LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051245.D
Acq On : 25 Nov 2021 15:17
Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DBLP6

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_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

Signal : TIC: BG051245.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.982	79	84	95	rBV	16243	29590	2.17%	0.278%
2	4.082	97	101	108	rVV	8287	13398	0.98%	0.126%
3	4.205	117	122	129	rVB	9047	14009	1.03%	0.132%
4	4.311	136	140	148	rBV	9458	15432	1.13%	0.145%
5	5.245	294	299	304	rBV3	5147	9858	0.72%	0.093%
6	5.345	311	316	320	rBB3	7444	11752	0.86%	0.111%
7	5.498	338	342	350	rVV4	5670	9827	0.72%	0.092%
8	5.797	388	393	402	rVB2	11816	20947	1.54%	0.197%
9	6.173	449	457	462	rBV4	12755	26676	1.96%	0.251%
10	6.826	560	568	572	rBV4	6999	14718	1.08%	0.138%
11	7.160	618	625	629	rBV4	4820	7618	0.56%	0.072%
12	7.360	648	659	672	rVB	71473	153398	11.26%	1.443%
13	7.513	679	685	692	rBV	52602	94070	6.90%	0.885%
14	7.560	692	693	701	rVV4	3846	5904	0.43%	0.056%
15	7.730	716	722	728	rBV	71178	124340	9.13%	1.170%
16	7.783	728	731	735	rVV	9854	14343	1.05%	0.135%
17	7.830	735	739	744	rVB2	8292	13226	0.97%	0.124%
18	8.142	787	792	795	rVV2	6848	10157	0.75%	0.096%
19	8.200	795	802	812	rVV	143636	249932	18.34%	2.351%
20	8.306	814	820	827	rBV3	6710	11358	0.83%	0.107%
21	8.835	904	910	914	rVB2	4372	6919	0.51%	0.065%
22	8.917	914	924	934	rBV	72320	136122	9.99%	1.281%
23	9.035	939	944	950	rVV4	4137	7640	0.56%	0.072%
24	9.376	994	1002	1012	rBV	73831	152788	11.21%	1.438%
25	9.511	1022	1025	1034	rVB3	3212	5652	0.41%	0.053%
26	10.104	1117	1126	1134	rVB	65143	118212	8.68%	1.112%
27	10.410	1172	1178	1183	rBV4	4323	7742	0.57%	0.073%
28	10.650	1213	1219	1227	rBV	86131	163798	12.02%	1.541%
29	10.774	1236	1240	1247	rBV4	6888	12449	0.91%	0.117%
30	10.956	1265	1271	1276	rBV2	12159	19226	1.41%	0.181%
31	11.027	1276	1283	1289	rVV	213008	392411	28.80%	3.692%
32	11.074	1289	1291	1298	rVB	32681	49858	3.66%	0.469%
33	11.144	1298	1303	1304	rBV	8570	10445	0.77%	0.098%
34	11.173	1304	1308	1316	rVB2	11964	22971	1.69%	0.216%
35	11.896	1427	1431	1437	rVB4	3961	7041	0.52%	0.066%
36	12.002	1442	1449	1455	rBV	18356	30776	2.26%	0.290%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

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 >
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

37	12.390	1509	1515	1522	rVB	17579	26534	1.95%	0.250%
38	12.672	1555	1563	1571	rVB	52711	85294	6.26%	0.802%
39	12.889	1594	1600	1607	rVB	34825	59125	4.34%	0.556%
40	13.195	1646	1652	1658	rVB4	6058	11814	0.87%	0.111%
41	13.271	1658	1665	1669	rBV7	3514	6258	0.46%	0.059%
42	13.330	1670	1675	1681	rVV	15952	23441	1.72%	0.221%
43	13.424	1686	1691	1697	rVB5	4294	7692	0.56%	0.072%
44	13.618	1717	1724	1729	rBV	23808	34053	2.50%	0.320%
45	13.670	1729	1733	1743	rVB8	9523	24882	1.83%	0.234%
46	13.770	1743	1750	1755	rBV5	3762	6900	0.51%	0.065%
47	13.858	1761	1765	1768	rBV2	3749	6254	0.46%	0.059%
48	14.005	1779	1790	1797	rBV4	14816	41103	3.02%	0.387%
49	14.146	1809	1814	1819	rBV2	27468	49345	3.62%	0.464%
50	14.223	1819	1827	1832	rBV	179123	286574	21.03%	2.696%
51	14.270	1832	1835	1839	rVB	29304	38183	2.80%	0.359%
52	14.387	1847	1855	1859	rBV	19464	35912	2.64%	0.338%
53	14.528	1873	1879	1891	rVB	198687	334229	24.53%	3.145%
54	14.687	1901	1906	1912	rVB	22290	31121	2.28%	0.293%
55	14.834	1918	1931	1942	rBV	337842	568504	41.72%	5.349%
56	15.057	1960	1969	1975	rBV2	40788	88720	6.51%	0.835%
57	15.186	1987	1991	1995	rBV6	10053	20418	1.50%	0.192%
58	15.227	1995	1998	2004	rVB3	20738	35092	2.58%	0.330%
59	15.298	2005	2010	2018	rVB5	12775	23140	1.70%	0.218%
60	15.439	2028	2034	2039	rBV3	7996	15679	1.15%	0.148%
61	15.492	2039	2043	2051	rVB3	9644	14918	1.09%	0.140%
62	15.598	2054	2061	2062	rBV2	14544	24225	1.78%	0.228%
63	15.633	2063	2067	2074	rVB3	34416	55562	4.08%	0.523%
64	15.709	2074	2080	2081	rBV4	4053	6473	0.48%	0.061%
65	15.821	2093	2099	2104	rBV	251088	393803	28.90%	3.705%
66	15.950	2116	2121	2128	rBV	48333	79762	5.85%	0.750%
67	16.038	2132	2136	2140	rVB	16117	22767	1.67%	0.214%
68	16.168	2150	2158	2164	rBV7	20094	47651	3.50%	0.448%
69	16.262	2170	2174	2176	rBV4	5662	6439	0.47%	0.061%
70	16.314	2179	2183	2190	rBV	13038	26294	1.93%	0.247%
71	16.408	2196	2199	2202	rBV2	5384	5267	0.39%	0.050%
72	16.514	2209	2217	2224	rVB	118632	210649	15.46%	1.982%
73	16.655	2239	2241	2244	rVV3	4285	5707	0.42%	0.054%
74	16.714	2249	2251	2257	rVV6	7490	10048	0.74%	0.095%
75	17.113	2313	2319	2322	rVV3	13724	26247	1.93%	0.247%
76	17.237	2336	2340	2343	rBV2	8306	14447	1.06%	0.136%

