LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
Data File : BN029260.D
Acq On : 16 Jan 2024 21:45
Operator : MA/JU
Sample : PB158341BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SBLK341

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-BN011524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029260.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.369	45	48	55	rBV	30533	42695	0.98%	0.105%
2	3.781	114	118	136	rBV	419669	702997	16.11%	1.728%
3	4.116	170	175	183	rVB2	7165	12896	0.30%	0.032%
4	7.105	675	683	694	rVB	544689	874292	20.03%	2.149%
5	7.281	707	713	724	rVB	448923	707295	16.20%	1.738%
6	7.469	738	745	756	rBV	549484	856377	19.62%	2.105%
7	7.940	818	825	833	rBV	421757	678337	15.54%	1.667%
8	8.652	938	946	956	rBV	659401	1078590	24.71%	2.651%
9	9.110	1017	1024	1032	rBV	546108	887028	20.32%	2.180%
10	9.828	1136	1146	1159	rBV	348336	584507	13.39%	1.437%
11	10.363	1230	1237	1247	rBV	657763	1082560	24.80%	2.661%
12	10.746	1294	1302	1311	rVB	601968	1012584	23.20%	2.489%
13	10.887	1318	1326	1338	rBV	776106	1300604	29.80%	3.197%
14	12.328	1567	1571	1577	rVB2	12323	19661	0.45%	0.048%
15	13.487	1761	1768	1775	rBV2	13911	23868	0.55%	0.059%
16	14.004	1849	1856	1865	rBV	1524181	2118166	48.53%	5.206%
17	14.275	1895	1902	1909	rBV	1599415	2301671	52.73%	5.657%
18	14.581	1947	1954	1962	rVB	1001566	1483303	33.98%	3.646%
19	14.775	1979	1987	2005	rBV	643561	981642	22.49%	2.413%
20	15.575	2116	2123	2132	rBV	2119341	2943532	67.44%	7.234%
21	15.692	2137	2143	2154	rBV	428829	600134	13.75%	1.475%
22	15.816	2160	2164	2169	rVB2	8646	10279	0.24%	0.025%
23	15.986	2188	2193	2198	rVB8	3171	6174	0.14%	0.015%
24	16.363	2253	2257	2263	rBV6	6191	10430	0.24%	0.026%
25	17.198	2397	2399	2407	rVB6	5144	7457	0.17%	0.018%
26	17.333	2415	2422	2430	rBV	1358258	1930084	44.22%	4.744%
27	17.433	2432	2439	2451	rBV	2409212	3403342	77.97%	8.365%
28	18.245	2575	2577	2579	rBV3	4169	4974	0.11%	0.012%
29	18.269	2579	2581	2585	rVB5	4573	4748	0.11%	0.012%
30	19.192	2734	2738	2743	rVB6	4118	5647	0.13%	0.014%
31	19.292	2750	2755	2759	rVB2	27684	35544	0.81%	0.087%
32	19.363	2762	2767	2772	rVB	23816	32776	0.75%	0.081%
33	19.727	2823	2829	2836	rBV	3037937	4000023	91.64%	9.831%
34	19.992	2866	2874	2876	rBV6	7363	13203	0.30%	0.032%
35	20.245	2913	2917	2920	rBV5	3579	6343	0.15%	0.016%
36	20.351	2921	2935	2940	rBV3	106317	389689	8.93%	0.958%

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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-BN011524.MA.M
Title : SVOA CALIBRATION

37	20.510	2960	2962	2988	rVB4	126132	525713	12.04%	1.292%
38	20.692	2991	2993	2997	rVB4	7326	6944	0.16%	0.017%
39	21.533	3130	3136	3141	rBV	1784642	2207179	50.57%	5.425%
40	22.715	3333	3337	3344	rVB4	29752	45426	1.04%	0.112%
41	23.539	3472	3477	3486	rVB3	41139	88065	2.02%	0.216%
42	23.792	3512	3520	3537	rBV2	2207822	4364990	100.00%	10.728%
43	23.945	3538	3546	3562	rVB	1263258	2593972	59.43%	6.375%
44	24.386	3616	3621	3630	rVB5	38129	89811	2.06%	0.221%
45	24.680	3665	3671	3679	rVB3	70431	163629	3.75%	0.402%
46	25.551	3814	3819	3827	rVB3	64146	155439	3.56%	0.382%
47	26.592	3988	3996	4014	rVB7	63765	293020	6.71%	0.720%

