LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

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-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM032016.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.704	611	615	621	rBV2	6378	11968	0.79%	0.081%
2	6.863	636	642	655	rVB	31587	60205	3.96%	0.406%
3	7.045	666	673	681	rBV	32708	59631	3.92%	0.402%
4	7.498	744	750	757	rBV	237094	379020	24.92%	2.556%
5	7.857	805	811	819	rBV	117989	192413	12.65%	1.297%
6	8.222	868	873	880	rBV2	22021	39668	2.61%	0.267%
7	8.587	929	935	941	rBV6	4928	7790	0.51%	0.053%
8	8.657	941	947	955	rBV	54310	92680	6.09%	0.625%
9	8.834	971	977	982	rBV5	5627	8796	0.58%	0.059%
10	8.951	991	997	1005	rVV5	5948	13490	0.89%	0.091%
11	9.369	1061	1068	1075	rBV2	33351	61230	4.03%	0.413%
12	9.516	1086	1093	1098	rVB2	9094	14419	0.95%	0.097%
13	9.657	1112	1117	1131	rVV	35424	64775	4.26%	0.437%
14	9.904	1153	1159	1171	rBV2	48555	94835	6.24%	0.639%
15	10.104	1188	1193	1205	rBV4	3126	8210	0.54%	0.055%
16	10.257	1212	1219	1225	rVV	342860	558855	36.75%	3.768%
17	10.304	1225	1227	1235	rVB2	10789	15445	1.02%	0.104%
18	10.422	1242	1247	1256	rBV2	35499	71765	4.72%	0.484%
19	11.363	1402	1407	1413	rBV3	8646	16121	1.06%	0.109%
20	11.816	1476	1484	1493	rBV	23275	39968	2.63%	0.269%
21	11.928	1496	1503	1512	rBV	69148	113202	7.44%	0.763%
22	12.051	1518	1524	1528	rBV4	5457	8646	0.57%	0.058%
23	12.151	1528	1541	1553	rVB	194393	343231	22.57%	2.314%
24	13.163	1709	1713	1714	rVV3	8975	11851	0.78%	0.080%
25	13.186	1715	1717	1723	rVB3	14164	17324	1.14%	0.117%
26	13.310	1729	1738	1746	rBV4	15189	41491	2.73%	0.280%
27	13.457	1757	1763	1768	rBV2	42709	77724	5.11%	0.524%
28	13.510	1768	1772	1776	rVV3	15367	24766	1.63%	0.167%
29	13.569	1776	1782	1790	rVB	156491	233901	15.38%	1.577%
30	13.692	1798	1803	1806	rBV2	25281	37560	2.47%	0.253%
31	13.727	1806	1809	1813	rVB2	15736	20536	1.35%	0.138%
32	13.827	1820	1826	1830	rBV	156371	234250	15.40%	1.580%
33	13.863	1830	1832	1841	rVB3	34018	44504	2.93%	0.300%
34	14.139	1872	1879	1884	rBV	589546	857627	56.40%	5.783%
35	14.204	1884	1890	1900	rVV	1011670	1409452	92.68%	9.504%
36	14.374	1911	1919	1924	rVV6	4039	10400	0.68%	0.070%

LSC Area Percent Report

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Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

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-BM082821.M
Title : SVOA CALIBRATION