LSC Area Percent Report

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Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Title : SVOA CALIBRATION

77	17.290	2343	2349	2354	rVV3	41332	79648	5.85%	0.749%
78	17.337	2354	2357	2364	rVB2	17167	27211	2.00%	0.256%
79	17.448	2373	2376	2379	rVB4	13498	15438	1.13%	0.145%
80	17.584	2392	2399	2403	rBV	395533	623441	45.75%	5.866%
81	17.625	2403	2406	2410	rVV	76386	107724	7.91%	1.014%
82	17.678	2410	2415	2425	rVB2	234923	378164	27.75%	3.558%
83	18.030	2471	2475	2482	rVB	40477	56056	4.11%	0.527%
84	18.206	2502	2505	2510	rVB4	15902	22630	1.66%	0.213%
85	18.506	2553	2556	2563	rVB2	27532	41456	3.04%	0.390%
86	18.641	2575	2579	2583	rBV3	18989	35017	2.57%	0.329%
87	18.717	2589	2592	2595	rVB	35430	39708	2.91%	0.374%
88	18.941	2628	2630	2635	rBV3	9243	11053	0.81%	0.104%
89	19.340	2694	2698	2704	rBV2	55288	80557	5.91%	0.758%
90	19.628	2742	2747	2752	rVB	97475	149775	10.99%	1.409%
91	19.910	2792	2795	2798	rBV	36209	43951	3.23%	0.414%
92	19.957	2798	2803	2815	rVB2	299067	592267	43.47%	5.572%
93	20.439	2882	2885	2889	rBV	52168	55422	4.07%	0.521%
94	20.938	2968	2970	2975	rVB	40210	44171	3.24%	0.416%
95	21.467	3056	3060	3069	rVB2	119119	205974	15.12%	1.938%
96	21.884	3125	3131	3136	rBV	333521	567822	41.67%	5.342%
97	22.660	3259	3263	3266	rBV2	70428	107866	7.92%	1.015%
98	24.235	3524	3531	3539	rVB	394145	902320	66.22%	8.490%
99	25.051	3665	3670	3678	rVB2	111027	273200	20.05%	2.570%
100	26.426	3893	3904	3918	rVB	414507	1362626	100.00%	12.820%