Sum of corrected areas: 40687640

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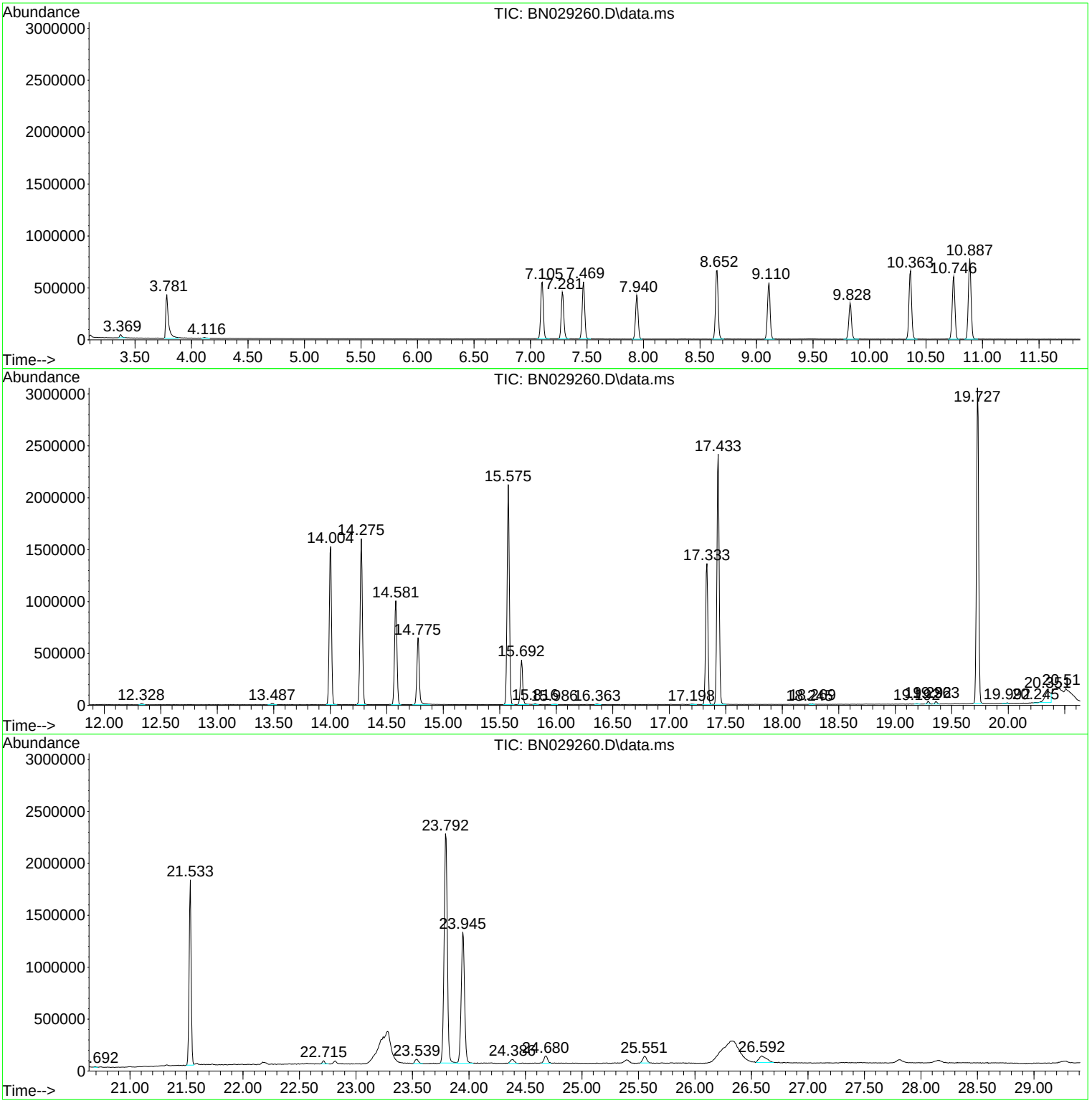
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : PB158341BL
