LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022802.D
Acq On : 22 Nov 2022 00:21
Operator : CG/JU
Sample : N5690-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BGCE9

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: BN022802.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.176	28	32	40	rVB	10631	14916	0.78%	0.087%
2	3.505	84	88	89	rBV4	2111	2247	0.12%	0.013%
3	3.628	107	109	123	rBV	26829	54596	2.85%	0.317%
4	3.846	141	146	154	rVB	5964	9937	0.52%	0.058%
5	3.946	158	163	168	rBV4	4556	8399	0.44%	0.049%
6	7.017	678	685	694	rBV	48369	81093	4.24%	0.471%
7	7.181	706	713	729	rBV	214797	339816	17.77%	1.974%
8	7.375	739	746	758	rBV	190855	306720	16.03%	1.782%
9	7.846	819	826	836	rBV	214120	342406	17.90%	1.989%
10	8.575	942	950	959	rBV	153732	251641	13.16%	1.462%
11	9.028	1020	1027	1041	rBV	273812	453158	23.69%	2.632%
12	9.405	1086	1091	1097	rVB2	2372	3693	0.19%	0.021%
13	9.752	1143	1150	1159	rBV	218091	353764	18.49%	2.055%
14	10.293	1234	1242	1259	rBV	275594	488791	25.55%	2.839%
15	10.663	1298	1305	1315	rBV	336353	551596	28.84%	3.204%
16	10.816	1324	1331	1346	rBV	223318	408375	21.35%	2.372%
17	12.087	1542	1547	1551	rBV4	1710	2575	0.13%	0.015%
18	12.281	1573	1580	1586	rVB2	3122	5828	0.30%	0.034%
19	13.328	1752	1758	1763	rBV3	2379	2996	0.16%	0.017%
20	13.934	1852	1861	1877	rBV	689414	943745	49.34%	5.482%
21	14.210	1900	1908	1923	rBV	745164	1047737	54.77%	6.086%
22	14.516	1954	1960	1968	rBV	537683	777718	40.66%	4.518%
23	14.751	1995	2000	2020	rBV	29190	71751	3.75%	0.417%
24	14.957	2033	2035	2038	rVB3	2095	2170	0.11%	0.013%
25	15.516	2123	2130	2142	rBV	945601	1360114	71.10%	7.901%
26	15.645	2147	2152	2167	rVV	327115	452684	23.67%	2.630%
27	15.757	2167	2171	2174	rVB2	2476	3273	0.17%	0.019%
28	15.893	2188	2194	2199	rBV3	1859	3179	0.17%	0.018%
29	17.269	2422	2428	2436	rBV	633392	913874	47.78%	5.309%
30	17.375	2439	2446	2457	rBV	1062121	1546885	80.87%	8.986%
31	17.675	2493	2497	2502	rBV3	1178	2262	0.12%	0.013%
32	18.039	2556	2559	2563	rBV5	1657	1919	0.10%	0.011%
33	18.163	2576	2580	2587	rBV	27544	37100	1.94%	0.216%
34	18.592	2649	2653	2657	rBV2	10166	11182	0.58%	0.065%
35	19.239	2759	2763	2767	rBV2	11379	13623	0.71%	0.079%
36	19.310	2771	2775	2780	rBV	10851	18096	0.95%	0.105%

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Instrument :
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ClientSampleId :
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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	19.451	2795	2799	2804	rBV4	15431	20627	1.08%	0.120%
38	19.598	2820	2824	2828	rBV5	4599	5685	0.30%	0.033%
39	19.675	2831	2837	2848	rBV	1351378	1742639	91.10%	10.123%
40	19.781	2852	2855	2859	rVB4	5411	6970	0.36%	0.040%
41	21.175	3090	3092	3102	rVB6	12040	22344	1.17%	0.130%
42	21.475	3138	3143	3152	rBV	788504	999470	52.25%	5.806%
43	22.563	3325	3328	3332	rBV2	38535	48864	2.55%	0.284%
44	22.704	3348	3352	3357	rVB	75878	105643	5.52%	0.614%
45	23.116	3418	3422	3429	rVB	64020	94819	4.96%	0.551%
46	23.710	3516	3523	3535	rVB2	882932	1912832	100.00%	11.112%
47	23.863	3542	3549	3561	rVB	487475	997546	52.15%	5.795%
48	24.457	3646	3650	3660	rVB	84383	176408	9.22%	1.025%
49	25.298	3789	3793	3804	rVB2	84528	190566	9.96%	1.107%

