LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024881.D
Acq On : 14 Apr 2023 04:55
Operator : CG/JU
Sample : 02275-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BHDZ2

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-BN041023.M
Title : SVOA CALIBRATION

Signal : TIC: BN024881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.275	9	15	39	rVB	2114267	3911422	13.23%	2.689%
2	3.740	92	94	116	rBV	488867	905012	3.06%	0.622%
3	4.070	146	150	157	rVB	33966	52111	0.18%	0.036%
4	4.193	166	171	176	rVB	22404	37360	0.13%	0.026%
5	4.428	208	211	218	rVB6	14534	32783	0.11%	0.023%
6	4.611	235	242	258	rBV	17323197	29569870	100.00%	20.327%
7	5.005	306	309	318	rVB6	15975	32707	0.11%	0.022%
8	5.222	338	346	354	rVB	59648	103204	0.35%	0.071%
9	5.352	362	368	376	rVB	262984	394820	1.34%	0.271%
10	5.928	460	466	472	rBV2	19760	31099	0.11%	0.021%
11	7.099	657	665	674	rBV	398122	645080	2.18%	0.443%
12	7.263	687	693	706	rBV	1412221	2230581	7.54%	1.533%
13	7.463	720	727	737	rBV	1358783	2129290	7.20%	1.464%
14	7.940	799	808	822	rBV	1500239	2551633	8.63%	1.754%
15	8.293	862	868	873	rBV	38025	59051	0.20%	0.041%
16	8.646	920	928	939	rBV	1089235	1752596	5.93%	1.205%
17	9.105	999	1006	1022	rBV	1739674	2874719	9.72%	1.976%
18	9.834	1122	1130	1141	rBV	1377163	2255173	7.63%	1.550%
19	10.087	1163	1173	1181	rVV	492448	973305	3.29%	0.669%
20	10.152	1181	1184	1192	rVB4	21125	44090	0.15%	0.030%
21	10.369	1213	1221	1233	rBV	1881671	3085214	10.43%	2.121%
22	10.752	1277	1286	1293	rBV	2144337	3544090	11.99%	2.436%
23	10.804	1293	1295	1300	rVB	30319	40403	0.14%	0.028%
24	10.893	1300	1310	1323	rBV	1853865	3118066	10.54%	2.143%
25	11.499	1404	1413	1418	rVV3	50326	109054	0.37%	0.075%
26	11.546	1418	1421	1424	rVV4	30523	48151	0.16%	0.033%
27	11.575	1424	1426	1434	rVB4	19593	33321	0.11%	0.023%
28	12.340	1550	1556	1561	rVB	34460	53875	0.18%	0.037%
29	13.404	1732	1737	1745	rVB2	32793	50228	0.17%	0.035%
30	13.993	1830	1837	1847	rBV	4008670	5349722	18.09%	3.677%
31	14.275	1878	1885	1898	rBV	4007333	6034014	20.41%	4.148%
32	14.587	1927	1938	1945	rBV	3102097	4650176	15.73%	3.197%
33	14.781	1964	1971	1983	rBV	327626	607279	2.05%	0.417%
34	14.987	2002	2006	2013	rVB7	23000	35490	0.12%	0.024%
35	15.575	2099	2106	2115	rBV	5656686	8016750	27.11%	5.511%
36	15.692	2119	2126	2138	rBV	2266855	2934935	9.93%	2.018%

LSC Area Percent Report

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Data File : BN024881.D
Acq On : 14 Apr 2023 04:55
Operator : CG/JU
Sample : 02275-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHDZ2

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-BN041023.M
Title : SVOA CALIBRATION

37	15.792	2139	2143	2145	rBV	27184	35142	0.12%	0.024%
38	15.939	2163	2168	2176	rBV	620098	824838	2.79%	0.567%
39	16.716	2297	2300	2310	rBV8	20664	35796	0.12%	0.025%
40	16.945	2334	2339	2345	rVB	84585	117360	0.40%	0.081%
41	17.128	2367	2370	2375	rVB6	19951	32211	0.11%	0.022%
42	17.281	2392	2396	2398	rBV2	27125	38065	0.13%	0.026%
43	17.334	2398	2405	2412	rVB	3816989	5551637	18.77%	3.816%
44	17.428	2415	2421	2430	rBV2	5910947	8743107	29.57%	6.010%
45	17.686	2460	2465	2480	rBV	883187	1466298	4.96%	1.008%
46	17.998	2515	2518	2523	rVB7	26931	32855	0.11%	0.023%
47	18.092	2531	2534	2539	rBV6	21750	35515	0.12%	0.024%
48	18.222	2551	2556	2567	rBV	671888	1010807	3.42%	0.695%
49	19.228	2724	2727	2730	rBV	43051	53559	0.18%	0.037%
50	19.286	2733	2737	2744	rBV2	86232	125715	0.43%	0.086%
51	19.357	2744	2749	2750	rBV2	148143	203761	0.69%	0.140%
52	19.492	2768	2772	2782	rBV	347879	518681	1.75%	0.357%
53	19.633	2792	2796	2801	rVB2	115095	184449	0.62%	0.127%
54	19.722	2806	2811	2826	rVB2	7697285	10490579	35.48%	7.211%
55	19.975	2851	2854	2859	rVB	128611	149774	0.51%	0.103%
56	20.463	2934	2937	2944	rBV2	120369	193610	0.65%	0.133%
57	21.222	3062	3066	3073	rBV	775110	1114561	3.77%	0.766%
58	21.522	3112	3117	3125	rVB	4516880	6149065	20.80%	4.227%
59	22.786	3327	3332	3339	rBV	715154	1058385	3.58%	0.728%
60	23.204	3399	3403	3407	rVB	217724	326343	1.10%	0.224%
61	23.810	3498	3506	3520	rBV2	5256149	11405327	38.57%	7.840%
62	23.963	3525	3532	3544	rVB2	3208281	6557893	22.18%	4.508%
63	24.568	3630	3635	3645	rVB	351196	721095	2.44%	0.496%