37	14.457	1924	1933	1938	rVB3	18750	36754	2.42%	0.248%
38	14.545	1942	1948	1955	rVV	77065	117650	7.74%	0.793%
39	14.627	1957	1962	1967	rVB3	5955	10053	0.66%	0.068%
40	14.768	1979	1986	1992	rBV4	9341	21215	1.40%	0.143%
41	15.145	2044	2050	2054	rBV	240348	344134	22.63%	2.320%
42	15.198	2054	2059	2067	rVB	295153	426149	28.02%	2.873%
43	15.298	2071	2076	2078	rBV2	50912	77037	5.07%	0.519%
44	15.321	2078	2080	2083	rVV	37290	44216	2.91%	0.298%
45	15.363	2083	2087	2092	rVV2	31556	47626	3.13%	0.321%
46	15.416	2092	2096	2099	rVV5	11231	15836	1.04%	0.107%
47	15.457	2099	2103	2105	rVV4	16421	22438	1.48%	0.151%
48	15.498	2105	2110	2117	rVB2	27154	40137	2.64%	0.271%
49	15.657	2132	2137	2143	rVV3	25436	50080	3.29%	0.338%
50	15.721	2143	2148	2154	rVB4	11593	20774	1.37%	0.140%
51	15.886	2170	2176	2184	rBV2	64026	104243	6.85%	0.703%
52	15.998	2189	2195	2204	rBV	27393	40994	2.70%	0.276%
53	16.080	2204	2209	2216	rBV8	2814	7820	0.51%	0.053%
54	16.168	2219	2224	2225	rBV3	5736	7947	0.52%	0.054%
55	16.210	2225	2231	2235	rVV3	12949	29676	1.95%	0.200%
56	16.257	2235	2239	2246	rVV4	12977	22867	1.50%	0.154%
57	16.351	2250	2255	2262	rVV4	7400	12490	0.82%	0.084%
58	16.715	2309	2317	2327	rVB2	28517	50329	3.31%	0.339%
59	16.821	2332	2335	2341	rBV6	6395	8729	0.57%	0.059%
60	16.898	2341	2348	2352	rBV	807426	1144745	75.28%	7.719%
61	16.939	2352	2355	2360	rVB	153951	203688	13.39%	1.373%
62	16.998	2360	2365	2369	rBV	299841	428964	28.21%	2.892%
63	17.104	2380	2383	2389	rVB7	9424	14867	0.98%	0.100%
64	17.315	2415	2419	2423	rVV2	7758	12187	0.80%	0.082%
65	17.362	2423	2427	2430	rVV3	6648	9685	0.64%	0.065%
66	17.433	2435	2439	2444	rVV7	5871	12218	0.80%	0.082%
67	17.545	2454	2458	2460	rBV4	9686	13197	0.87%	0.089%
68	17.568	2460	2462	2466	rVV4	10287	12419	0.82%	0.084%
69	17.627	2467	2472	2475	rVV5	9981	13526	0.89%	0.091%
70	17.751	2489	2493	2495	rBV4	9666	14069	0.93%	0.095%
71	17.774	2495	2497	2500	rVB2	10034	10080	0.66%	0.068%
72	17.827	2500	2506	2511	rBV2	69130	120587	7.93%	0.813%
73	17.909	2515	2520	2525	rVB5	11276	14461	0.95%	0.098%
74	17.968	2525	2530	2538	rBV3	41502	71895	4.73%	0.485%
75	18.086	2544	2550	2553	rBV4	24944	47795	3.14%	0.322%
76	18.133	2554	2558	2562	rVV	32104	47935	3.15%	0.323%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

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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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

77	18.174	2562	2565	2569	rVV5	17723	26084	1.72%	0.176%
78	18.227	2569	2574	2580	rVV2	38134	68584	4.51%	0.462%
79	18.292	2582	2585	2589	rVV4	13496	20945	1.38%	0.141%
80	18.333	2589	2592	2595	rVB2	9803	11625	0.76%	0.078%
81	18.504	2619	2621	2625	rBV5	5993	9010	0.59%	0.061%
82	18.568	2630	2632	2637	rVB5	8031	9676	0.64%	0.065%
83	18.621	2637	2641	2645	rBV5	8810	13233	0.87%	0.089%
84	18.680	2645	2651	2657	rVV9	5828	14381	0.95%	0.097%
85	18.933	2689	2694	2695	rBV4	8660	11911	0.78%	0.080%
86	18.968	2695	2700	2705	rVB	77549	107306	7.06%	0.724%
87	19.109	2720	2724	2732	rVB7	15763	23963	1.58%	0.162%
88	19.192	2733	2738	2740	rBV4	6800	10972	0.72%	0.074%
89	19.303	2751	2757	2765	rVV	398285	617753	40.62%	4.165%
90	19.727	2824	2829	2836	rBV	108276	173090	11.38%	1.167%
91	19.798	2837	2841	2849	rVB	61156	91816	6.04%	0.619%
92	19.903	2855	2859	2863	rBV	70032	99756	6.56%	0.673%
93	20.409	2941	2945	2947	rBV3	25189	33862	2.23%	0.228%
94	20.445	2947	2951	2960	rVB	178011	271634	17.86%	1.832%
95	21.103	3058	3063	3069	rBV	1253346	1520703	100.00%	10.254%
96	22.609	3316	3319	3325	rVB	82512	107134	7.05%	0.722%
97	23.103	3398	3403	3407	rBV	317562	546038	35.91%	3.682%
98	23.239	3420	3426	3434	rVB2	798234	1436825	94.48%	9.688%
99	23.744	3507	3512	3520	rVB	149059	266852	17.55%	1.799%
100	24.433	3624	3629	3635	rVB2	147969	288173	18.95%	1.943%

