451013	5	21.563	1514030	20.0
(DEL) Alkane: S...	24.645	10.4	ng/ul	737626	6	24.021	1416820	20.0