LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043505.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.375	28	32	43	rVB	55294	87759	1.00%	0.114%
2	3.798	101	104	122	rBV	375333	645505	7.35%	0.836%
3	4.022	137	142	155	rVB	25797	48939	0.56%	0.063%
4	4.122	156	159	165	rVB2	16214	20668	0.24%	0.027%
5	4.351	193	198	202	rBV7	11583	15914	0.18%	0.021%
6	5.057	314	318	321	rBV3	7039	11028	0.13%	0.014%
7	6.392	540	545	552	rVB7	8051	13356	0.15%	0.017%
8	7.134	664	671	679	rBV	297849	488626	5.56%	0.633%
9	7.310	694	701	715	rBV	1238008	1960436	22.33%	2.540%
10	7.498	726	733	743	rBV	1140904	1826183	20.80%	2.366%
11	7.581	744	747	751	rVB5	7763	11892	0.14%	0.015%
12	7.975	807	814	821	rBV	744204	1218206	13.87%	1.578%
13	8.033	821	824	830	rVB5	7854	15004	0.17%	0.019%
14	8.681	926	934	947	rBV	812895	1296022	14.76%	1.679%
15	9.145	1005	1013	1022	rBV	1451039	2399526	27.33%	3.109%
16	9.522	1072	1077	1083	rVB	34053	50437	0.57%	0.065%
17	9.863	1127	1135	1146	rBV	1082822	1802128	20.52%	2.335%
18	10.398	1217	1226	1244	rBV	1509374	2515459	28.65%	3.259%
19	10.780	1283	1291	1302	rVB	1028316	1753072	19.97%	2.271%
20	10.927	1306	1316	1333	rBV	1282850	2300924	26.21%	2.981%
21	12.021	1497	1502	1508	rVB2	16680	26040	0.30%	0.034%
22	12.369	1554	1561	1568	rVB2	27472	47095	0.54%	0.061%
23	13.510	1750	1755	1762	rVB2	19537	31074	0.35%	0.040%
24	14.027	1835	1843	1852	rBV	2987984	4015174	45.73%	5.202%
25	14.304	1883	1890	1904	rBV	3406914	5046223	57.47%	6.538%
26	14.604	1935	1941	1950	rBV	1394265	2099925	23.92%	2.721%
27	14.810	1969	1976	1988	rBV	243481	448801	5.11%	0.581%
28	15.027	2008	2013	2020	rVB	13580	28736	0.33%	0.037%
29	15.321	2058	2063	2066	rBV5	14794	24521	0.28%	0.032%
30	15.357	2066	2069	2073	rVB	21147	29113	0.33%	0.038%
31	15.451	2083	2085	2092	rVB7	7875	9954	0.11%	0.013%
32	15.598	2101	2110	2122	rBV	4507114	6340051	72.21%	8.214%
33	15.715	2124	2130	2144	rVV	1427746	2015282	22.95%	2.611%
34	15.839	2144	2151	2158	rVB7	24085	48600	0.55%	0.063%
35	16.162	2203	2206	2213	rBV6	6049	11696	0.13%	0.015%
36	16.315	2228	2232	2239	rVV2	28103	44405	0.51%	0.058%

LSC Area Percent Report

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Operator : MA/JU
Sample : 05912-16
Misc :
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Instrument :
BNA_M
ClientSampleId :
BH3P5

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	16.380	2239	2243	2248	rVB6	15109	21676	0.25%	0.028%
38	17.109	2362	2367	2372	rBV	79300	101450	1.16%	0.131%
39	17.162	2372	2376	2381	rVB2	31682	46385	0.53%	0.060%
40	17.351	2401	2408	2415	rBV	1688076	2351432	26.78%	3.046%
41	17.451	2418	2425	2436	rVV	5072411	6927892	78.90%	8.975%
42	17.545	2437	2441	2444	rVB5	13879	19347	0.22%	0.025%
43	17.580	2444	2447	2454	rVB5	18908	28670	0.33%	0.037%
44	17.651	2454	2459	2464	rBV4	26307	42835	0.49%	0.055%
45	17.709	2467	2469	2472	rBV2	11642	14791	0.17%	0.019%
46	17.768	2475	2479	2485	rVB2	21504	29769	0.34%	0.039%
47	17.851	2488	2493	2499	rBV	288239	363347	4.14%	0.471%
48	18.021	2520	2522	2529	rVB6	21919	34502	0.39%	0.045%
49	18.133	2537	2541	2545	rBV3	52186	95008	1.08%	0.123%
50	18.203	2550	2553	2556	rVB2	22261	23510	0.27%	0.030%
51	18.250	2556	2561	2565	rBV	93424	141026	1.61%	0.183%
52	18.298	2565	2569	2572	rBV	66786	79418	0.90%	0.103%
53	18.356	2576	2579	2582	rBV	58057	76999	0.88%	0.100%
54	18.450	2592	2595	2599	rVB2	34387	40889	0.47%	0.053%
55	18.498	2600	2603	2607	rBV2	35119	42155	0.48%	0.055%
56	18.545	2607	2611	2616	rBV	536317	653068	7.44%	0.846%
57	18.797	2650	2654	2659	rBV2	105541	222195	2.53%	0.288%
58	18.868	2663	2666	2670	rVB2	36684	39142	0.45%	0.051%
59	18.915	2671	2674	2677	rBV	59303	66362	0.76%	0.086%
60	18.950	2677	2680	2683	rBV	88748	99089	1.13%	0.128%
61	19.009	2686	2690	2695	rVB	208475	278249	3.17%	0.360%
62	19.121	2706	2709	2714	rBV3	62956	85299	0.97%	0.111%
63	19.180	2714	2719	2723	rBV	515012	649998	7.40%	0.842%
64	19.303	2737	2740	2743	rBV3	92992	108560	1.24%	0.141%
65	19.339	2743	2746	2749	rBV	90020	126920	1.45%	0.164%
66	19.397	2753	2756	2760	rVV2	124150	172340	1.96%	0.223%
67	19.474	2766	2769	2772	rVB	89541	98752	1.12%	0.128%
68	19.515	2772	2776	2779	rBV2	176413	257905	2.94%	0.334%
69	19.550	2779	2782	2787	rVV	155551	236492	2.69%	0.306%
70	19.603	2788	2791	2799	rVB	137478	249558	2.84%	0.323%
71	19.739	2808	2814	2821	rBV	6333919	8531079	97.16%	11.053%
72	19.927	2843	2846	2848	rBV2	170182	229819	2.62%	0.298%
73	20.068	2867	2870	2872	rBV3	113082	133691	1.52%	0.173%
74	20.150	2881	2884	2889	rVB	193496	230646	2.63%	0.299%
75	20.292	2905	2908	2912	rVB	265299	291378	3.32%	0.377%
76	20.474	2935	2939	2944	rBV3	264615	443712	5.05%	0.575%