Sum of corrected areas: 14830587

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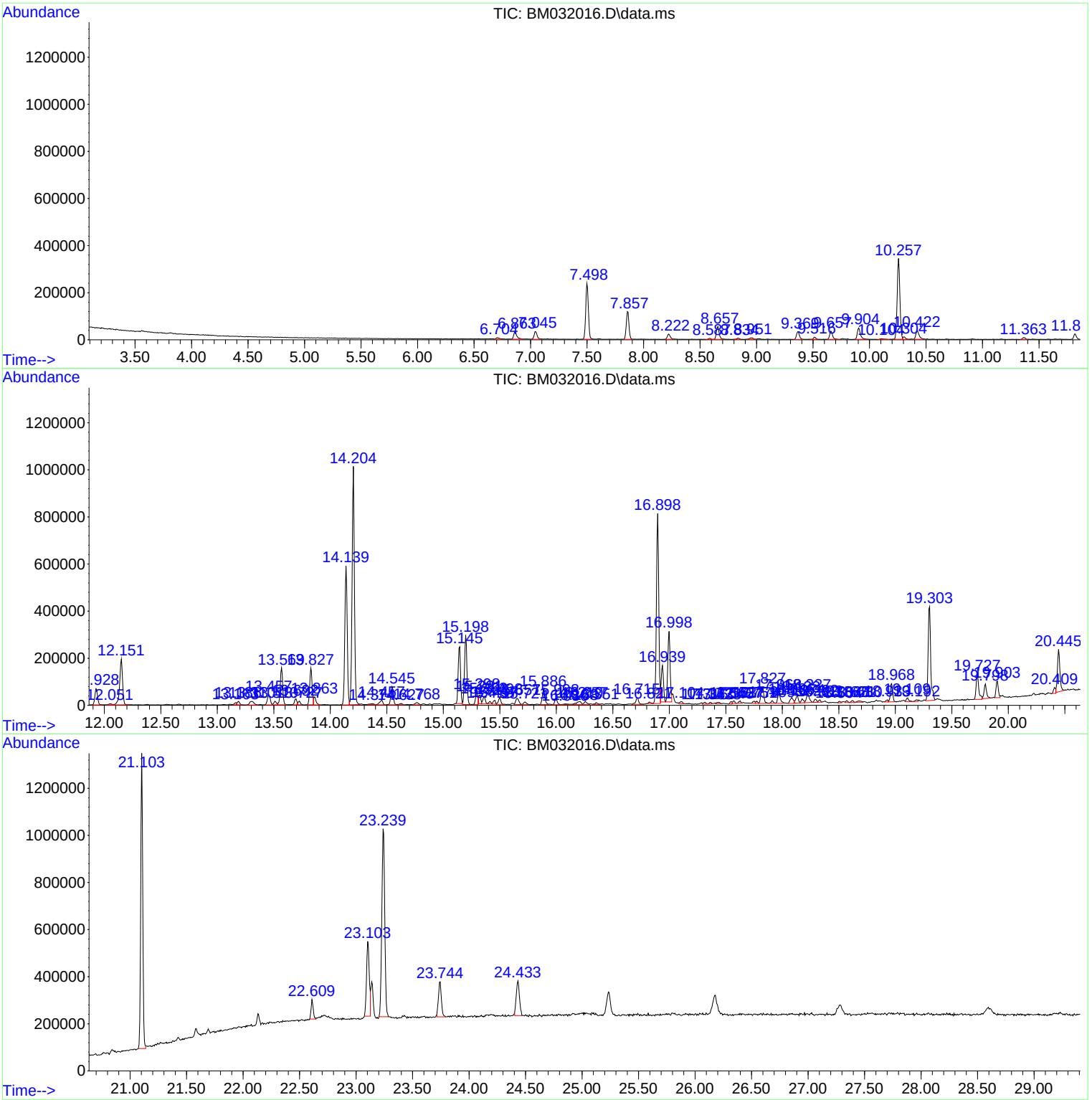
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