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Instrument :
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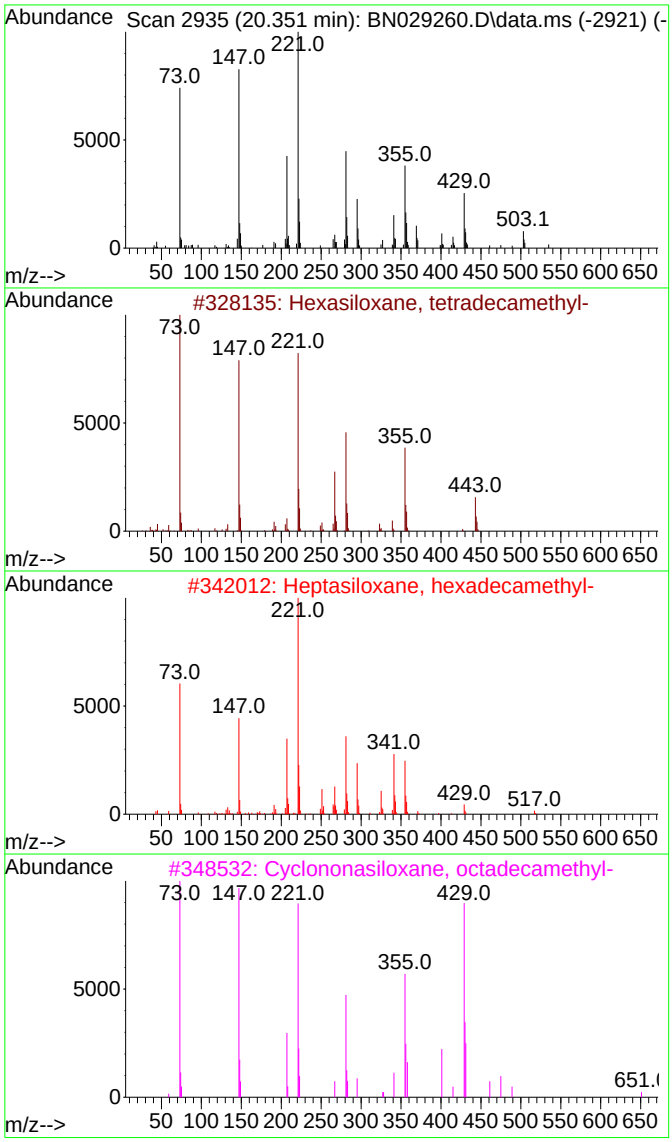
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION

