LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG5W4

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-BN052521.M
Title : SVOA CALIBRATION

Signal : TIC: BN014876.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.211	16	21	28	rBB6	27270	47351	0.74%	0.088%
2	3.628	89	92	99	rBB	70672	120856	1.90%	0.225%
3	3.840	122	128	133	rBB5	27967	42444	0.67%	0.079%
4	6.875	633	644	651	rBB	122085	218168	3.43%	0.406%
5	7.028	665	670	679	rBV	395452	660668	10.38%	1.230%
6	7.234	695	705	713	rBV	493857	816412	12.83%	1.520%
7	7.693	775	783	790	rBB	579566	932662	14.65%	1.736%
8	7.764	790	795	800	rBB4	46964	71776	1.13%	0.134%
9	8.405	897	904	914	rBV2	371608	624099	9.81%	1.162%
10	8.511	914	922	927	rBB3	23394	46515	0.73%	0.087%
11	8.787	963	969	973	rBB3	47909	67812	1.07%	0.126%
12	8.846	973	979	987	rBB	588546	947723	14.89%	1.764%
13	9.158	1024	1032	1038	rBB4	30485	55173	0.87%	0.103%
14	9.281	1046	1053	1058	rBB3	37216	50425	0.79%	0.094%
15	9.563	1093	1101	1114	rBV	510177	891022	14.00%	1.658%
16	10.110	1187	1194	1204	rBV	746294	1320075	20.74%	2.457%
17	10.258	1215	1219	1227	rBB3	55944	95148	1.49%	0.177%
18	10.475	1248	1256	1263	rBB	751230	1260647	19.81%	2.346%
19	10.540	1263	1267	1273	rBB6	51558	64077	1.01%	0.119%
20	10.616	1274	1280	1287	rBB2	669636	1155884	18.16%	2.151%
21	11.022	1340	1349	1354	rBB3	37517	65425	1.03%	0.122%
22	11.081	1354	1359	1363	rBB	42520	53520	0.84%	0.100%
23	11.128	1363	1367	1373	rBB4	33095	41769	0.66%	0.078%
24	12.693	1629	1633	1639	rBB5	32526	51035	0.80%	0.095%
25	12.952	1672	1677	1683	rBV2	63615	89213	1.40%	0.166%
26	13.181	1708	1716	1720	rBB7	30926	54563	0.86%	0.102%
27	13.246	1720	1727	1733	rBB	791709	1228045	19.29%	2.286%
28	13.757	1808	1814	1822	rBV	1693126	2309532	36.29%	4.299%
29	14.034	1853	1861	1870	rVB	1652466	2536771	39.86%	4.722%
30	14.346	1908	1914	1922	rBV2	1243364	1830567	28.76%	3.407%
31	14.428	1924	1928	1933	rBB5	23028	35295	0.55%	0.066%
32	14.575	1947	1953	1958	rBB3	86859	146575	2.30%	0.273%
33	15.169	2048	2054	2060	rBB3	89061	175386	2.76%	0.326%
34	15.346	2077	2084	2091	rBV	2262458	3271392	51.40%	6.089%
35	15.463	2099	2104	2114	rBV	618900	831694	13.07%	1.548%
36	15.581	2121	2124	2129	rBB4	31864	48931	0.77%	0.091%

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Instrument : BNA_N
ClientSampleId : BG5W4

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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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Title : SVOA CALIBRATION