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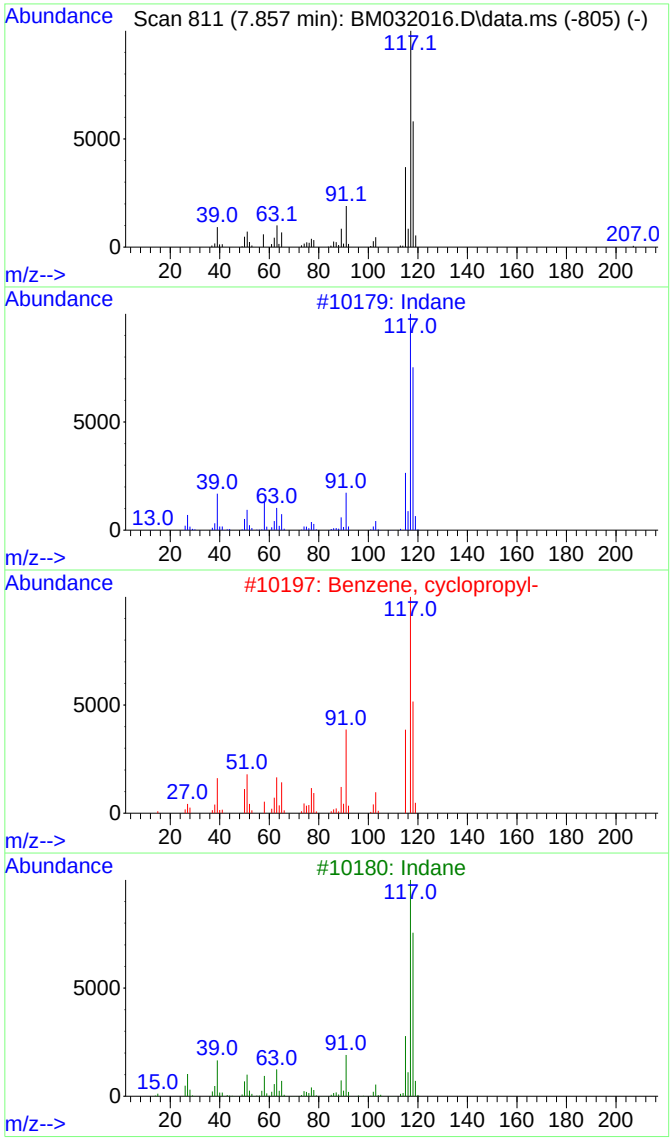
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