Sum of corrected areas: 145473102

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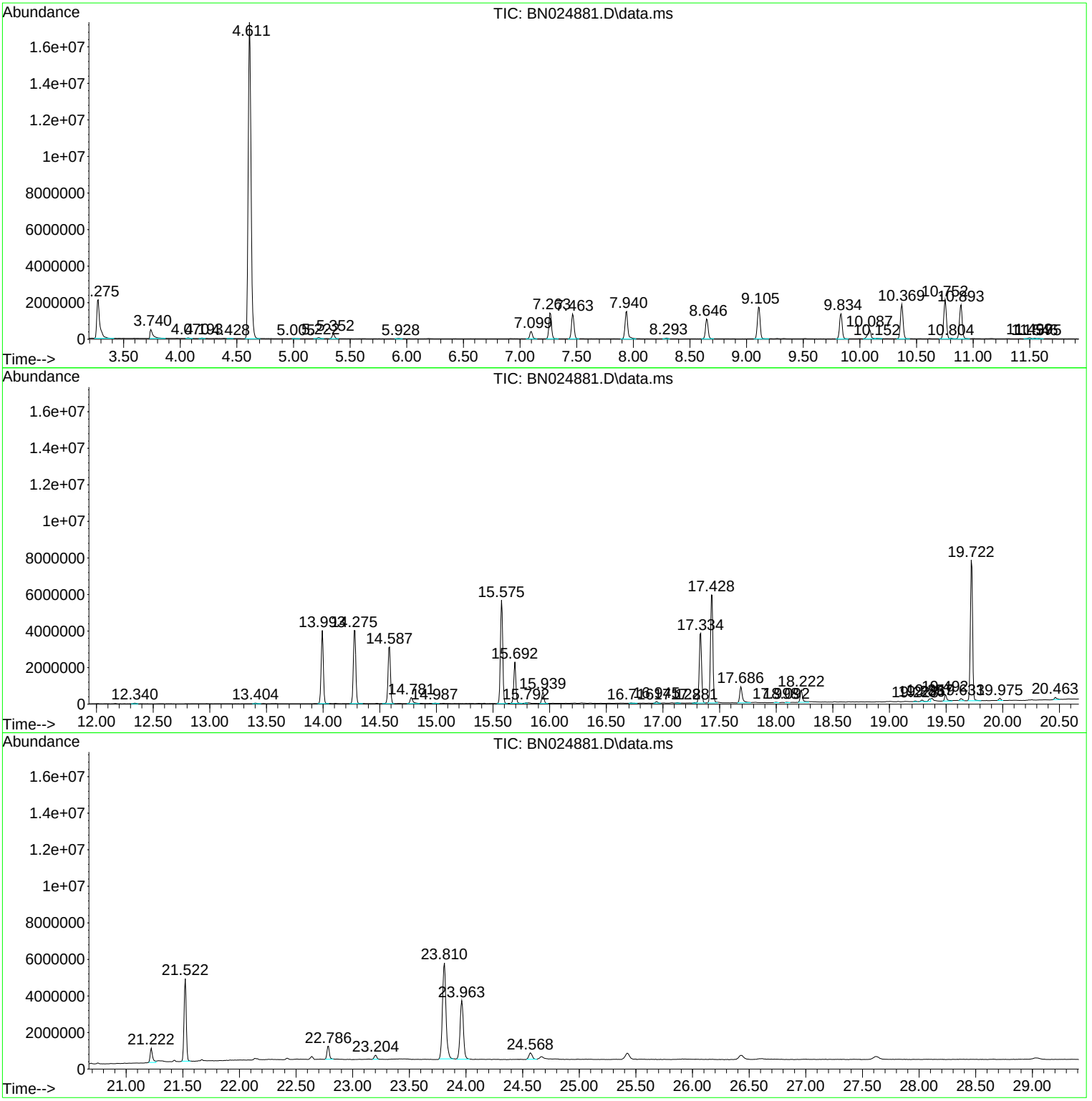
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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