LSC Area Percent Report

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Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

77	21.403	3094	3097	3103	rBV	287166	523032	5.96%	0.678%
78	21.527	3114	3118	3124	rBV2	1909911	2557224	29.12%	3.313%
79	23.797	3496	3504	3513	rVB	4678931	8780405	100.00%	11.376%
80	23.944	3523	3529	3543	rVB	1369699	2893062	32.95%	3.748%

Sum of corrected areas: 77186852

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
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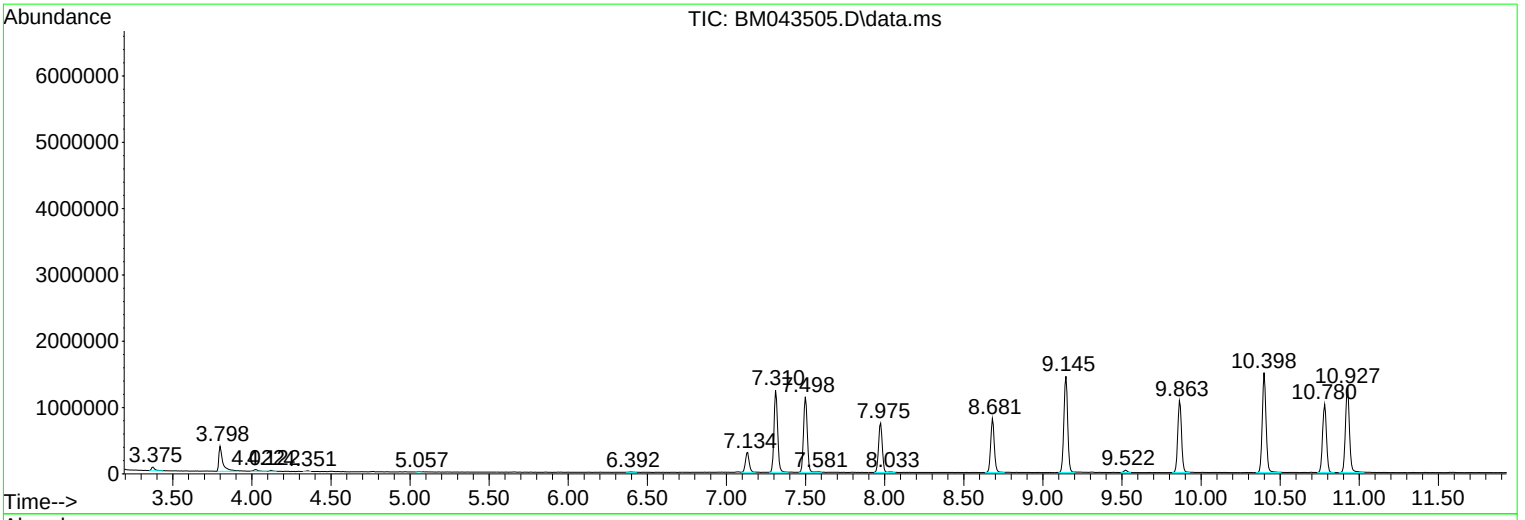
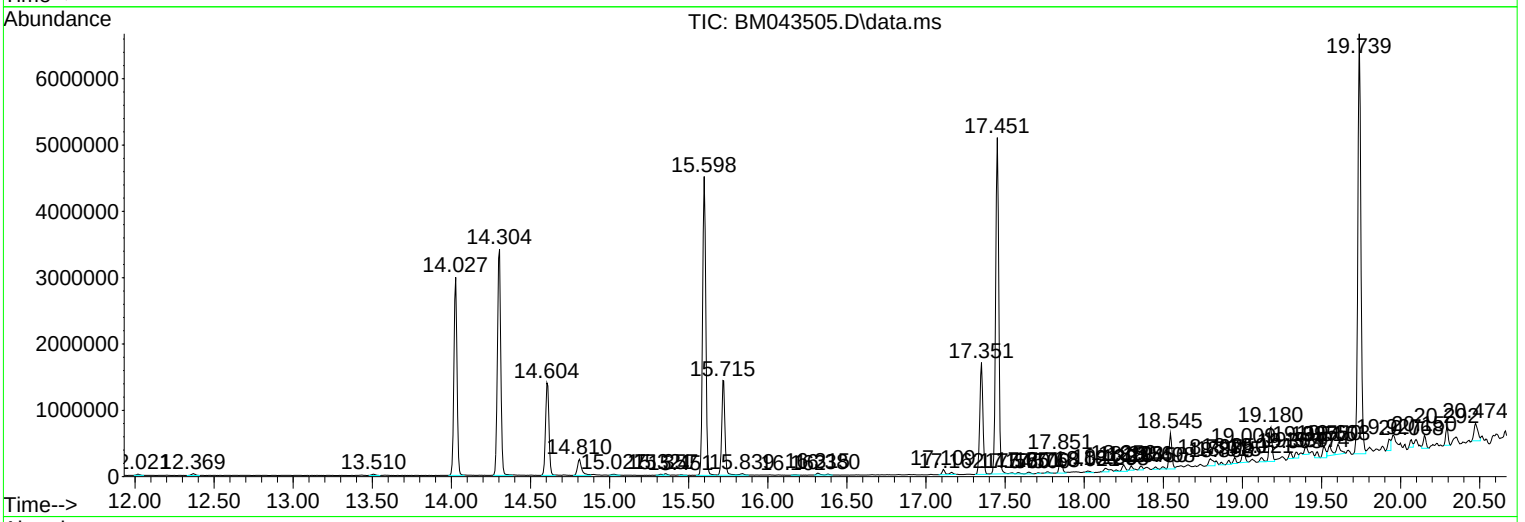
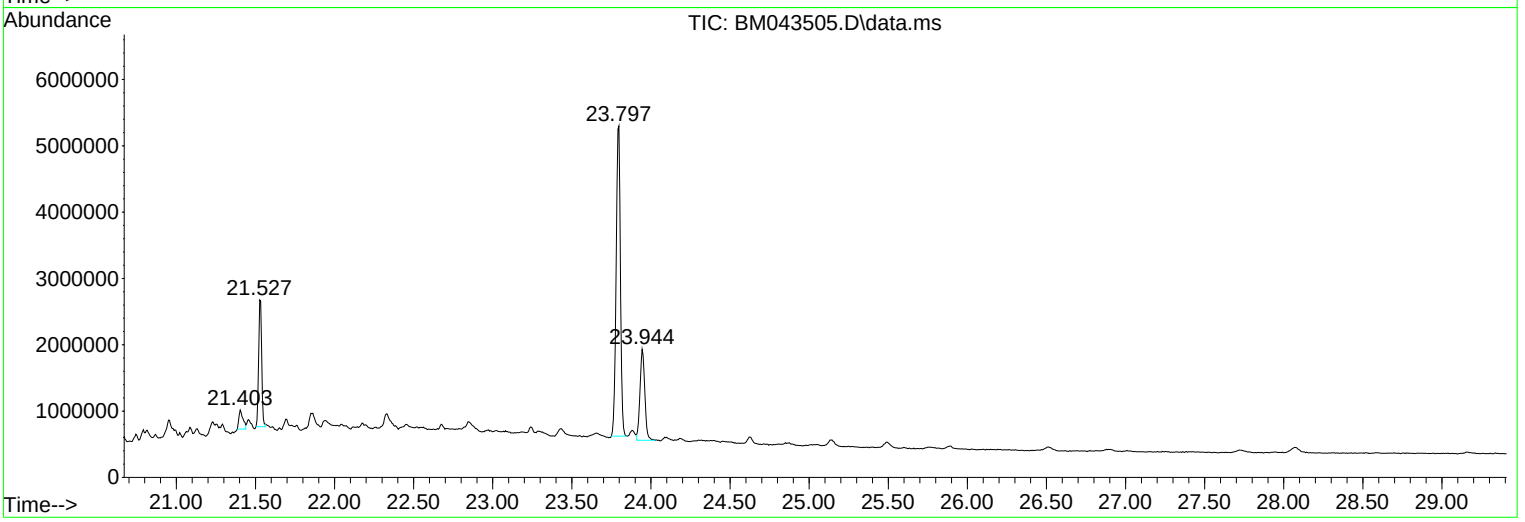
Instrument :
BNA_M
ClientSampleId :
BH3P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
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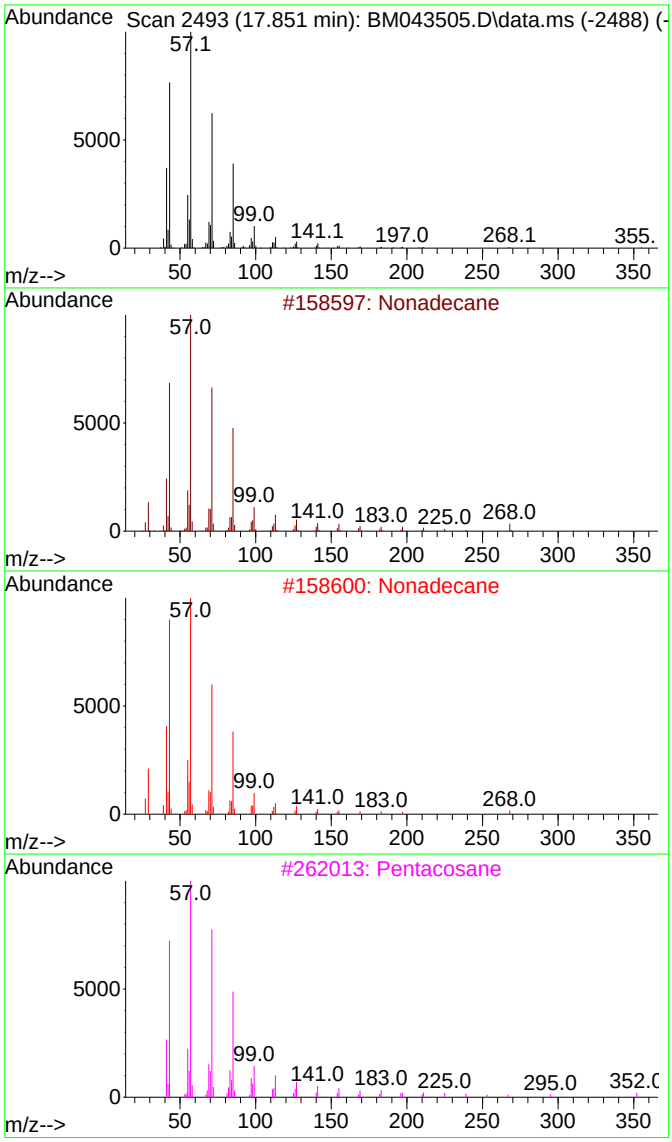
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