Sum of corrected areas: 10628626

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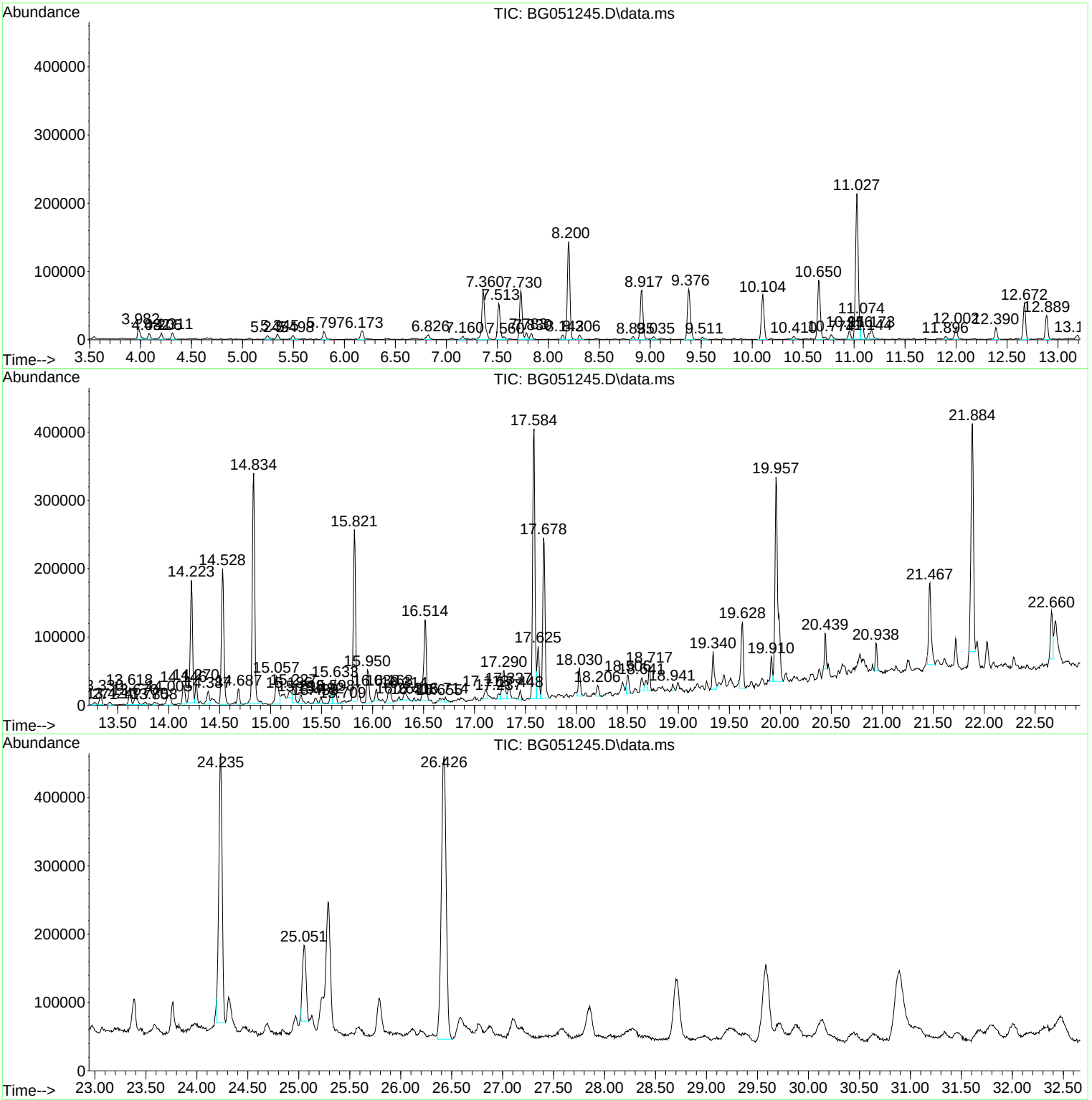
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

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



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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

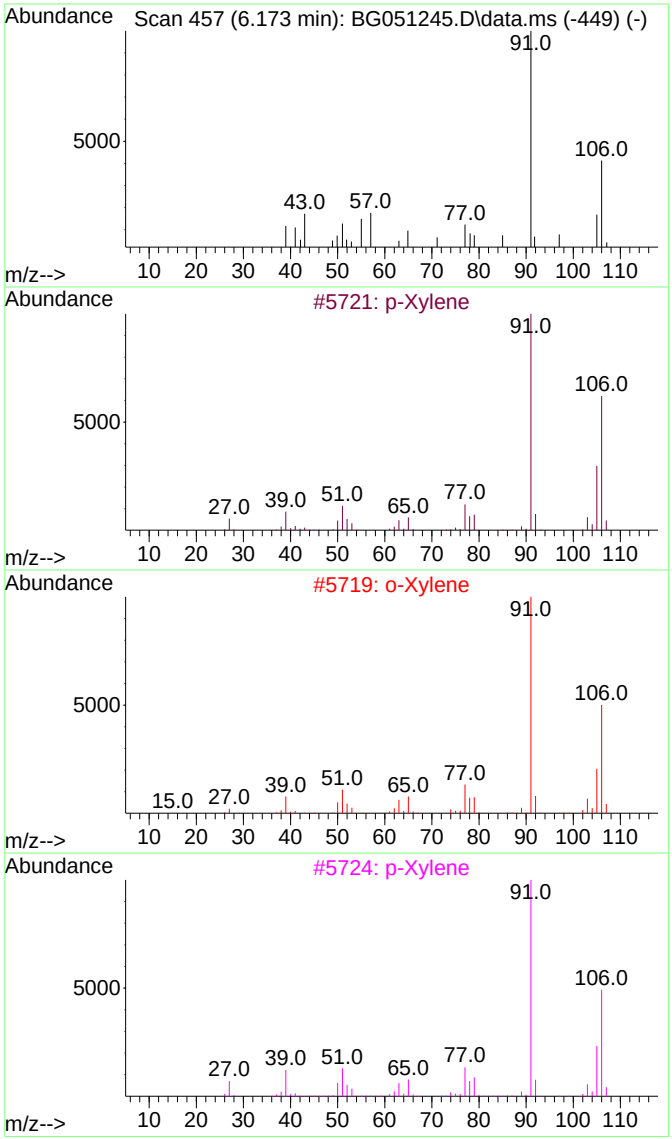
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