37	15.710	2142	2146	2150	rBB7	37178	52604	0.83%	0.098%
38	16.875	2337	2344	2355	rBV	1933768	2511796	39.46%	4.675%
39	17.098	2375	2382	2393	rVB	1587991	2311215	36.31%	4.302%
40	17.198	2393	2399	2408	rBV2	2650106	3930159	61.75%	7.315%
41	17.392	2429	2432	2437	rBB3	22162	28706	0.45%	0.053%
42	17.781	2492	2498	2504	rVB	617917	842199	13.23%	1.568%
43	18.010	2530	2537	2542	rBB4	131699	183483	2.88%	0.342%
44	18.081	2545	2549	2551	rBB2	34327	35200	0.55%	0.066%
45	18.257	2574	2579	2582	rBB7	24937	36718	0.58%	0.068%
46	19.134	2722	2728	2731	rBB5	58985	82969	1.30%	0.154%
47	19.298	2751	2756	2762	rBB10	35261	56529	0.89%	0.105%
48	19.398	2764	2773	2775	rBB4	41146	90046	1.41%	0.168%
49	19.504	2784	2791	2798	rBV	3538228	5111205	80.31%	9.514%
50	19.751	2826	2833	2835	rBB8	20573	57035	0.90%	0.106%
51	20.063	2881	2886	2887	rBB5	27327	36960	0.58%	0.069%
52	21.016	3043	3048	3054	rBB4	249663	333566	5.24%	0.621%
53	21.222	3077	3083	3086	rBB8	58055	83056	1.30%	0.155%
54	21.298	3090	3096	3101	rBB	2215089	2777844	43.64%	5.170%
55	21.616	3146	3150	3154	rBB7	39190	67488	1.06%	0.126%
56	21.945	3202	3206	3210	rBB7	55751	74074	1.16%	0.138%
57	22.098	3228	3232	3234	rBB5	24115	29919	0.47%	0.056%
58	22.369	3272	3278	3284	rBB5	125603	258053	4.05%	0.480%
59	22.592	3313	3316	3319	rBB5	27027	31006	0.49%	0.058%
60	22.816	3352	3354	3358	rBB5	54958	39418	0.62%	0.073%
61	22.880	3358	3365	3370	rBB9	163899	246201	3.87%	0.458%
62	23.216	3419	3422	3425	rBB5	37774	28086	0.44%	0.052%
63	23.339	3440	3443	3444	rBB3	27287	28557	0.45%	0.053%
64	23.410	3446	3455	3471	rBV	2925976	6364708	100.00%	11.847%
65	23.557	3473	3480	3487	rBV3	1632503	3276082	51.47%	6.098%
66	23.745	3509	3512	3515	rBB5	33682	33456	0.53%	0.062%
67	24.016	3554	3558	3561	rBB6	25102	32711	0.51%	0.061%
68	24.104	3566	3573	3581	rVB5	238179	529096	8.31%	0.985%
69	24.180	3584	3586	3589	rBB4	50284	59032	0.93%	0.110%
70	24.345	3609	3614	3615	rBB5	32760	30013	0.47%	0.056%
71	24.745	3680	3682	3685	rBB4	32051	29717	0.47%	0.055%
72	24.869	3697	3703	3709	rBB7	212788	445740	7.00%	0.830%
73	24.974	3718	3721	3723	rBB3	30067	32993	0.52%	0.061%
74	24.998	3723	3725	3731	rBB7	28763	39906	0.63%	0.074%
75	25.110	3738	3744	3745	rBB6	37044	34260	0.54%	0.064%
76	25.410	3794	3795	3800	rBB5	34002	39465	0.62%	0.073%

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ClientSampleId : BG5W4

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Title : SVOA CALIBRATION

77	25.457	3800	3803	3809	rBB7	46411	71460	1.12%	0.133%
78	25.510	3809	3812	3813	rBB3	57396	51607	0.81%	0.096%
79	25.627	3827	3832	3835	rBB7	54379	50541	0.79%	0.094%
80	25.751	3845	3853	3860	rBB7	154545	370882	5.83%	0.690%
81	26.368	3955	3958	3959	rBB3	38604	37951	0.60%	0.071%
82	26.774	4025	4027	4028	rBB2	26553	47850	0.75%	0.089%
83	26.792	4028	4030	4035	rBB6	46557	41547	0.65%	0.077%
84	27.257	4107	4109	4112	rBB4	41716	32291	0.51%	0.060%
85	27.545	4156	4158	4160	rBB3	34812	31511	0.50%	0.059%
86	27.674	4177	4180	4181	rBB3	34942	31559	0.50%	0.059%
87	27.821	4203	4205	4210	rBB6	44358	53783	0.85%	0.100%
88	28.274	4278	4282	4285	rBB6	45844	50140	0.79%	0.093%
89	28.380	4299	4300	4303	rBB3	49582	30698	0.48%	0.057%
90	28.598	4335	4337	4341	rBB5	36685	41407	0.65%	0.077%
91	28.686	4348	4352	4355	rBB6	28826	50158	0.79%	0.093%
92	28.839	4376	4378	4383	rBB6	45101	54498	0.86%	0.101%
93	28.962	4394	4399	4401	rBB6	36197	31529	0.50%	0.059%
94	29.198	4434	4439	4442	rBB7	34569	44304	0.70%	0.082%
95	29.268	4450	4451	4455	rBB4	29913	31346	0.49%	0.058%