Sum of corrected areas: 17214272

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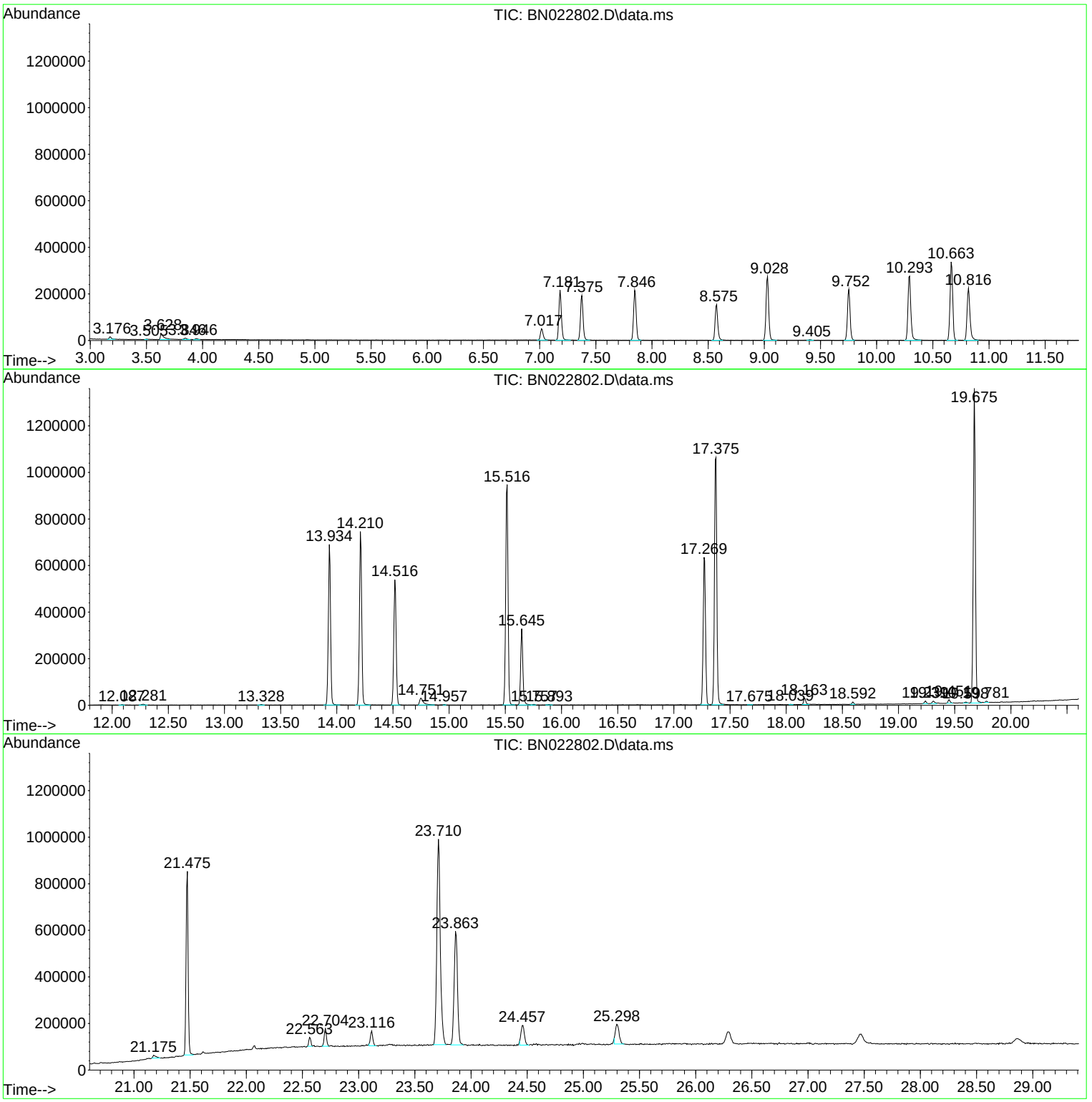
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