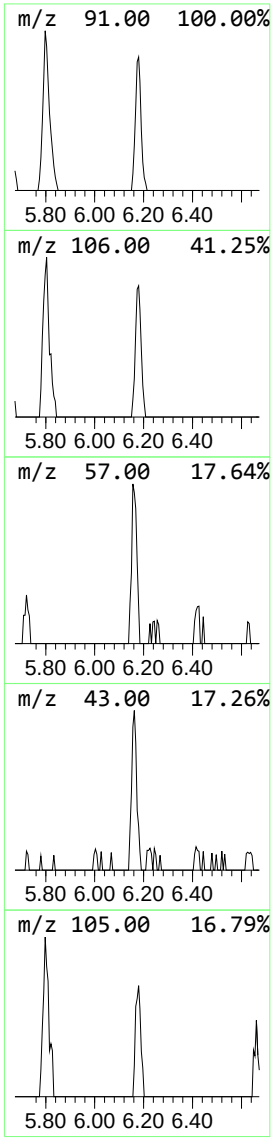
****

Peak Number 1 p-Xylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.173	2.13 ng/ul	26676	1,4-Dichlorobenzene-d4	8.200

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	87
2	o-Xylene	106	C8H10	000095-47-6	87
3	p-Xylene	106	C8H10	000106-42-3	87
4	o-Xylene	106	C8H10	000095-47-6	87
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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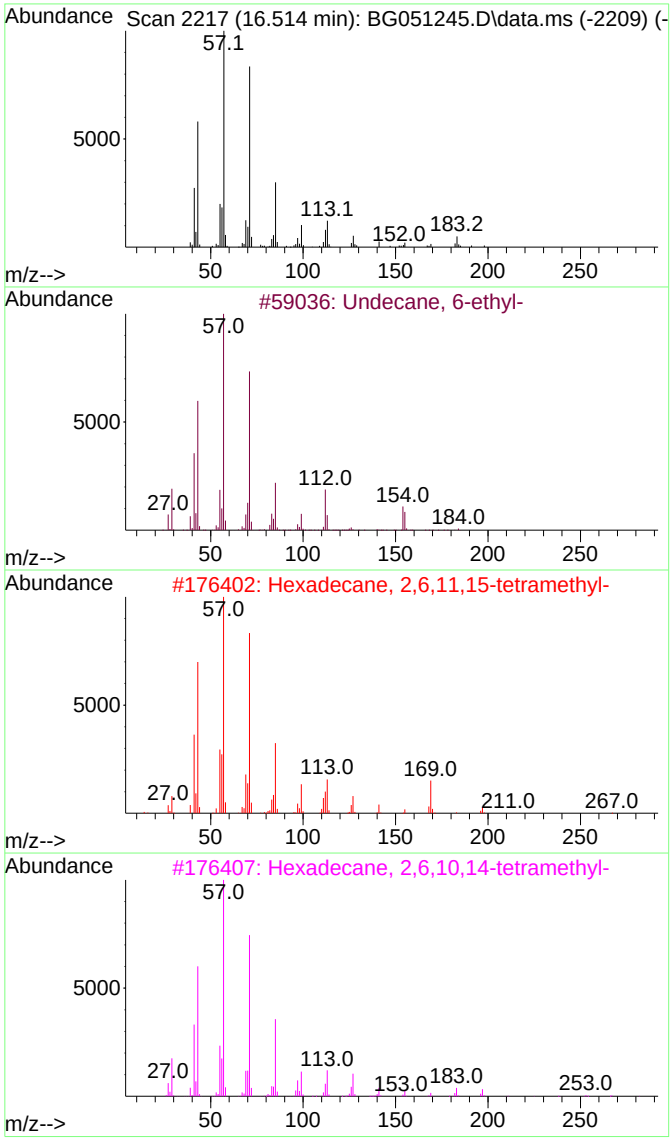
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