Sum of corrected areas: 53724983

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ClientSampleId :
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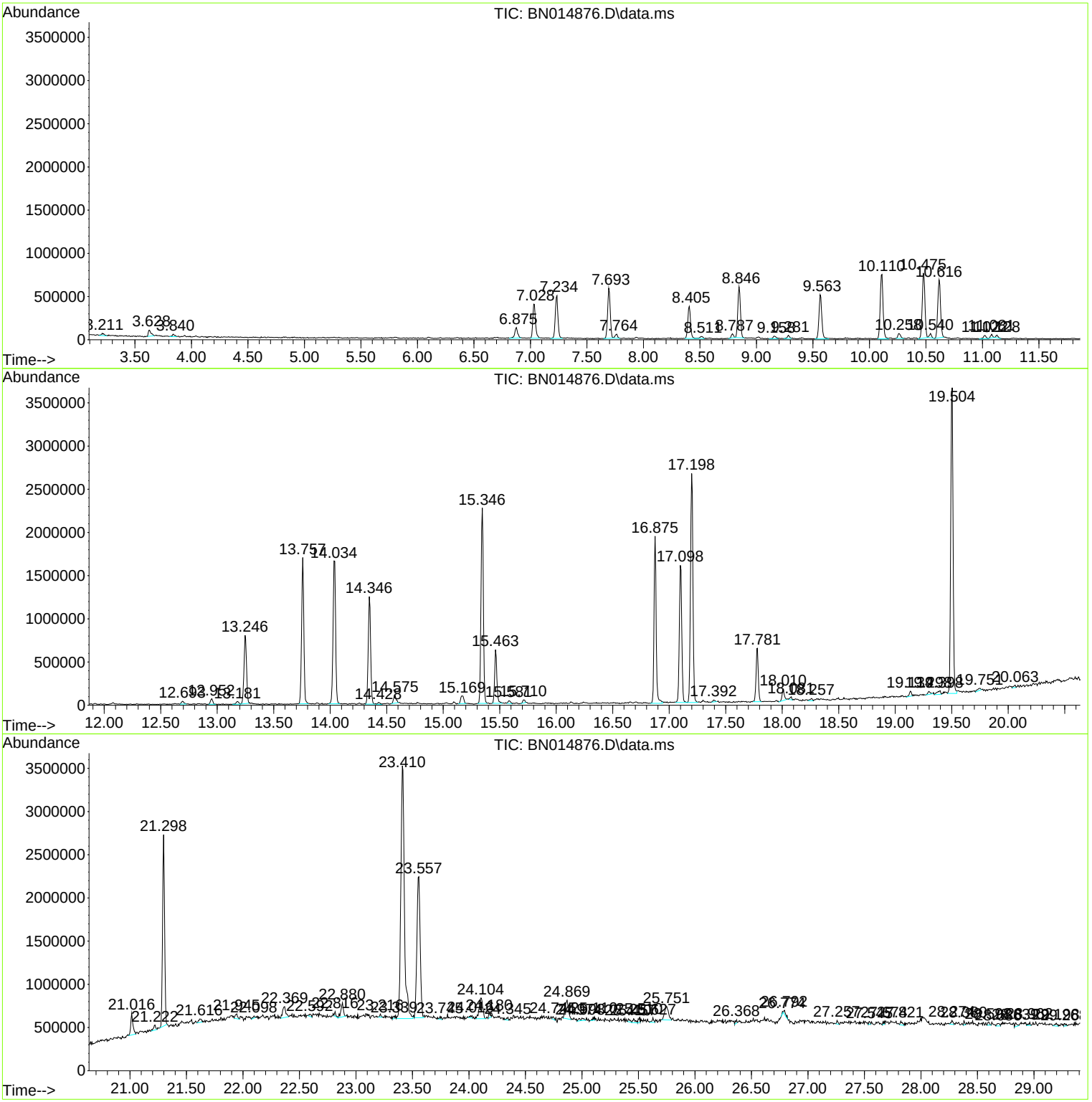
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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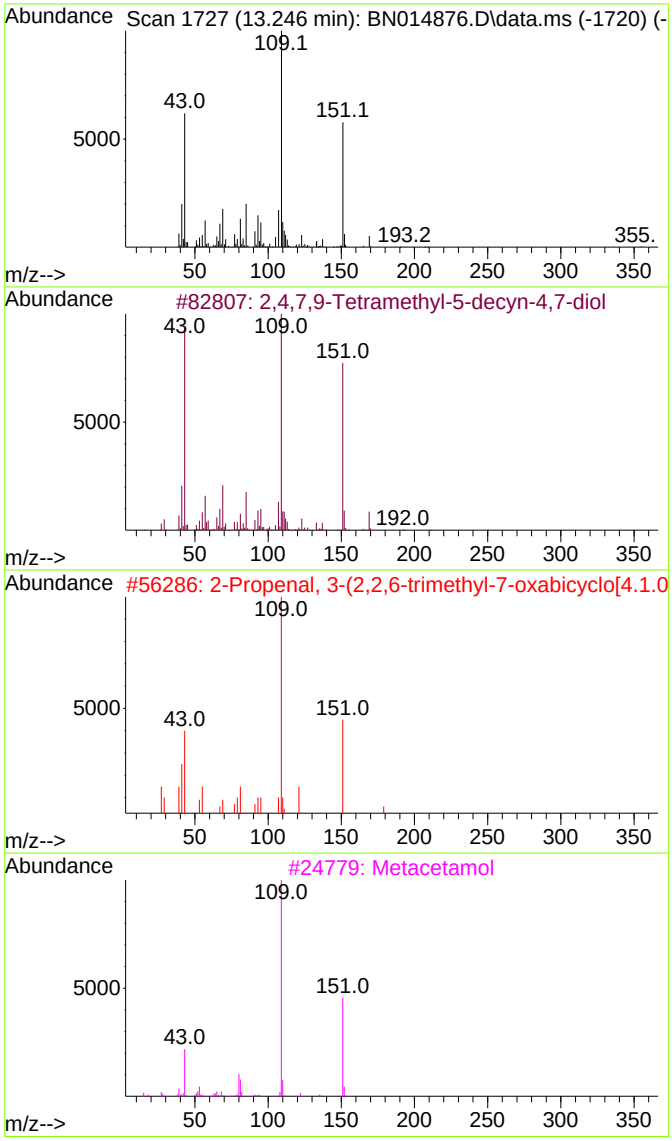
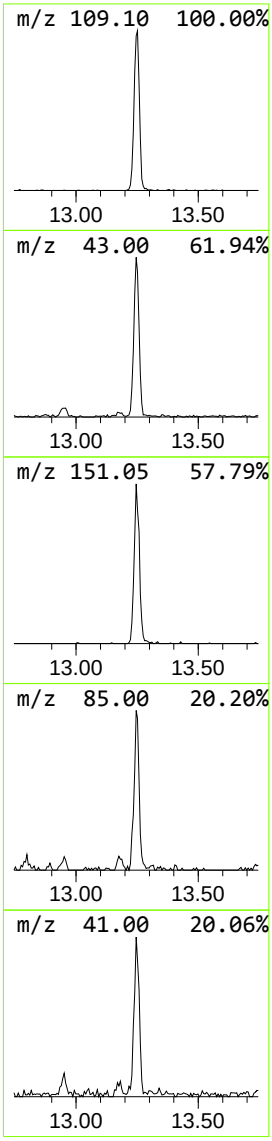
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.246	13.42 ng/ul	1228050	Acenaphthene-d10	14.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	64
3	Metacetamol	151	C8H9NO2	000621-42-1	58
4	Acetaminophen	151	C8H9NO2	000103-90-2	58
5	Acetaminophen	151	C8H9NO2	000103-90-2	53