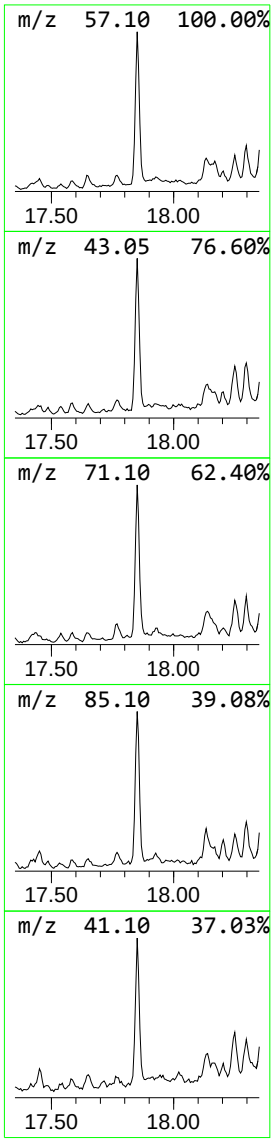
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.851	3.09 ng/ul	363347	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Nonadecane	268	C19H40	000629-92-5	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

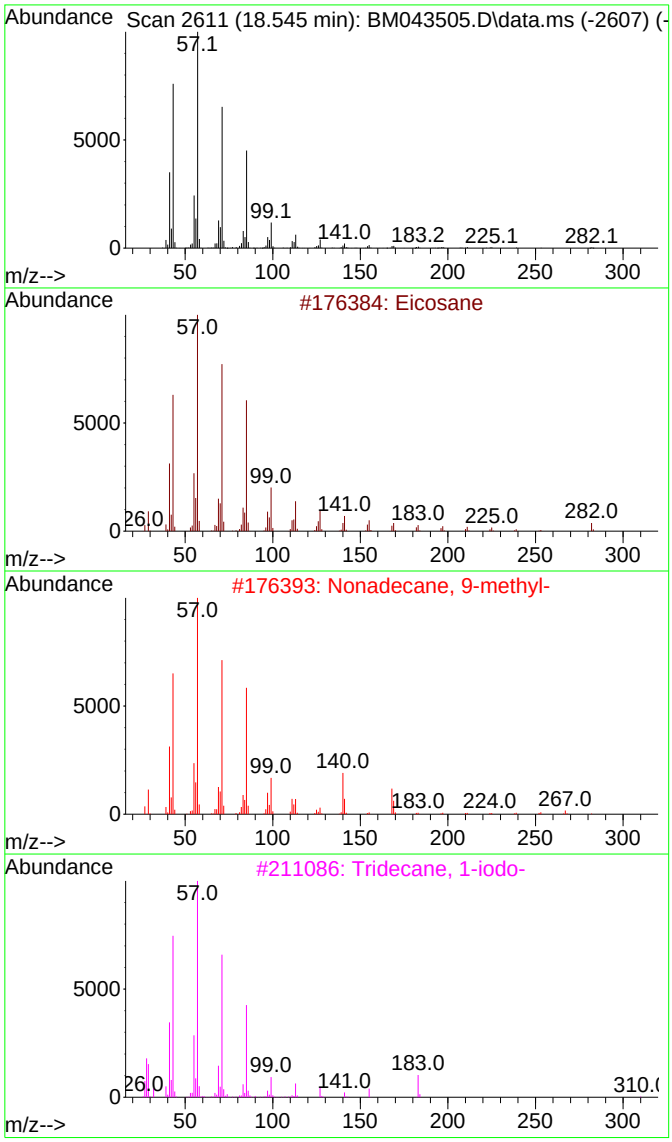
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

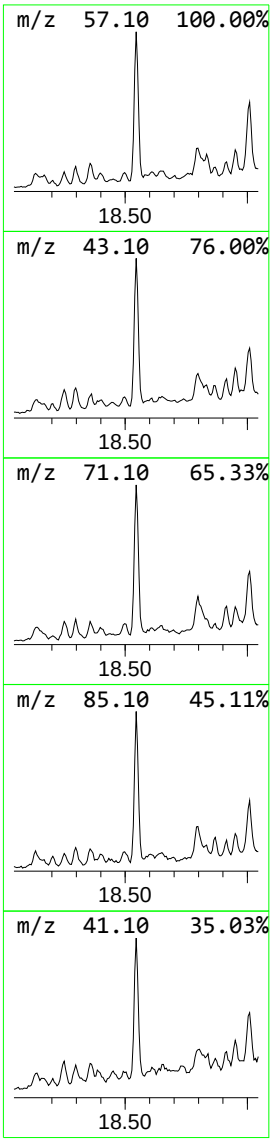
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.545	5.55 ng/ul	653068	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heneicosane	296	C21H44	000629-94-7	90