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



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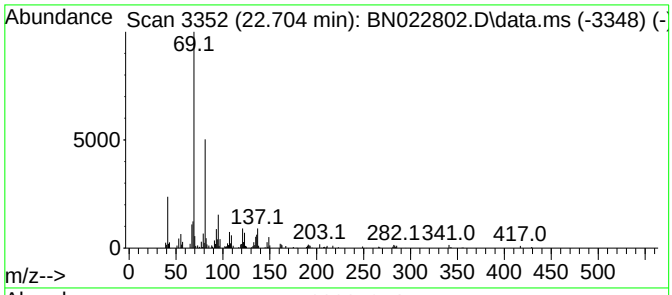
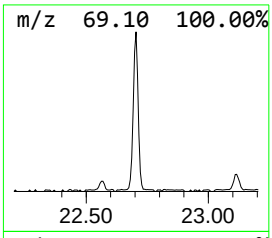
****

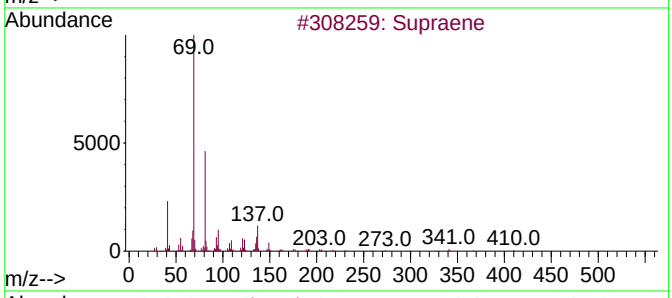
Peak Number 1 Supraene Concentration Rank 3

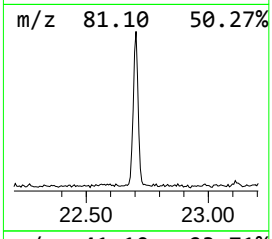
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.704	2.12 ng/ul	105643	Perylene-d12	23.863

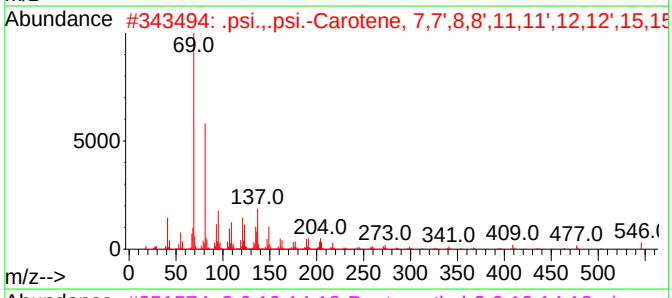
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	87
2	.psi.,.psi.-Carotene, 7,7',8,8',...	547	C40H66	000502-62-5	78
3	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	78
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72