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BNA_N
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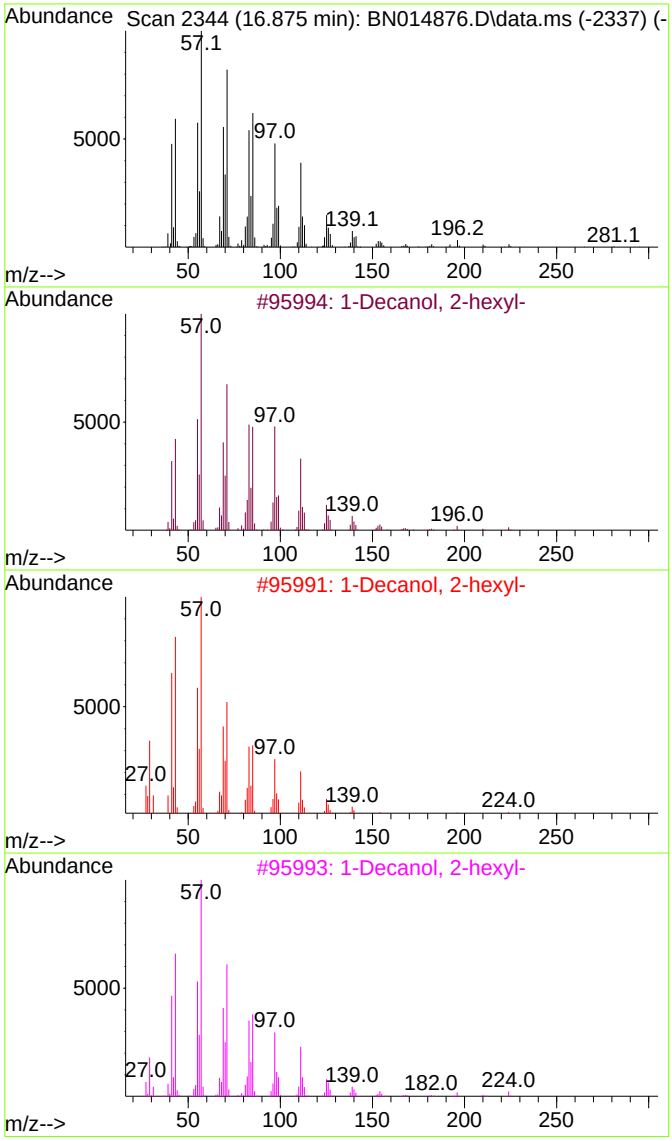
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

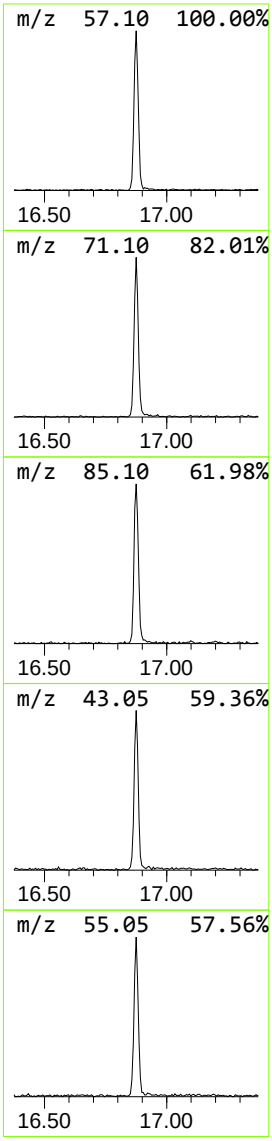
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Decanol, 2-hexyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	21.74 ng/ul	2511800	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	93
2	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91