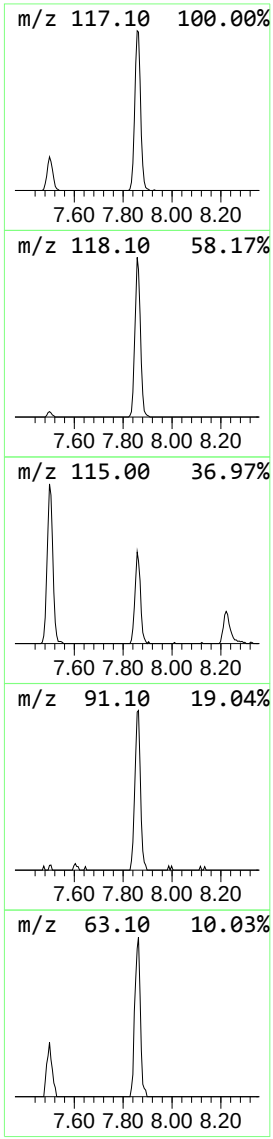
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	10.15 ng/ul	192413	1,4-Dichlorobenzene-d4	7.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	90
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	87
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD4DL

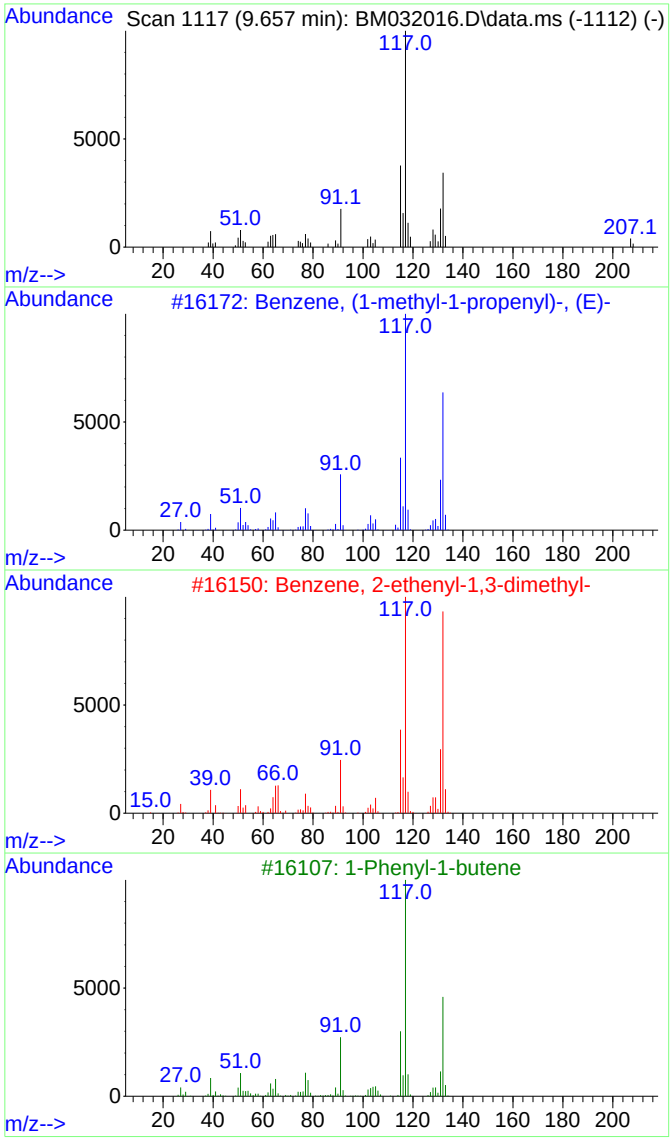
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

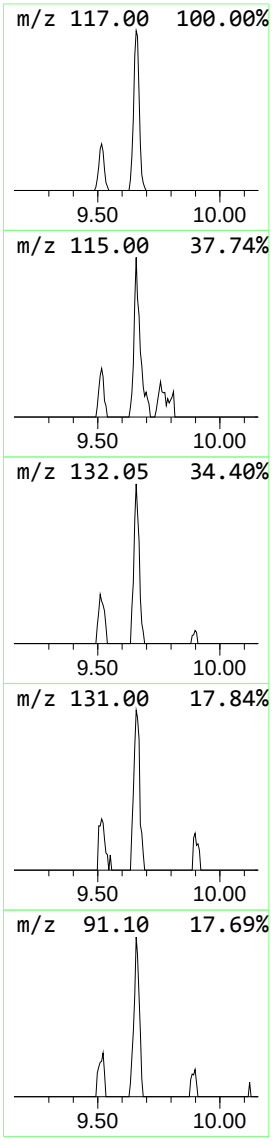
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, (1-methyl-1-propen... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	2.32 ng/ul	64775	Naphthalene-d8	10.257

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	91
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD4DL