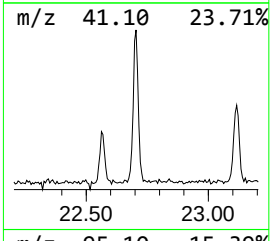


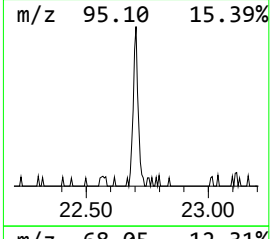


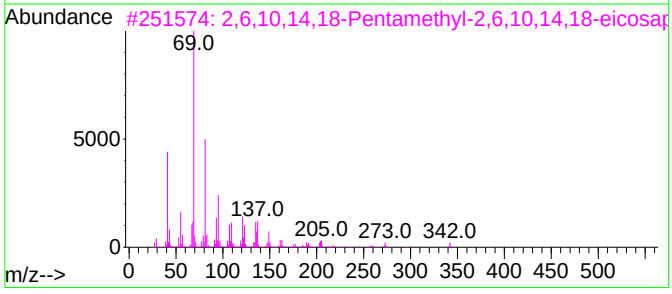


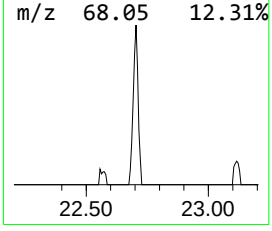












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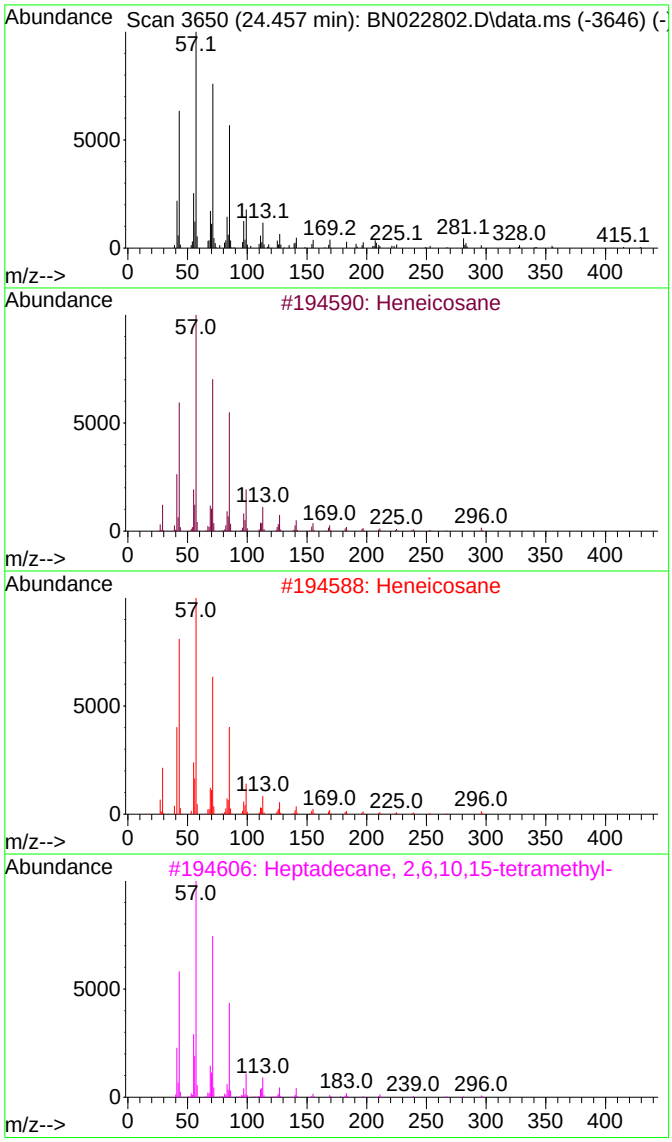
Quant Title : SVOA CALIBRATION

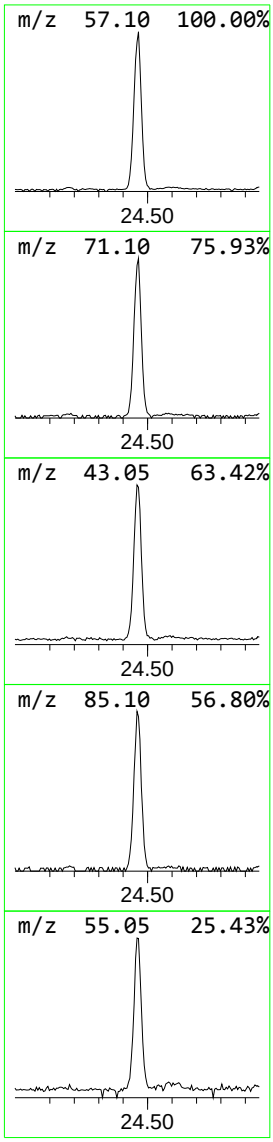
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.457	3.54 ng/ul	176408	Perylene-d12	23.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
4	Eicosane	282	C20H42	000112-95-8	93
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