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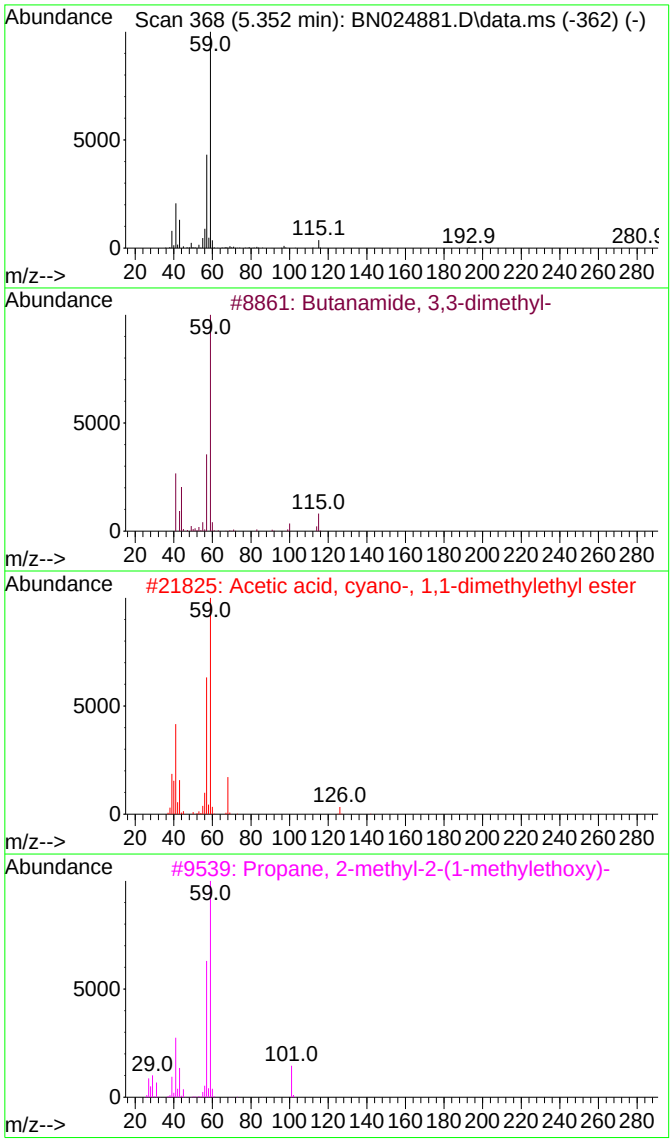
Quant Title : SVOA CALIBRATION

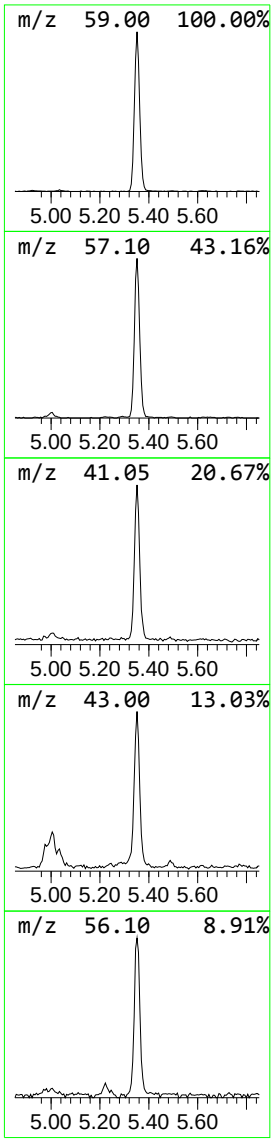
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butanamide, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.352	3.09 ng/ul	394820	1,4-Dichlorobenzene-d4	7.940

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide, 3,3-dimethyl-	115	C6H13NO	000926-04-5	78
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	40
4	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9
5	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	9





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Data File : BN024881.D
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Sample : 02275-06
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

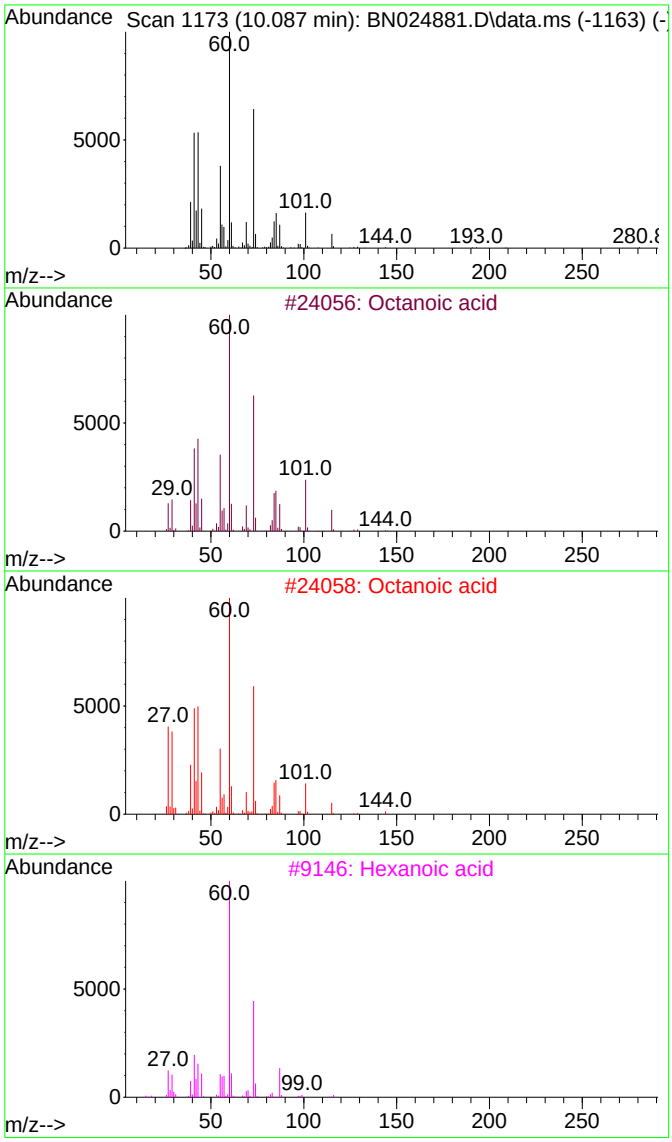
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