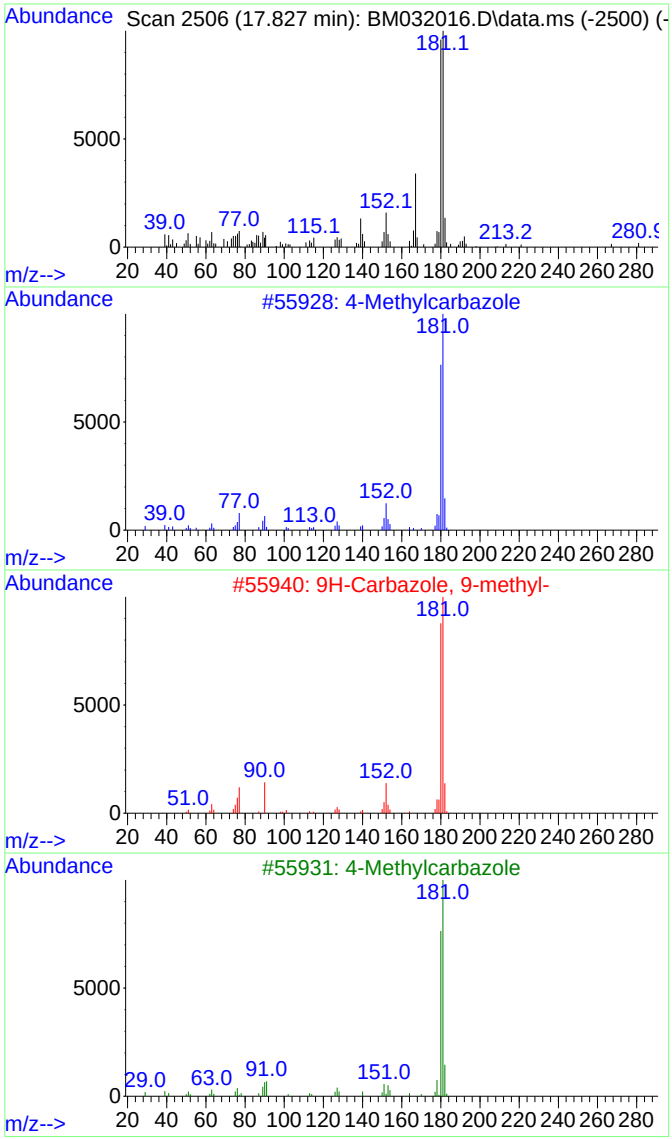
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

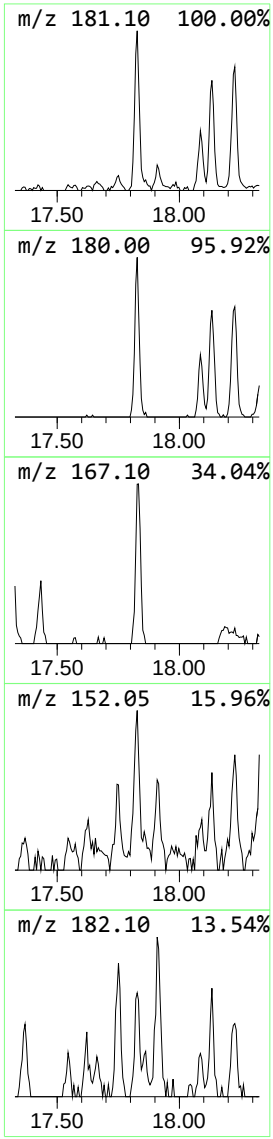
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Methylcarbazole Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.827	2.11 ng/ul	120587	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	96
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
3	4-Methylcarbazole	181	C13H11N	003770-48-7	94
4	3-Methylcarbazole	181	C13H11N	004630-20-0	94
5	1-Methylcarbazole	181	C13H11N	006510-65-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

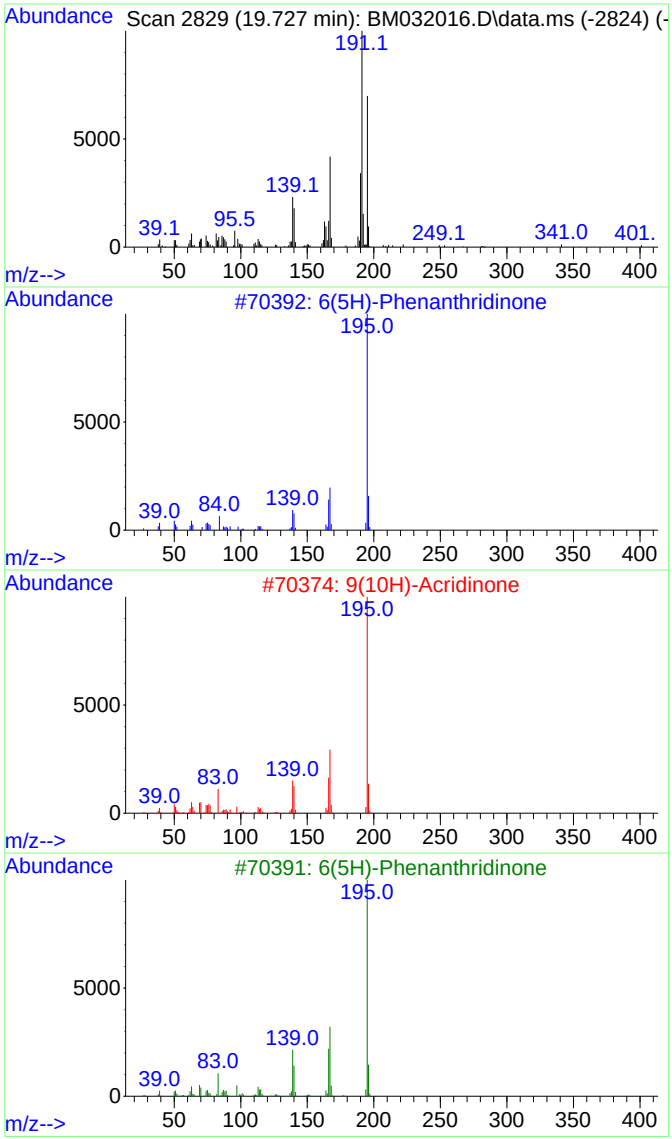
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