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TIC Library : C:\DATABASE\NIST11.L
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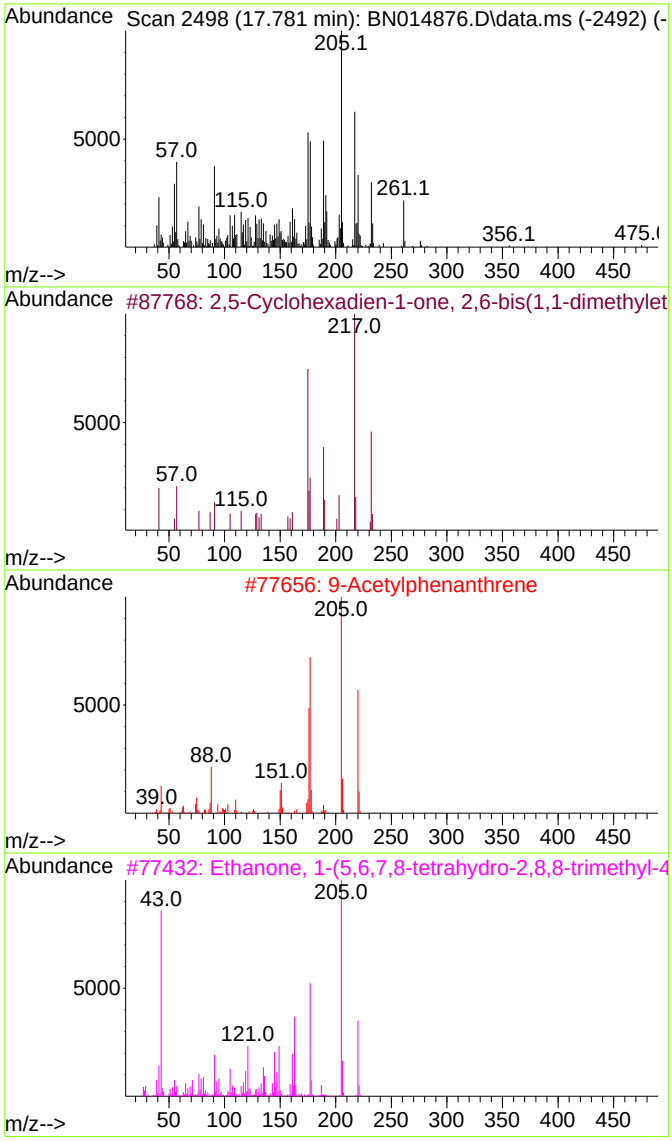
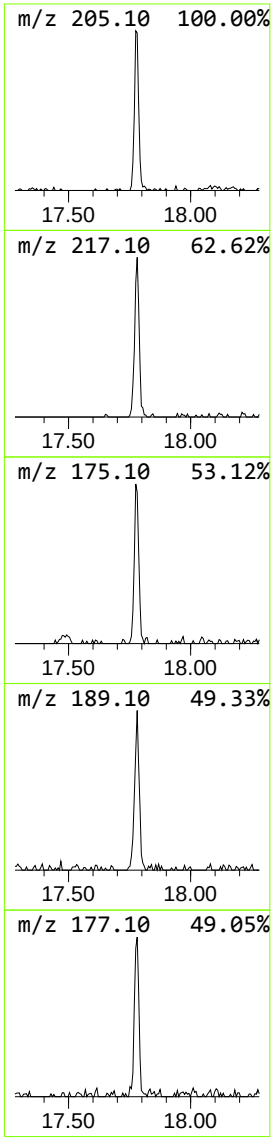
****
Peak Number 3 2,5-Cyclohexadien-1-one, 2,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	7.29 ng/ul	842199	Phenanthrene-d10	17.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
2	9-Acetylphenanthrene	220	C16H12O	002039-77-2	51
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	49
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	41
5	2,4-Dimethyl-5,6-dimethoxy-8-ami...	232	C13H16N2O2	064993-02-8	35