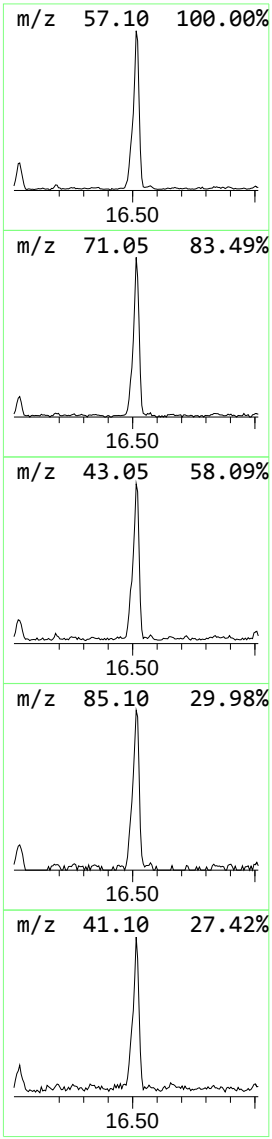
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.514	6.76 ng/ul	210649	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6-ethyl-	184	C13H28	017312-60-6	90
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
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BNA_G
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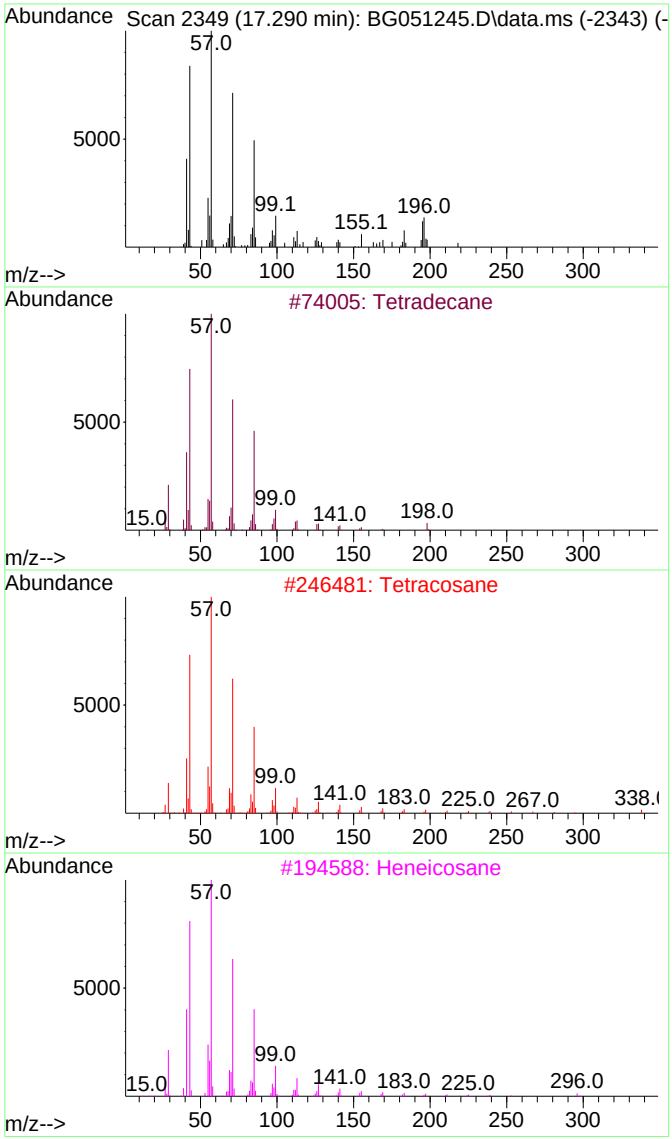
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

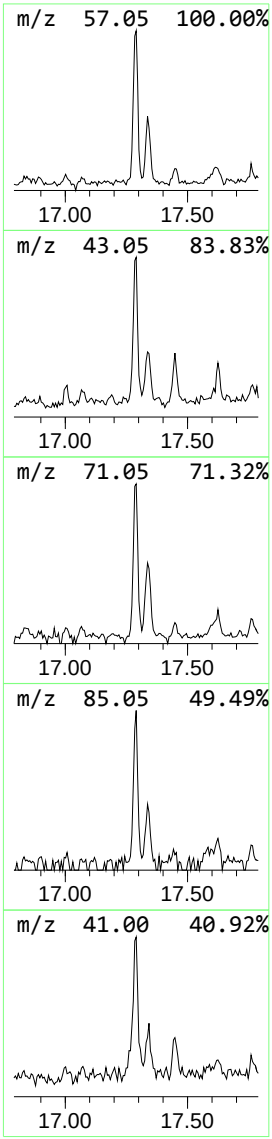
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.290	2.56 ng/ul	79648	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tetracosane	338	C24H50	000646-31-1	72
3	Heneicosane	296	C21H44	000629-94-7	72
4	Heptadecane	240	C17H36	000629-78-7	68
5	Tetradecane	198	C14H30	000629-59-4	68