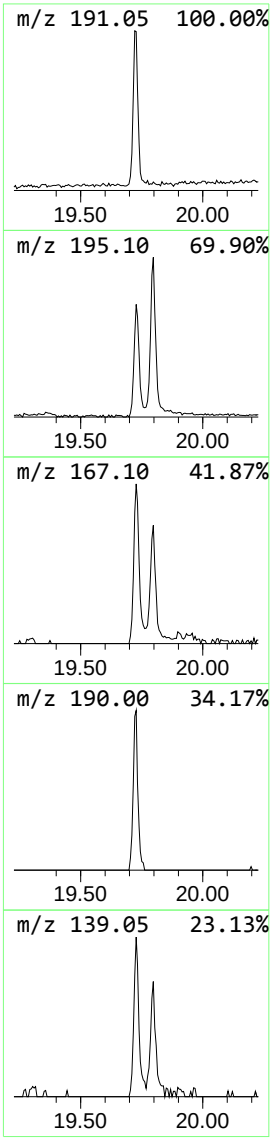
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 6(5H)-Phenanthridinone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	2.28 ng/ul	173090	Chrysene-d12	21.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	60
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	46
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	46
4	7-methyl-4-azafluorenone	195	C13H9NO	064292-02-0	46
5	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

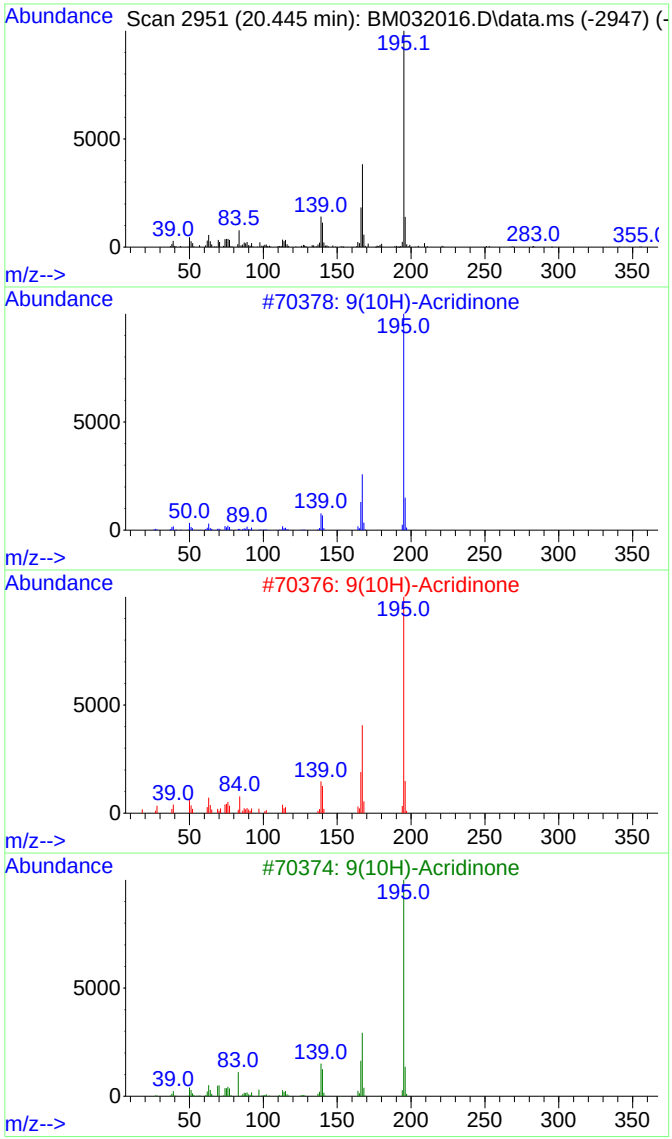
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