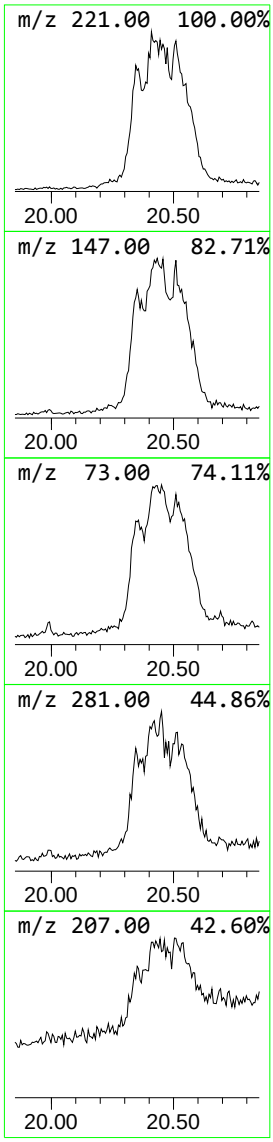
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexasiloxane, tetradecamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.351	3.53 ng/ul	389689	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	81
2	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	64
3	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	59
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	43
5	Heptasiloxane, hexadecamethyl-	532	C16H48O6Si7	000541-01-5	38





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION

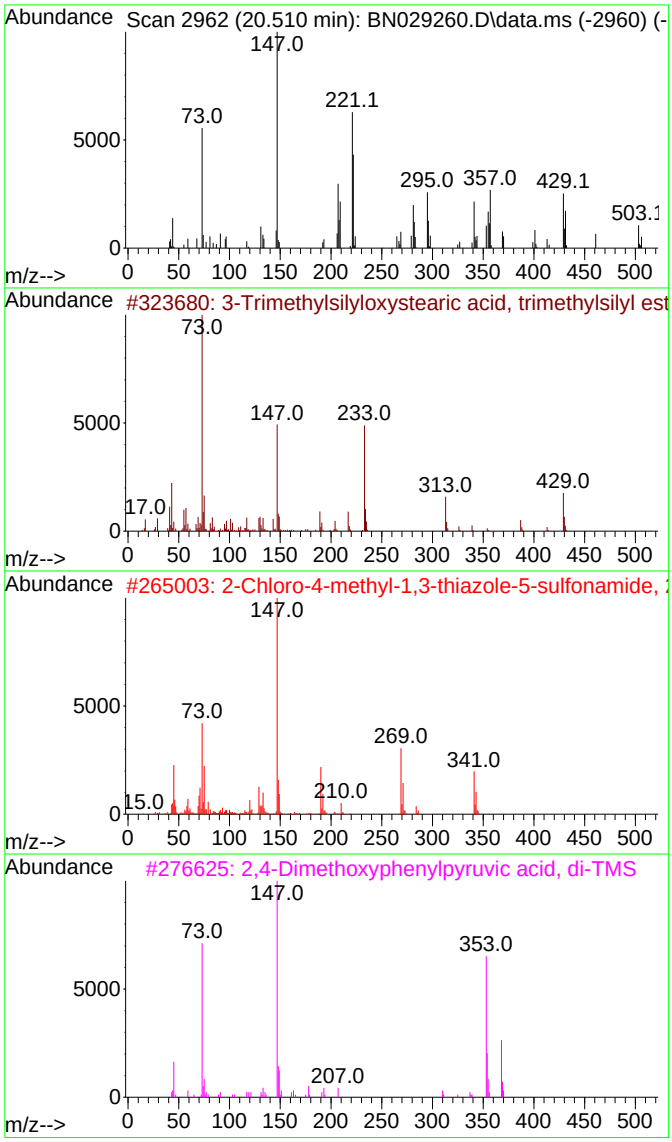
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

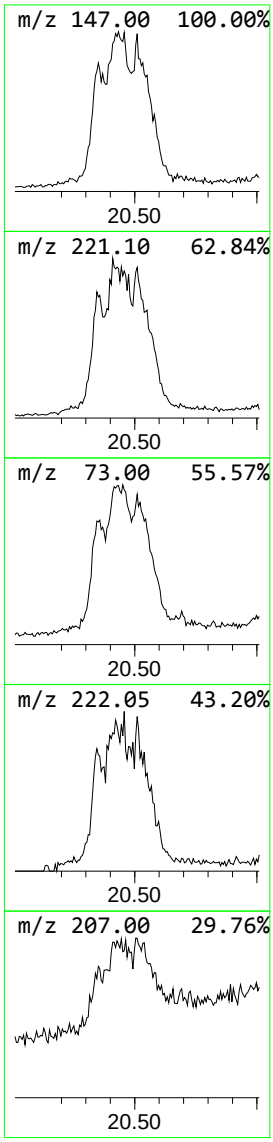
****

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.510	4.76 ng/ul	525713	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trimethylsilyloxystearic acid,...	444	C24H52O3Si2	1000079-42-6	12
2	2-Chloro-4-methyl-1,3-thiazole-5...	356	C10H21ClN2O2S2Si2	1000513-45-2	12
3	2,4-Dimethoxyphenylpyruvic acid,...	368	C17H28O5Si2	1000071-84-6	10
4	Methanol, 1-[2-[4-(1-methylethyl...	281	C14H19NO5	1000271-97-1	10
5	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	10