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

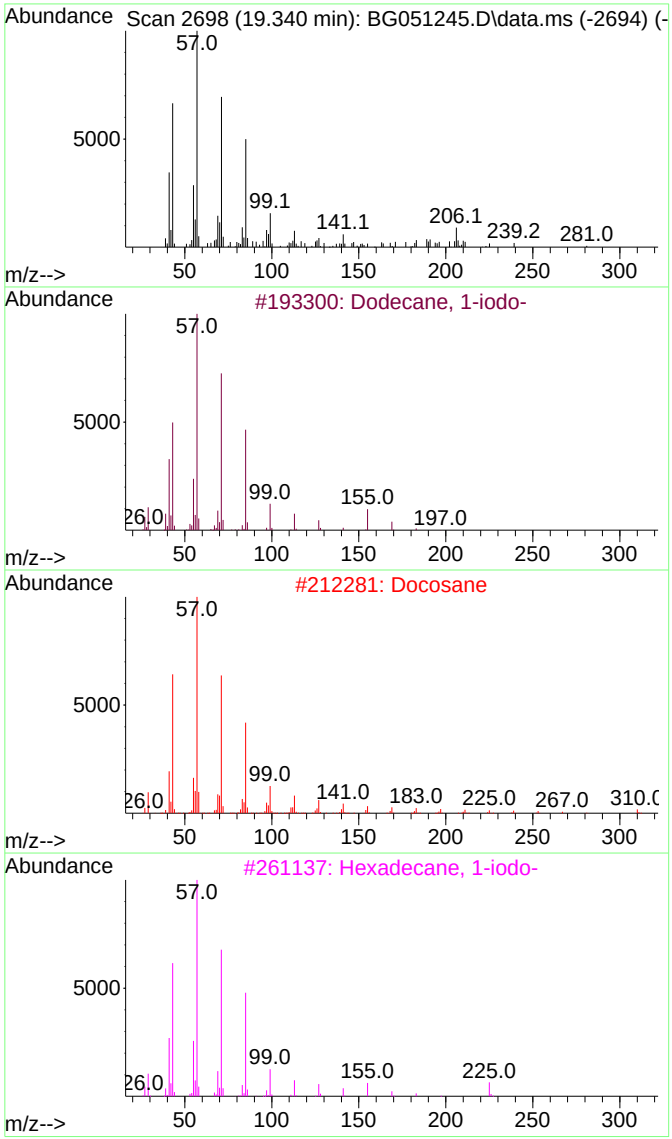
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

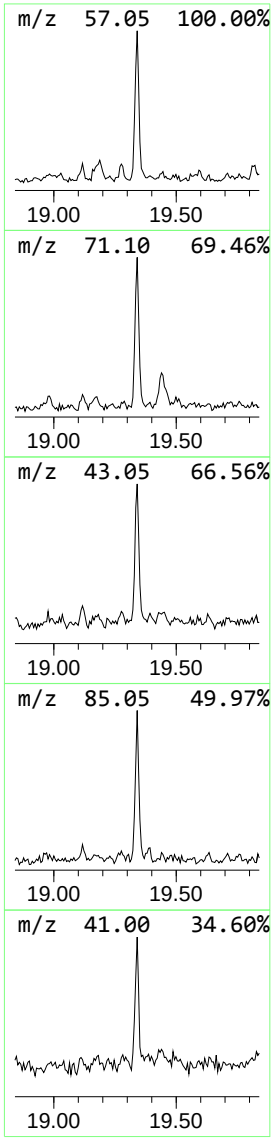
****

Peak Number 4 Dodecane, 1-iodo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.340	2.58 ng/ul	80557	Phenanthrene-d10	17.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	74
2	Docosane	310	C22H46	000629-97-0	72
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





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Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

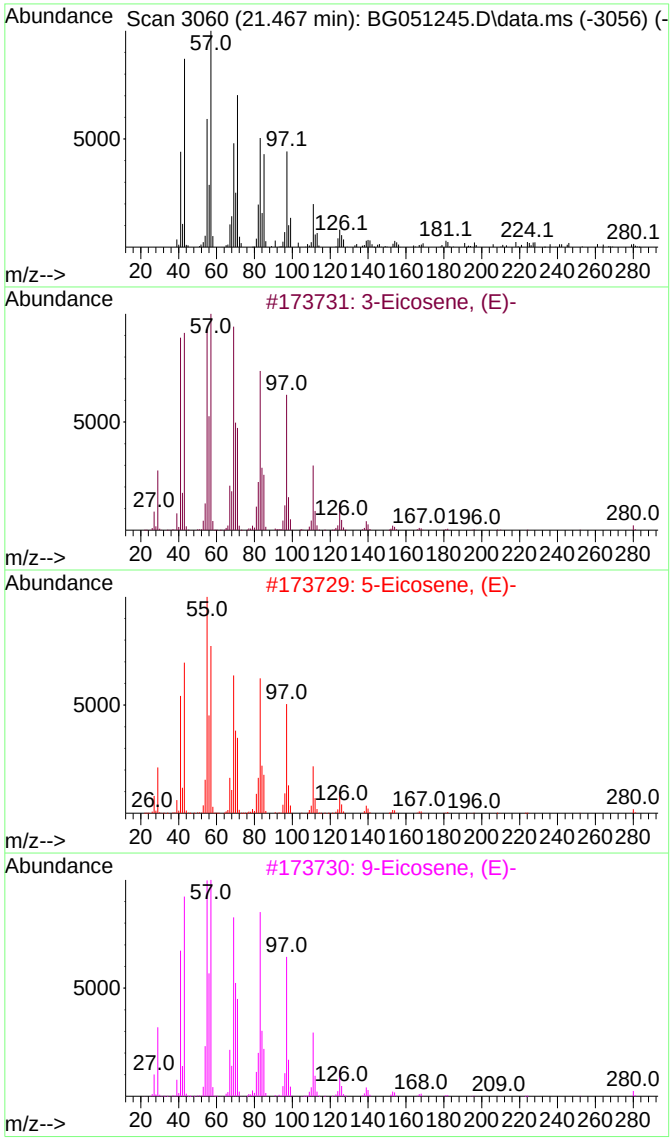
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