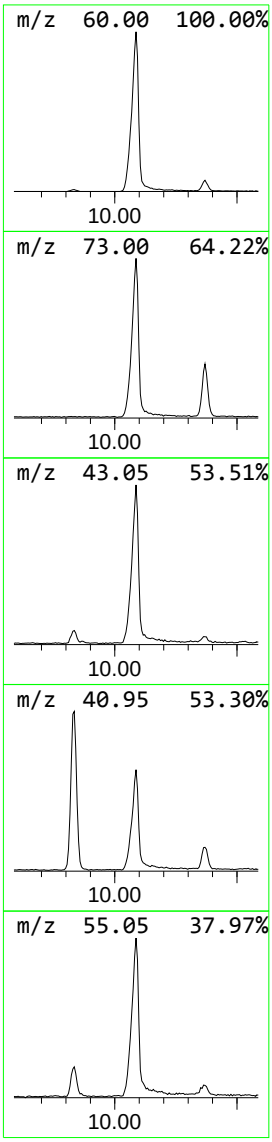
****

Peak Number 3 Octanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.087	5.49 ng/ul	973305	Naphthalene-d8	10.752

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	95
2	Octanoic acid	144	C8H16O2	000124-07-2	90
3	Hexanoic acid	116	C6H12O2	000142-62-1	72
4	Hexanoic acid	116	C6H12O2	000142-62-1	64
5	Hexanoic acid	116	C6H12O2	000142-62-1	59





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Sample : 02275-06
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ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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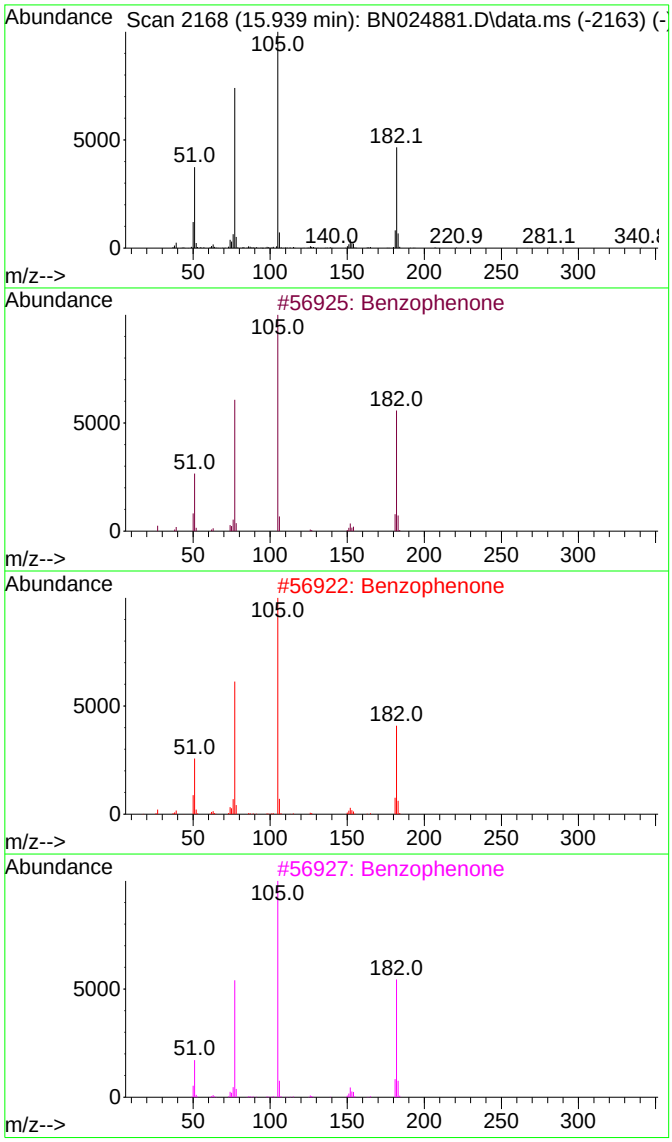
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