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Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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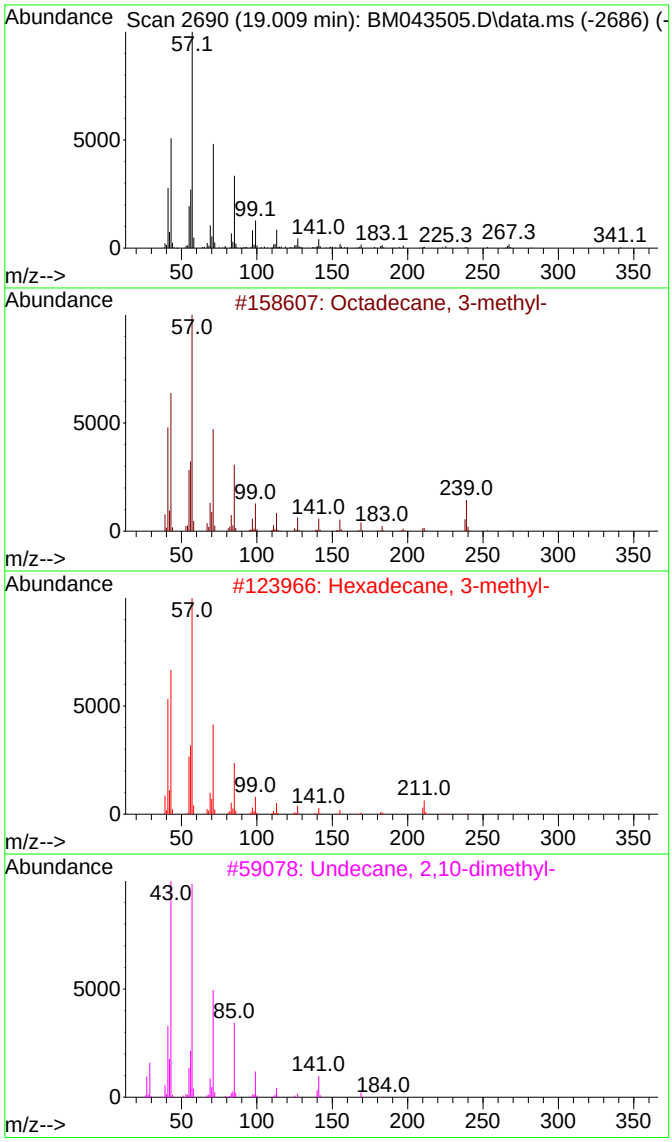
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

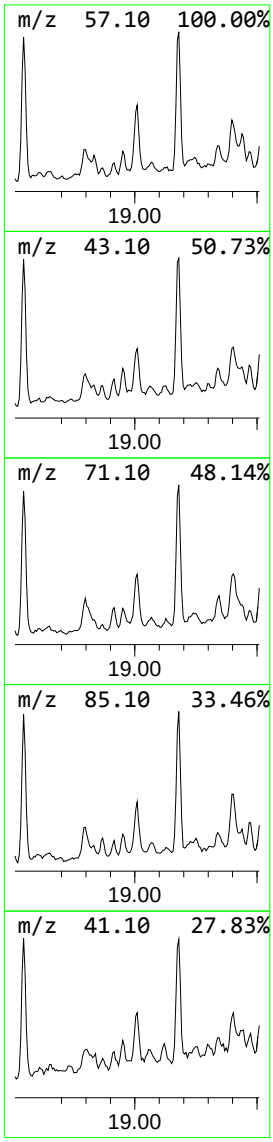
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.009	2.37 ng/ul	278249	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 3-methyl-	268	C19H40	006561-44-0	91
2	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	90
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	87
4	Heptacosane	380	C27H56	000593-49-7	81
5	Octacosane	394	C28H58	000630-02-4	80





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Sample : 05912-16
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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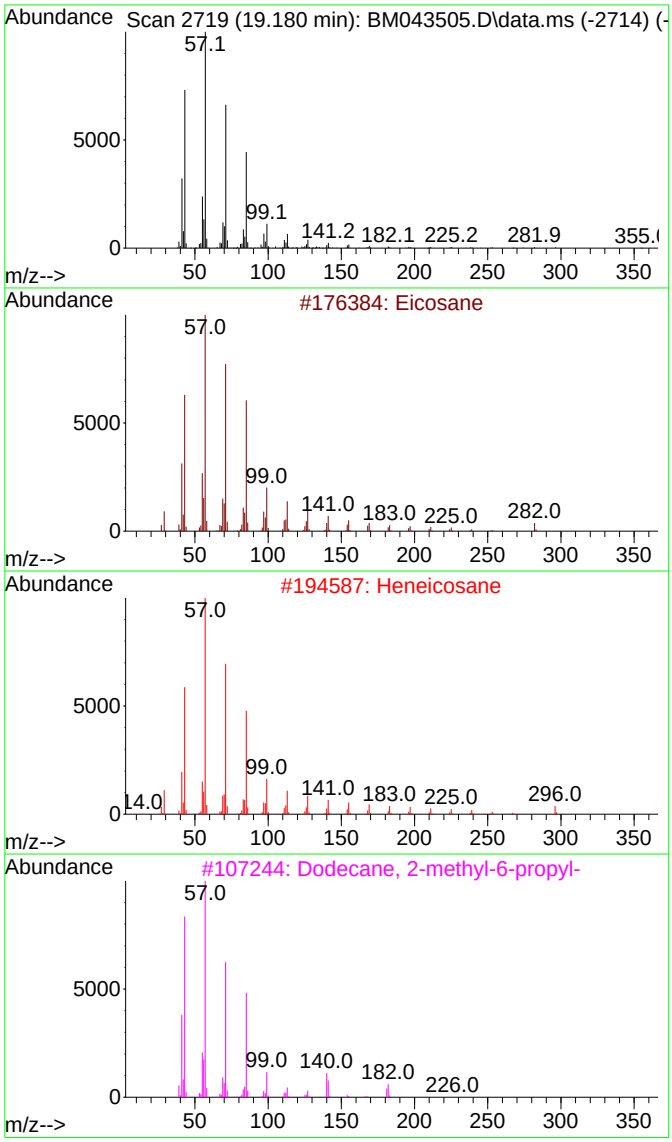
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