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TIC Library : C:\DATABASE\NIST11.L
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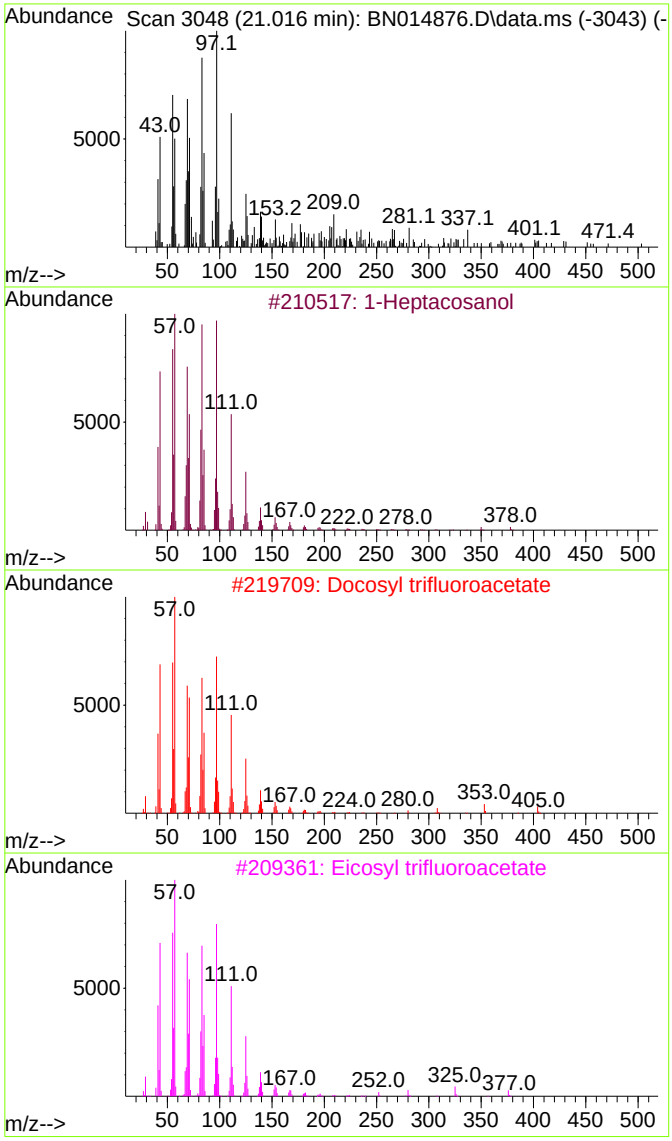
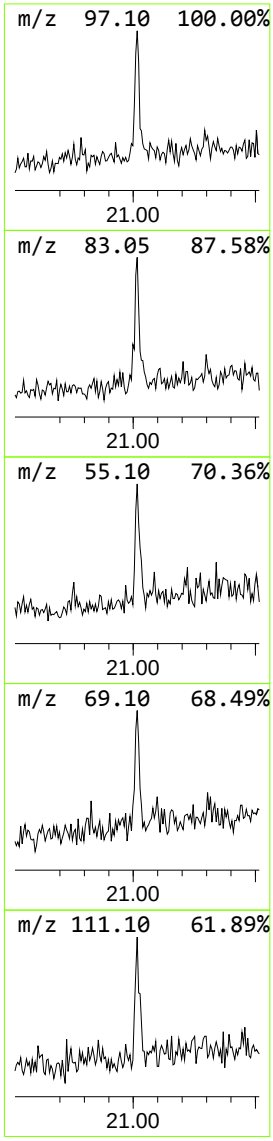
****

Peak Number 4 1-Heptacosanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.016	2.40 ng/ul	333566	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	87
3	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	87
4	1-Triacontanol	438	C30H62O	000593-50-0	87
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	87





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Instrument :
BNA_N
ClientSampleId :
BG5W4

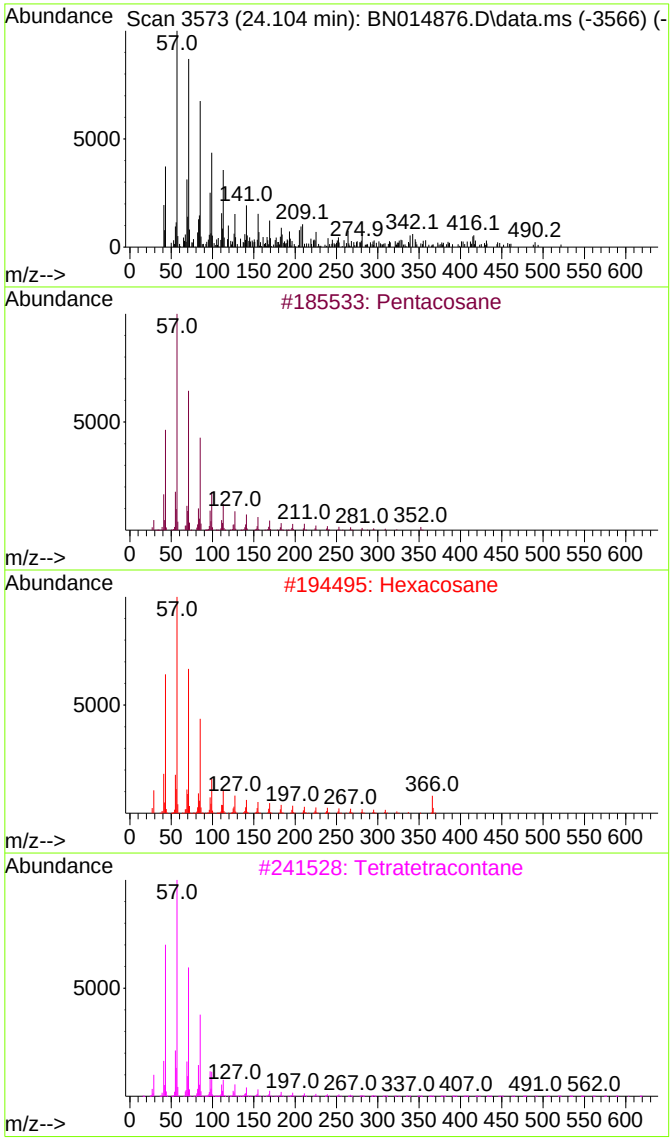
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