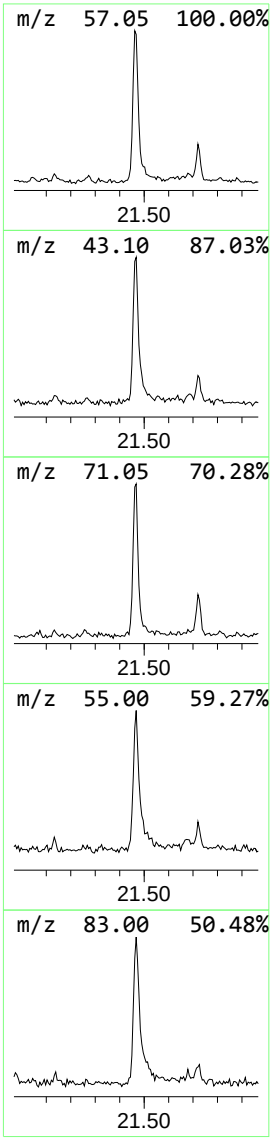
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.467	7.25 ng/ul	205974	Chrysene-d12	21.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	96
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	90





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Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

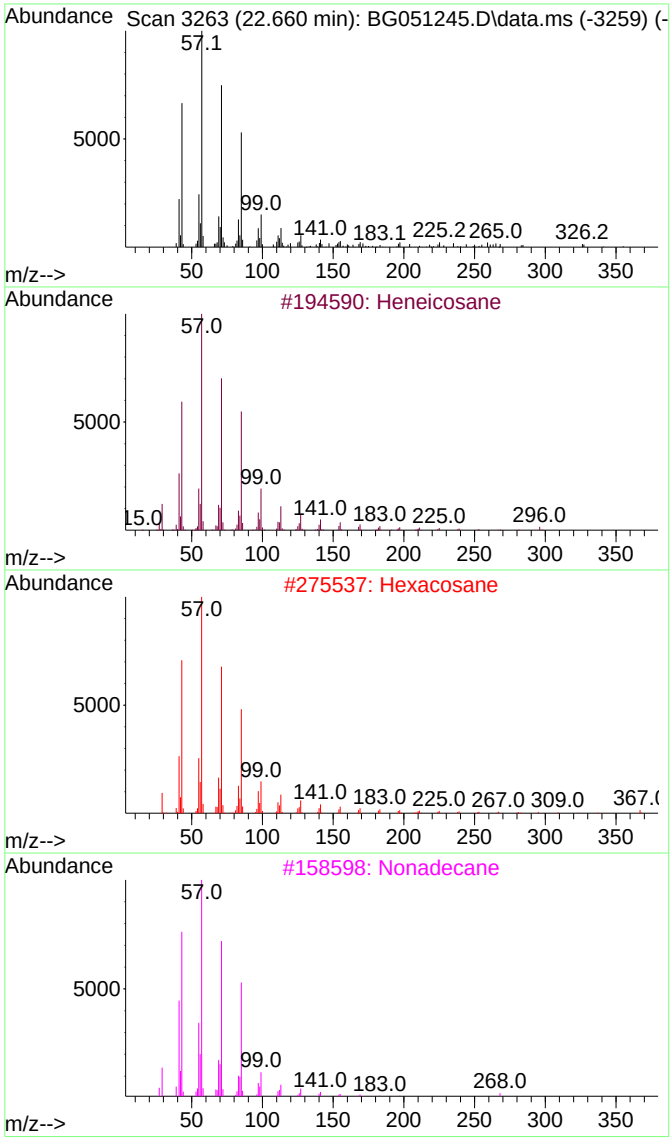
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

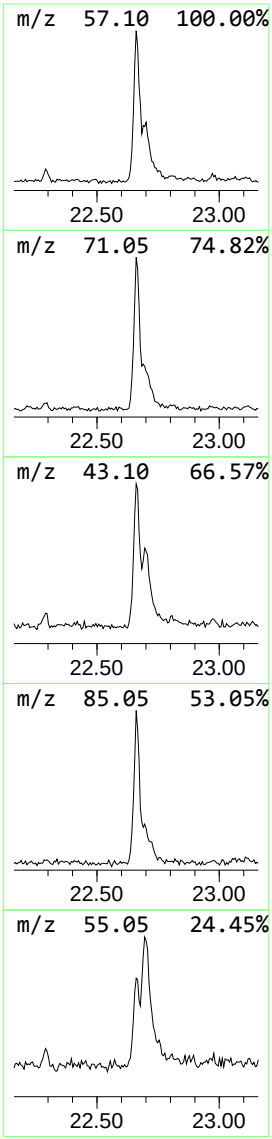
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.660	3.80 ng/ul	107866	Chrysene-d12	21.884