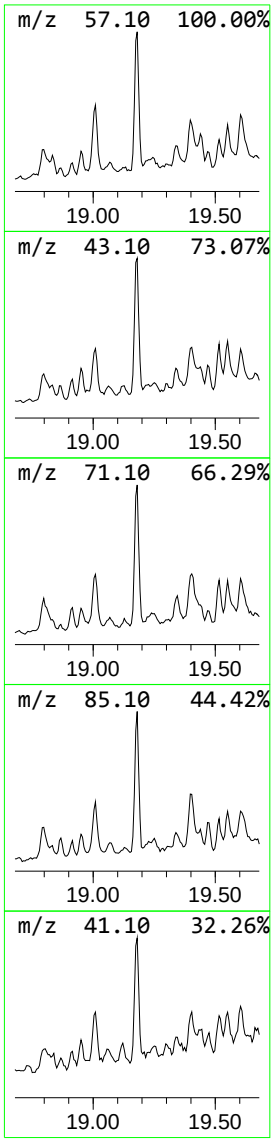
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	5.53 ng/ul	649998	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

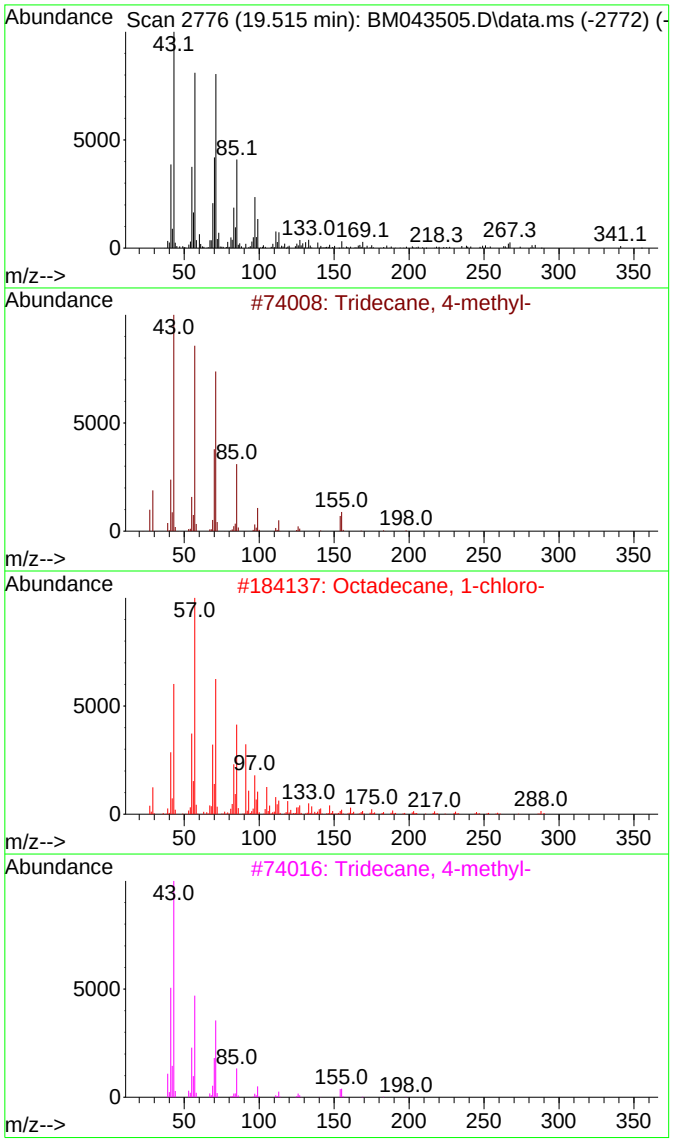
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

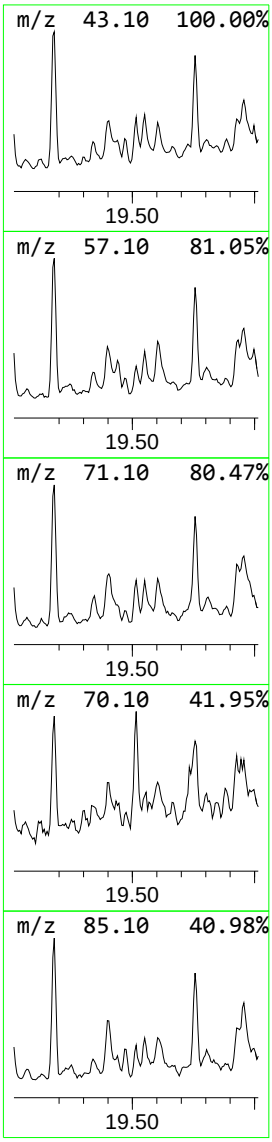
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.515	2.02 ng/ul	257905	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	72
3	Tridecane, 4-methyl-	198	C14H30	026730-12-1	64
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
5	Eicosane	282	C20H42	000112-95-8	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043505.D
Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