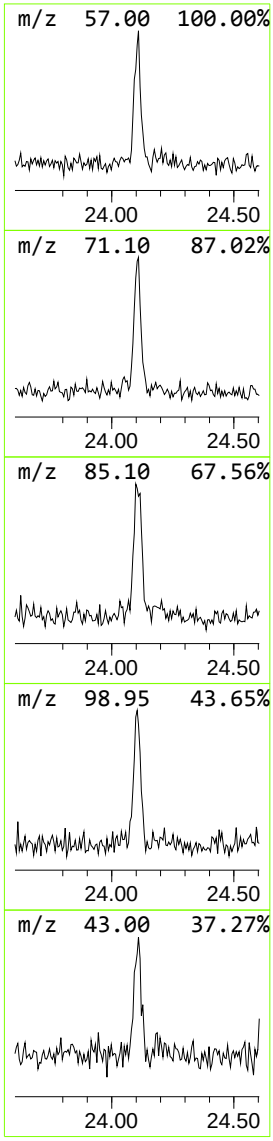
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.104	3.23 ng/ul	529096	Perylene-d12	23.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	91
2	Hexacosane	366	C26H54	000630-01-3	83
3	Tetratetracontane	619	C44H90	007098-22-8	64
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	64
5	Nonacosane	408	C29H60	000630-03-5	64





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Instrument : BNA_N
ClientSampleId : BG5W4

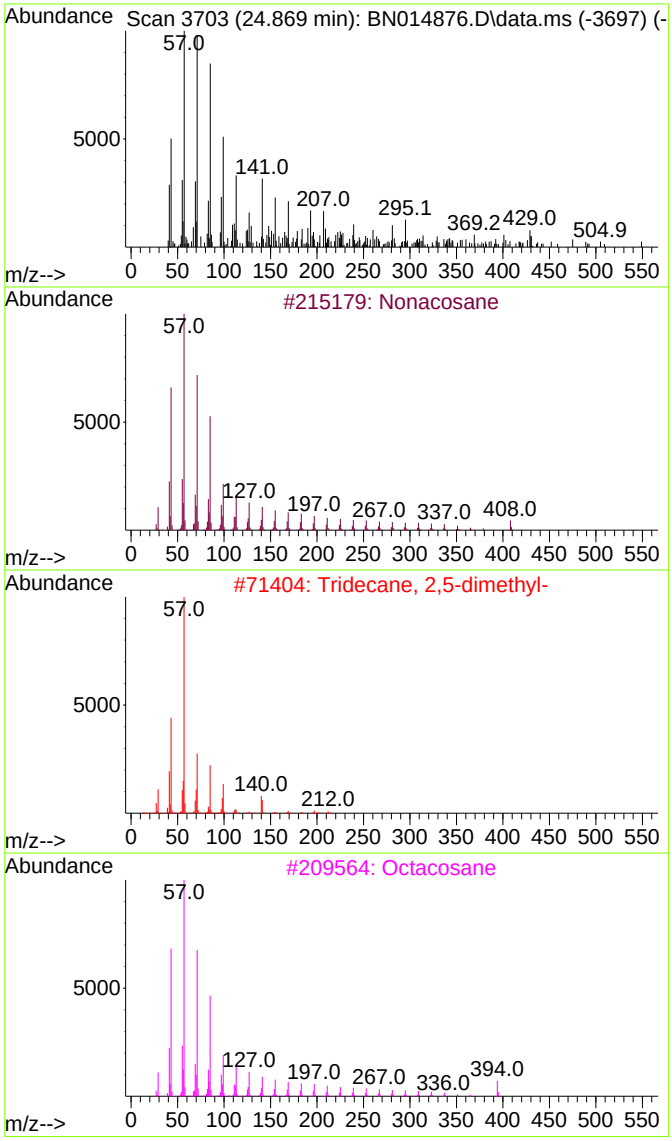
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

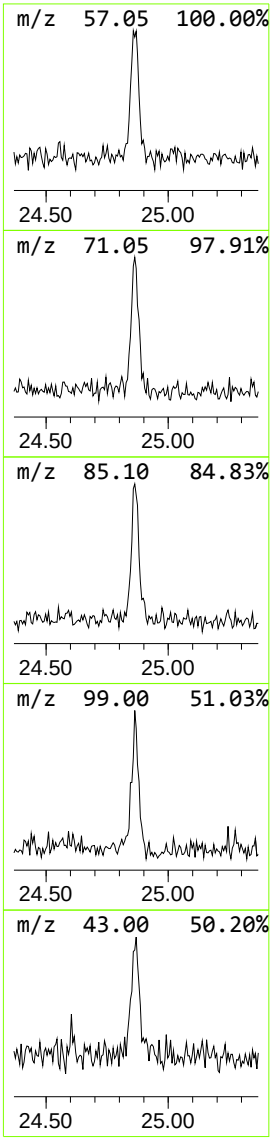
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.869	2.72 ng/ul	445740	Perylene-d12	23.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	80
2	Tridecane, 2,5-dimethyl-	212	C15H32	056292-66-1	80
3	Octacosane	394	C28H58	000630-02-4	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BG5W4