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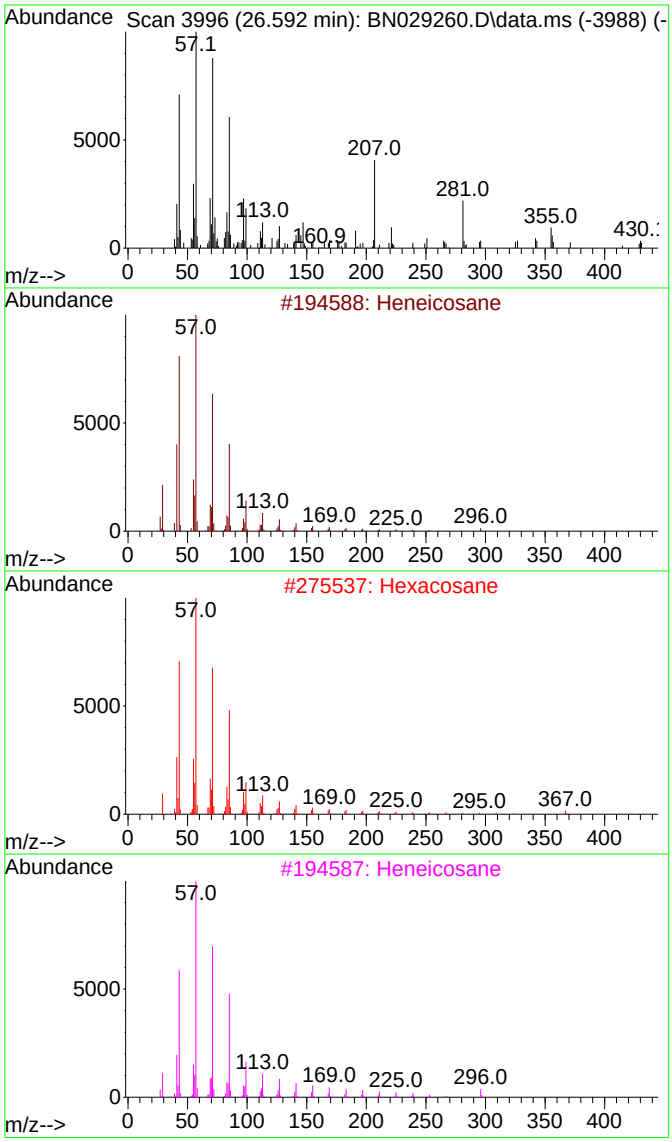
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION

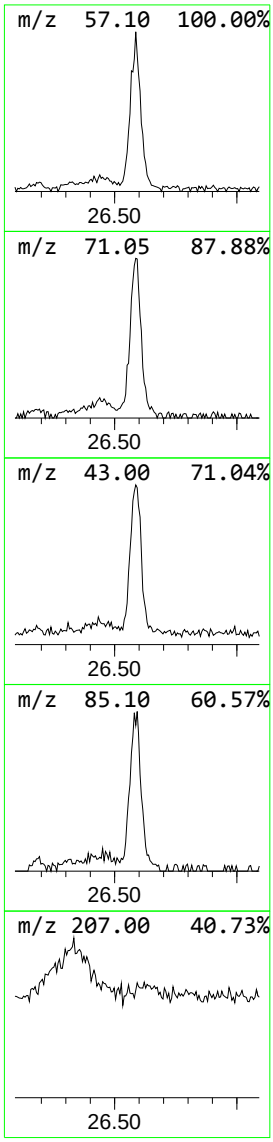
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.592	2.26 ng/ul	293020	Perylene-d12	23.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	70
2	Hexacosane	366	C26H54	000630-01-3	60
3	Heneicosane	296	C21H44	000629-94-7	55
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	53
5	Tetracosane	338	C24H50	000646-31-1	53





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.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
Hexasiloxane, t...	20.351	3.5	ng/ul	389689	5	21.533	2207180	20.0
unknown-01	20.510	4.8	ng/ul	525713	5	21.533	2207180	20.0
(DEL) Alkane: S...	26.592	2.3	ng/ul	293020	6	23.945	2593970	20.0