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051245.D
Acq On : 25 Nov 2021 15:17
Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

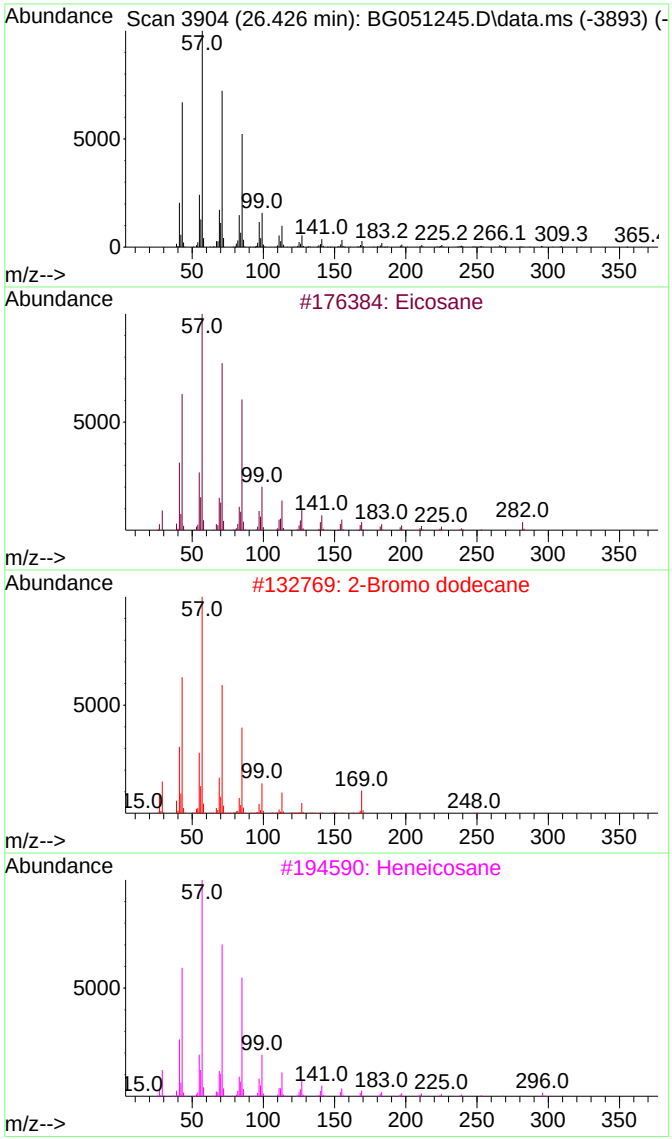
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.M
Quant Title : SVOA CALIBRATION

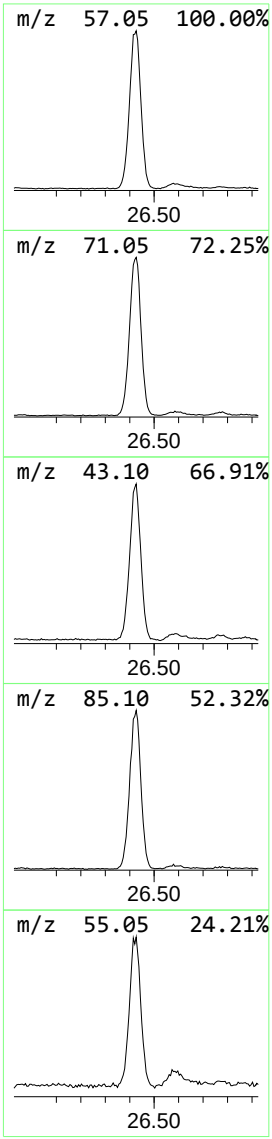
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.426	99.75 ng/ul	1362630	Perylene-d12	25.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Tetratetracontane	619	C44H90	007098-22-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112321\
Data File : BG051245.D
Acq On : 25 Nov 2021 15:17
Operator : CG/JU
Sample : M4702-11
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBLP6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112321.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
p-Xylene	6.173	2.1	ng/ul	26676	1	8.200	249932	20.0
(DEL) Alkane: S...	16.514	6.8	ng/ul	210649	4	17.584	623441	20.0
(DEL) Alkane: S...	17.290	2.6	ng/ul	79648	4	17.584	623441	20.0
Dodecane, 1-iodo-	19.340	2.6	ng/ul	80557	4	17.584	623441	20.0
(DEL) Alkane: S...	21.467	7.3	ng/ul	205974	5	21.884	567822	20.0
(DEL) Alkane: S...	22.660	3.8	ng/ul	107866	5	21.884	567822	20.0
(DEL) Alkane: S...	26.426	99.8	ng/ul	1362630	6	25.292	273200	20.0