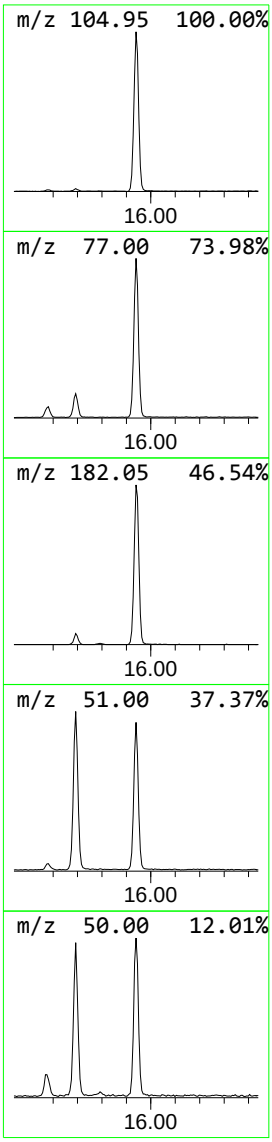
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.940	3.55 ng/ul	824838	Acenaphthene-d10	14.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	97
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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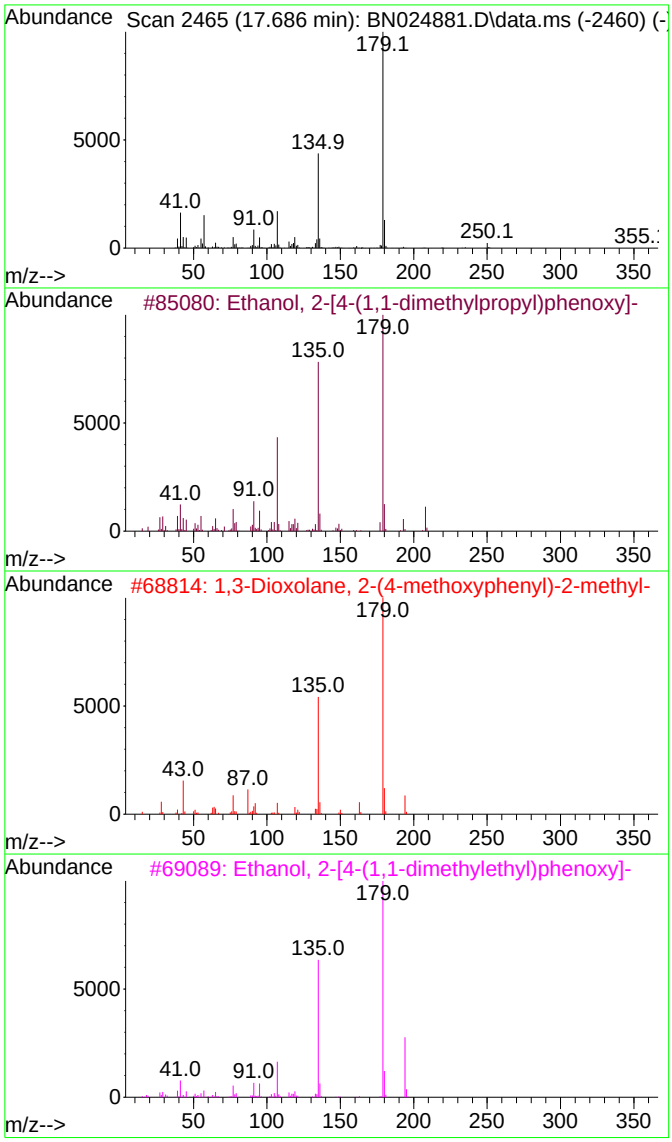
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

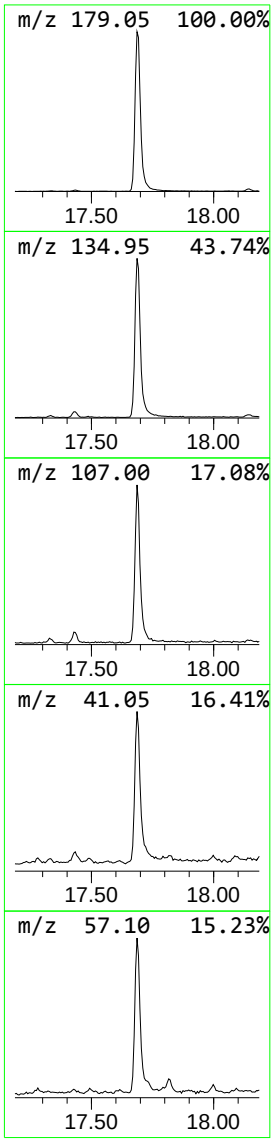
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-[4-(1,1-dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	5.28 ng/ul	1466300	Phenanthrene-d10	17.334

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[4-(1,1-dimethylpropy...	208	C13H20O2	006382-07-6	78
2	1,3-Dioxolane, 2-(4-methoxypheny...	194	C11H14O3	036881-00-2	72
3	Ethanol, 2-[4-(1,1-dimethylethyl...	194	C12H18O2	000713-46-2	72
4	2-(4-Formyl-phenoxy)-acetamide	179	C9H9NO3	135857-20-4	38
5	Benzoic acid, 2,4-dimethoxy-6-me...	360	C19H20O7	913691-43-7	37