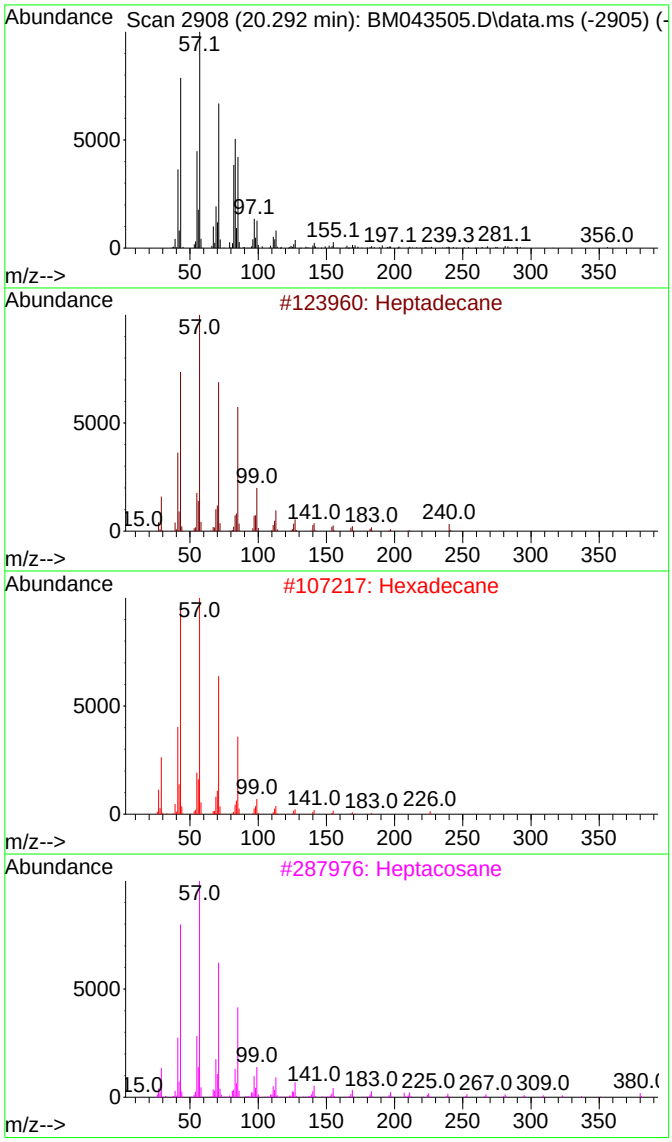
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

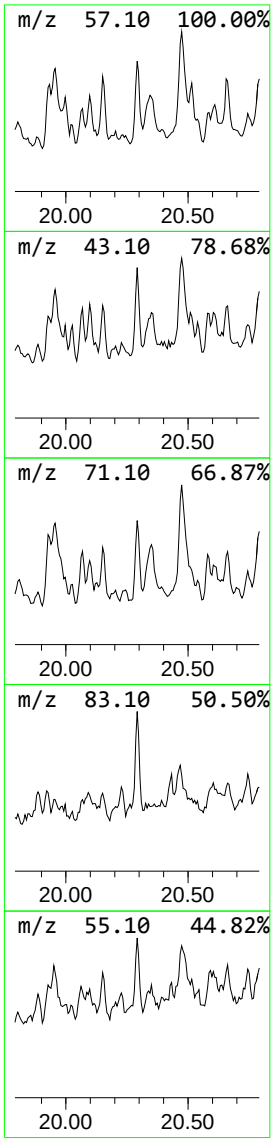
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.291	2.28 ng/ul	291378	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Hexadecane	226	C16H34	000544-76-3	78
3	Heptacosane	380	C27H56	000593-49-7	58
4	Tetracosane	338	C24H50	000646-31-1	58
5	10-Methylnonadecane	282	C20H42	056862-62-5	58





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Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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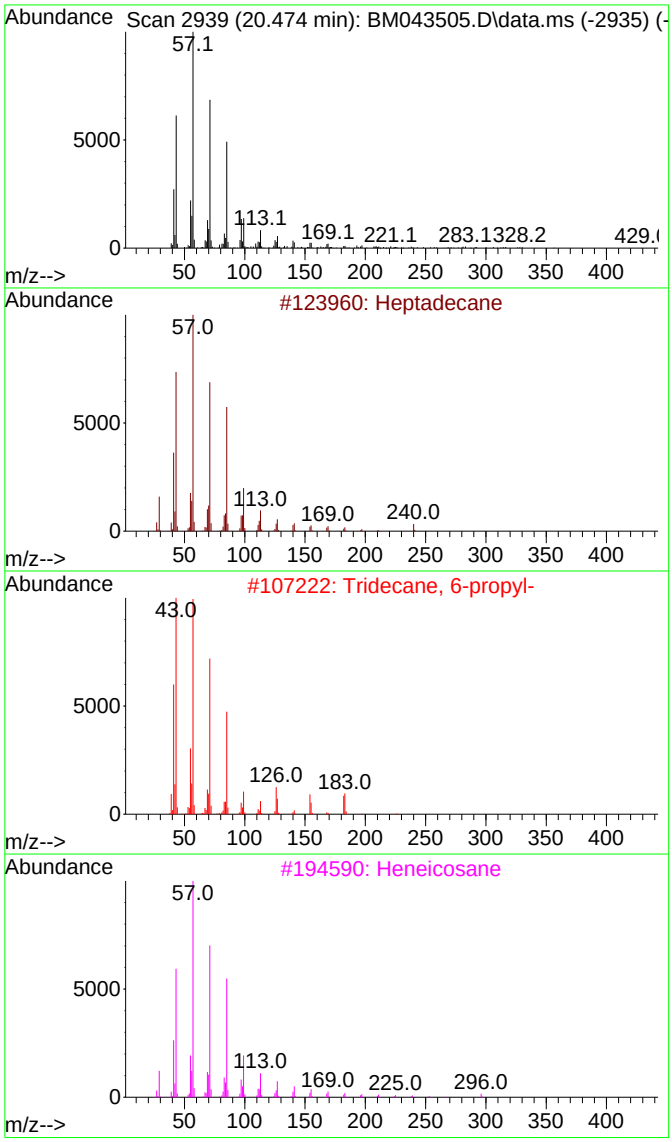
Quant Title : SVOA CALIBRATION