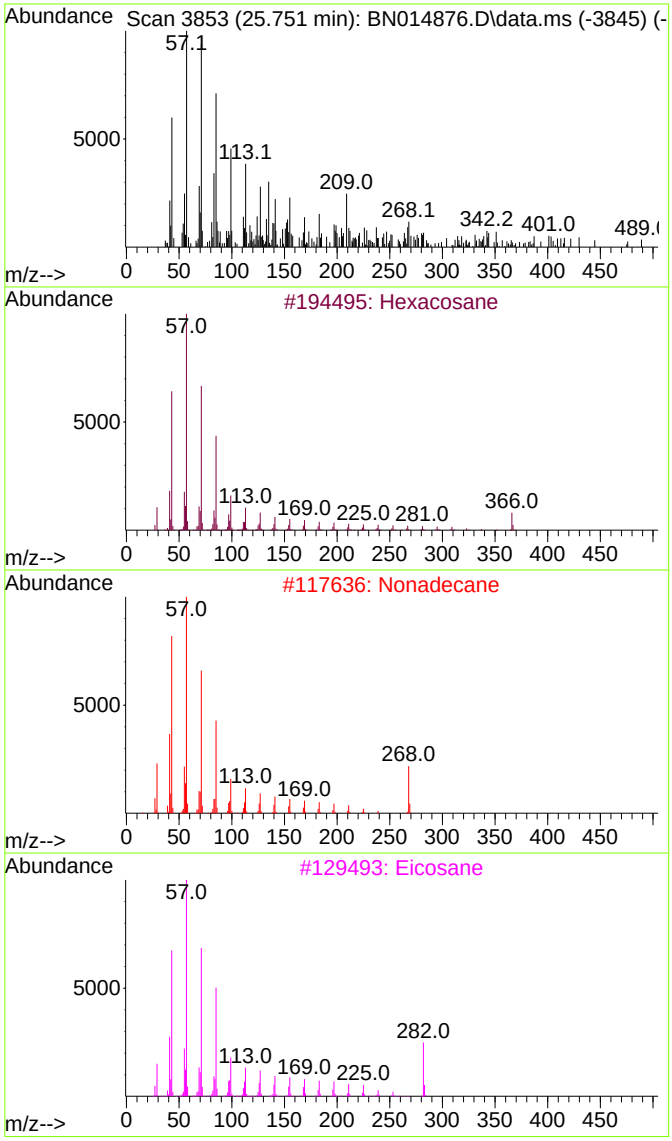
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

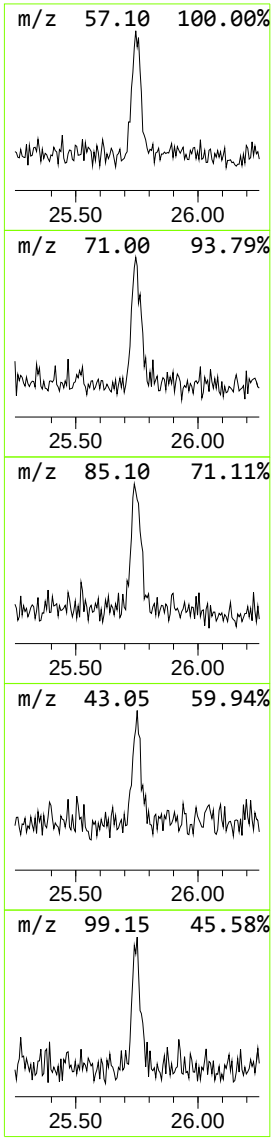
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.751	2.26 ng/ul	370882	Perylene-d12	23.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Nonadecane	268	C19H40	000629-92-5	89
3	Eicosane	282	C20H42	000112-95-8	70
4	Triacontane	422	C30H62	000638-68-6	64
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061021\
Data File : BN014876.D
Acq On : 10 Jun 2021 23:48
Operator : CG/JU
Sample : M2596-18
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BG5W4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN052521.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,4,7,9-Tetrame...	13.246	13.4	ng/ul	1228050	3	14.346	1830570	20.0
1-Decanol, 2-he...	16.875	21.7	ng/ul	2511800	4	17.098	2311220	20.0
2,5-Cyclohexadi...	17.781	7.3	ng/ul	842199	4	17.098	2311220	20.0
1-Heptacosanol	21.016	2.4	ng/ul	333566	5	21.298	2777840	20.0
(DEL) Alkane: S...	24.104	3.2	ng/ul	529096	6	23.557	3276080	20.0
(DEL) Alkane: S...	24.869	2.7	ng/ul	445740	6	23.557	3276080	20.0
(DEL) Alkane: S...	25.751	2.3	ng/ul	370882	6	23.557	3276080	20.0