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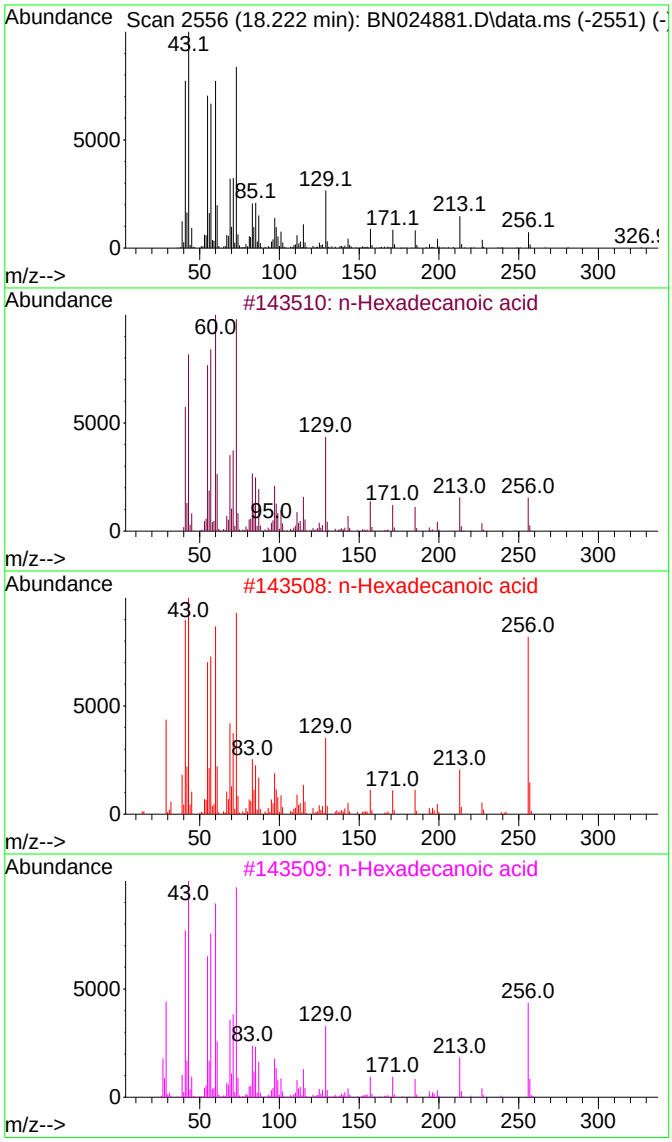
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

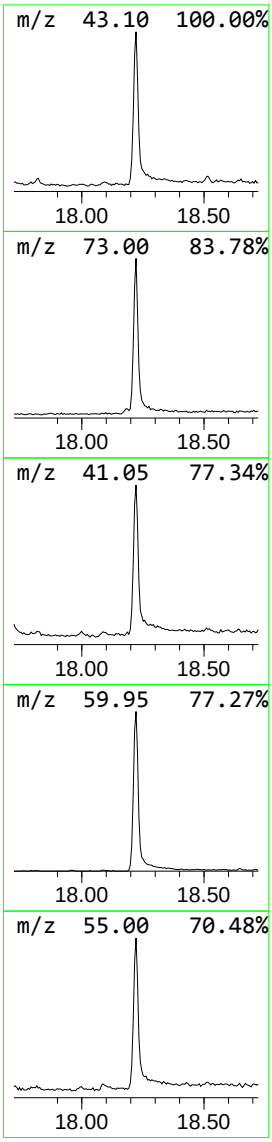
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	3.64 ng/ul	1010810	Phenanthrene-d10	17.334

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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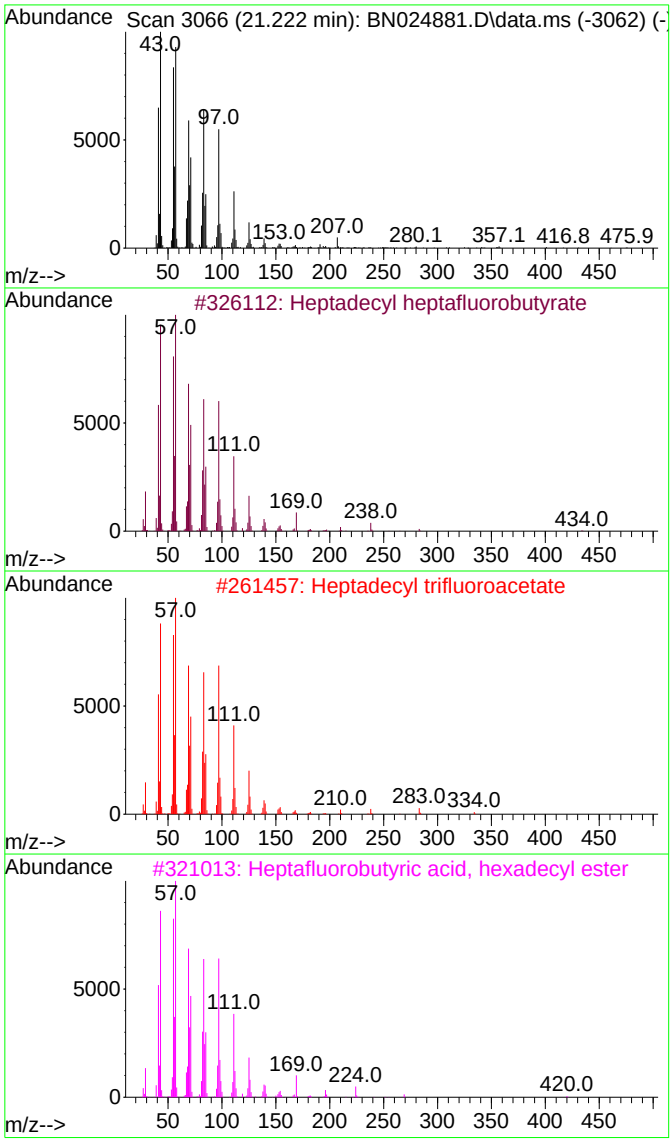
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