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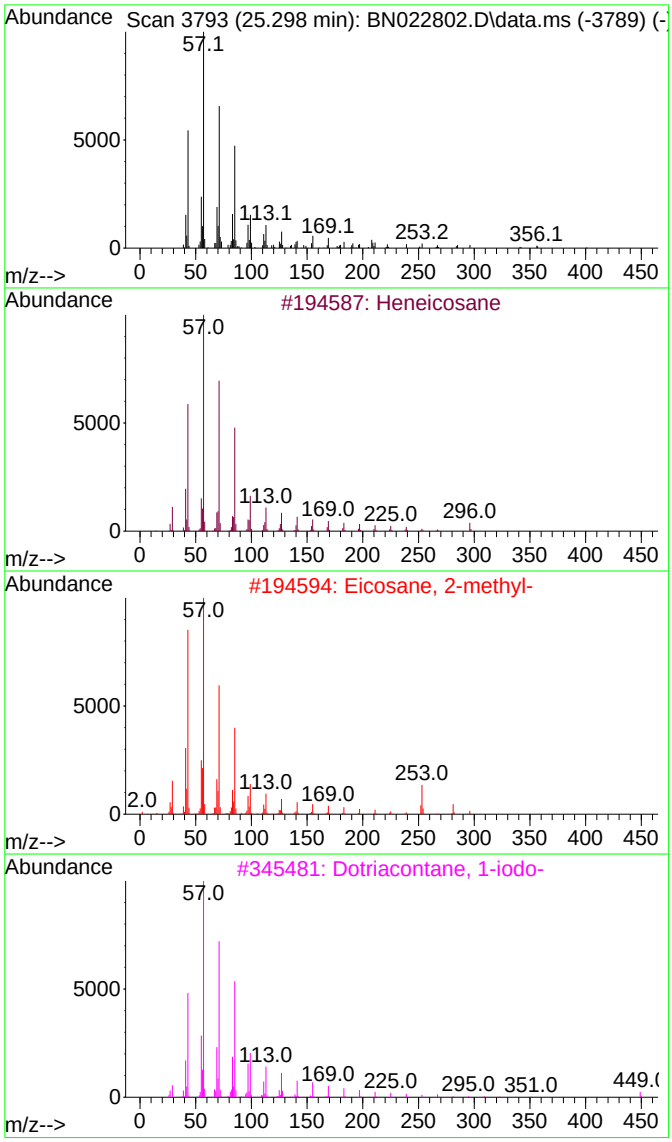
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION

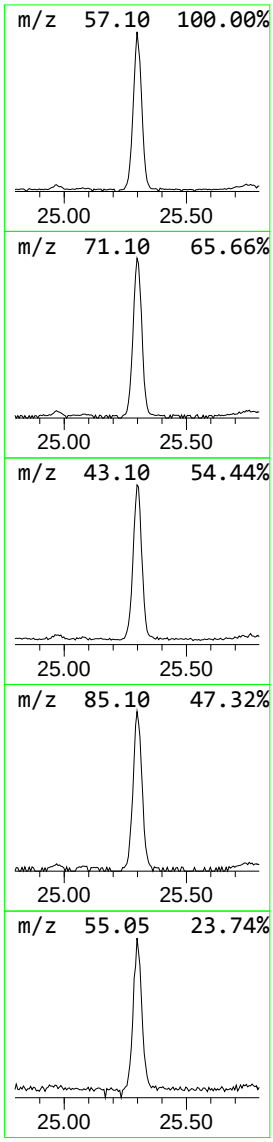
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.298	3.82 ng/ul	190566	Perylene-d12	23.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Pentacosane	352	C25H52	000629-99-2	90





Tentatively Identified Compound (LSC) summary

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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
Supraene	22.704	2.1	ng/ul	105643	6	23.863	997546	20.0
(DEL) Alkane: S...	24.457	3.5	ng/ul	176408	6	23.863	997546	20.0
(DEL) Alkane: S...	25.298	3.8	ng/ul	190566	6	23.863	997546	20.0