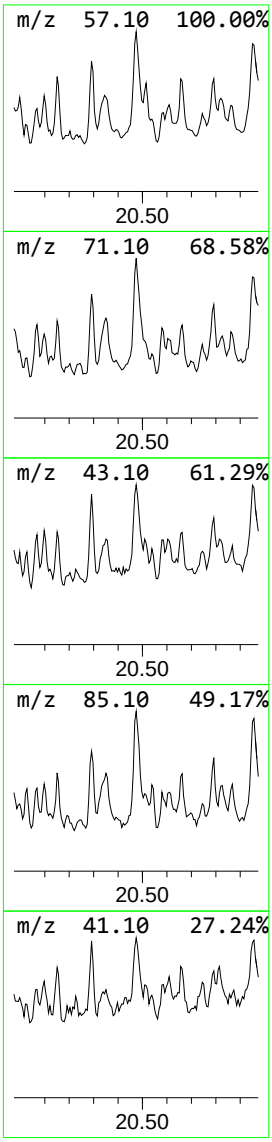
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.474	3.47 ng/ul	443712	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
3	Heneicosane	296	C21H44	000629-94-7	83
4	Docosane	310	C22H46	000629-97-0	80
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80





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Acq On : 21 Dec 2023 16:35
Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

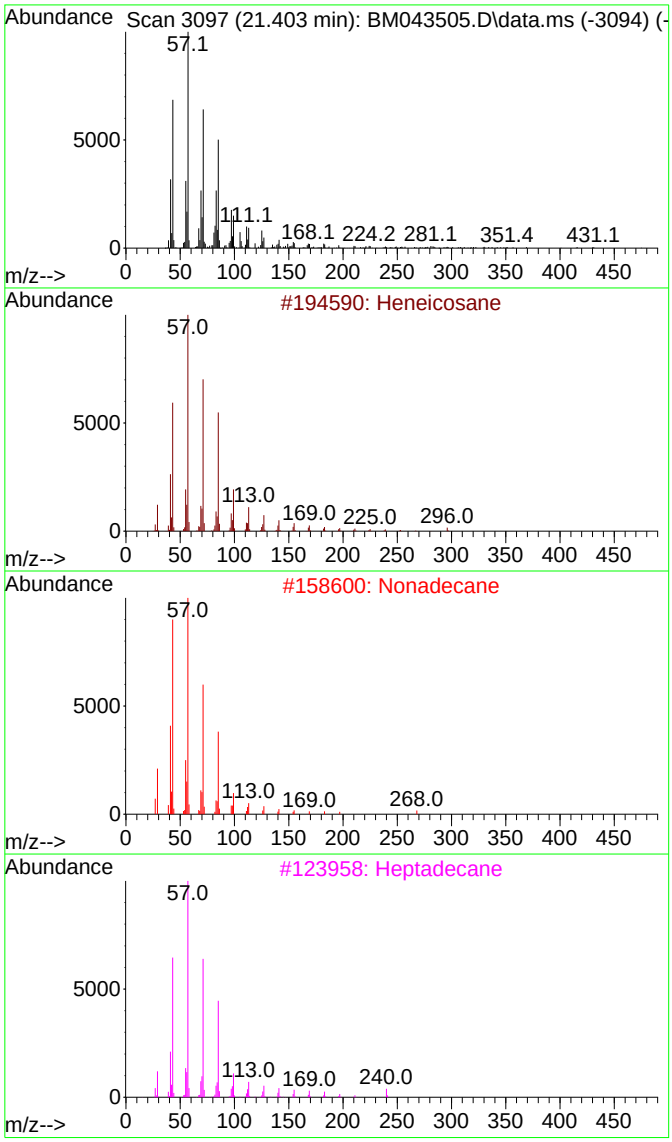
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

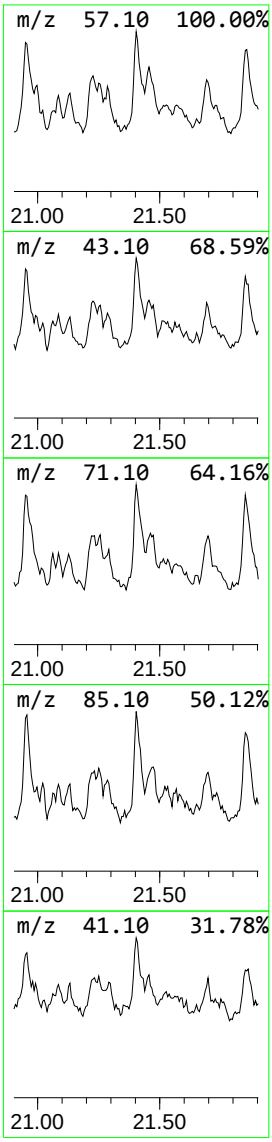
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.403	4.09 ng/ul	523032	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Nonadecane	268	C19H40	000629-92-5	94
3	Heptadecane	240	C17H36	000629-78-7	93
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	91
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
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Operator : MA/JU
Sample : 05912-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH3P5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.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
(DEL) Alkane: S...	17.851	3.1	ng/ul	363347	4	17.351	2351430	20.0
(DEL) Alkane: S...	18.545	5.5	ng/ul	653068	4	17.351	2351430	20.0
(DEL) Alkane: S...	19.009	2.4	ng/ul	278249	4	17.351	2351430	20.0
(DEL) Alkane: S...	19.180	5.5	ng/ul	649998	4	17.351	2351430	20.0
(DEL) Alkane: S...	19.515	2.0	ng/ul	257905	5	21.533	2557220	20.0
(DEL) Alkane: S...	20.291	2.3	ng/ul	291378	5	21.533	2557220	20.0
(DEL) Alkane: S...	20.474	3.5	ng/ul	443712	5	21.533	2557220	20.0
(DEL) Alkane: S...	21.403	4.1	ng/ul	523032	5	21.533	2557220	20.0