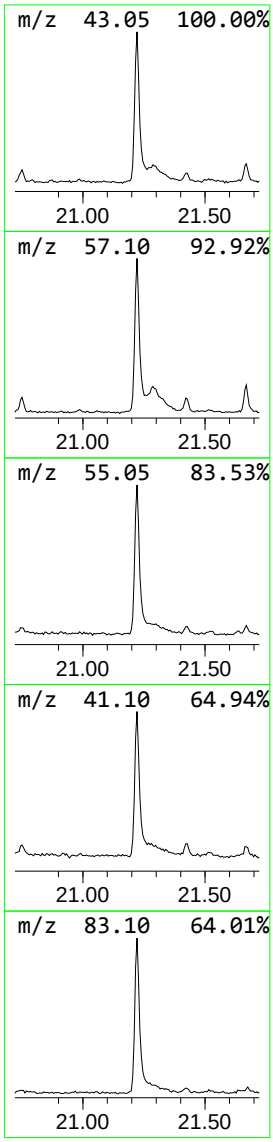
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Heptadecyl heptafluorobutyrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.222	3.63 ng/ul	1114560	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1010351-87-0	94
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
4	1-Docosene	308	C22H44	001599-67-3	93
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

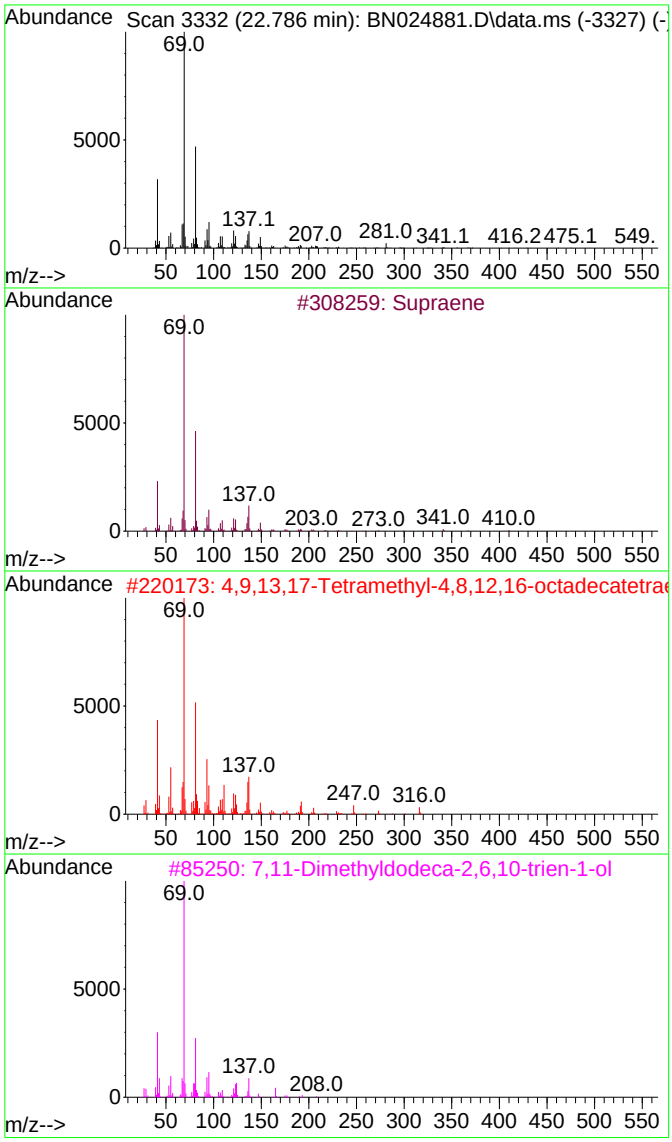
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

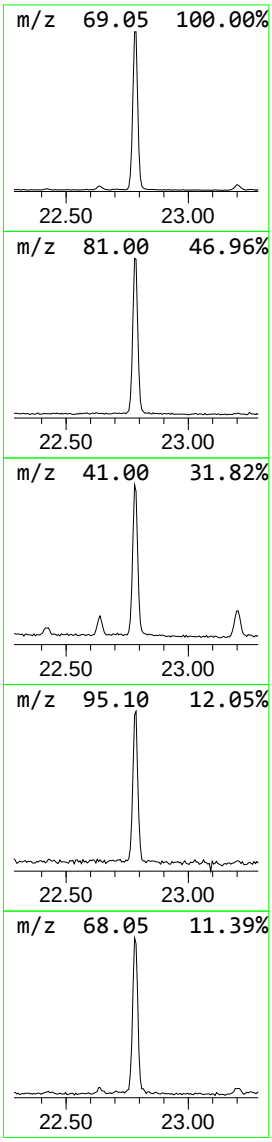
****

Peak Number 8 Supraene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.786	3.23 ng/ul	1058390	Perylene-d12	23.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	80
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	78
5	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	78





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ClientSampleId :
BHDZ2

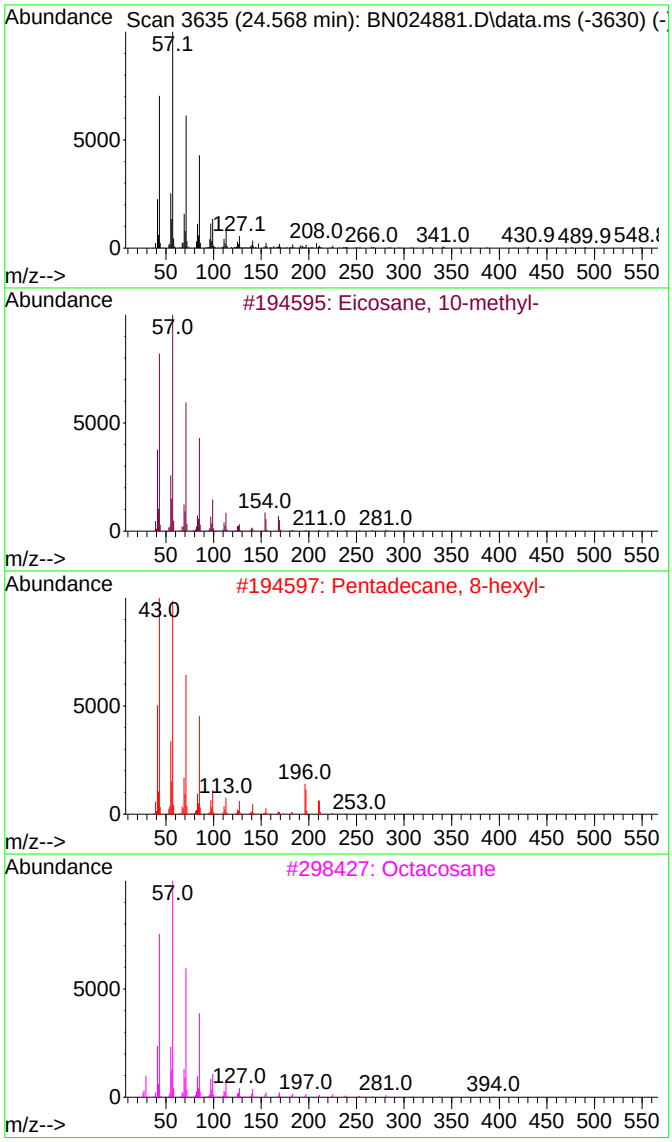
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

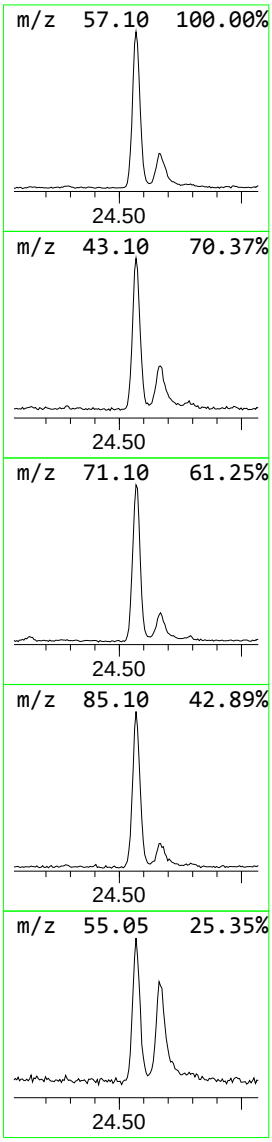
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.568	2.20 ng/ul	721095	Perylene-d12	23.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexatriacontane	507	C36H74	000630-06-8	90
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041423\
Data File : BN024881.D
Acq On : 14 Apr 2023 04:55
Operator : CG/JU
Sample : 02275-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHDZ2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.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
Butanamide, 3,3...	5.352	3.1	ng/ul	394820	1	7.940	2551630	20.0
Octanoic acid	10.087	5.5	ng/ul	973305	2	10.752	3544090	20.0
Benzophenone	15.940	3.5	ng/ul	824838	3	14.581	4650180	20.0
Ethanol, 2-[4-(...	17.686	5.3	ng/ul	1466300	4	17.334	5551640	20.0
n-Hexadecanoic ...	18.222	3.6	ng/ul	1010810	4	17.334	5551640	20.0
Heptadecyl hept...	21.222	3.6	ng/ul	1114560	5	21.522	6149070	20.0
Supraene	22.786	3.2	ng/ul	1058390	6	23.963	6557890	20.0
(DEL) Alkane: S...	24.568	2.2	ng/ul	721095	6	23.963	6557890	20.0