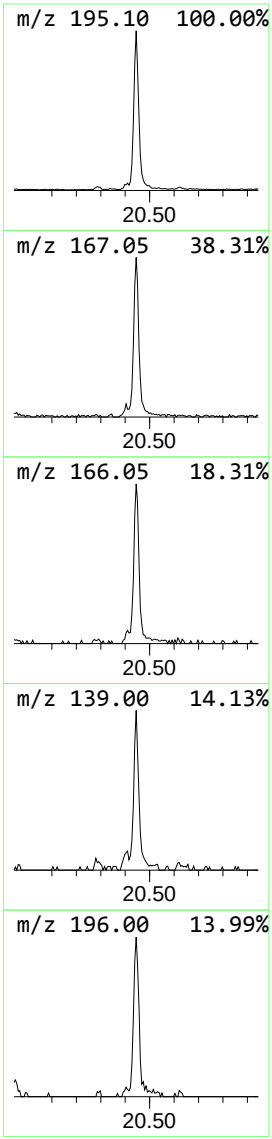
****

Peak Number 5 9(10H)-Acridinone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.445	3.57 ng/ul	271634	Chrysene-d12	21.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	97
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
5	3-Acridinol	195	C13H9NO	007132-70-9	96





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Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBKD4DL

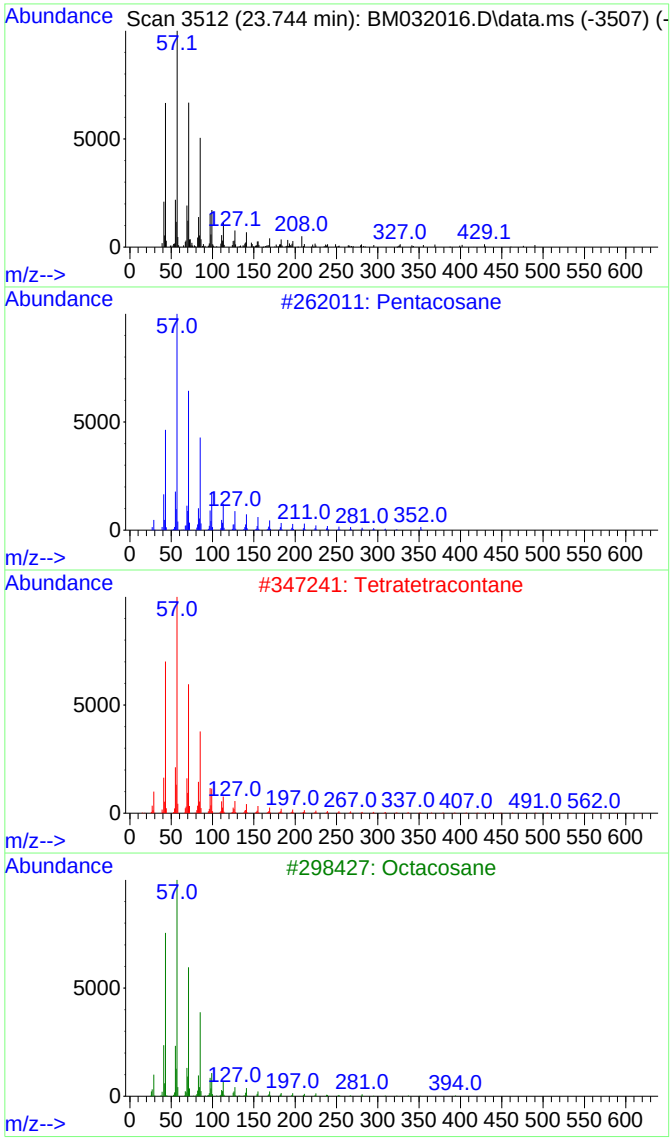
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

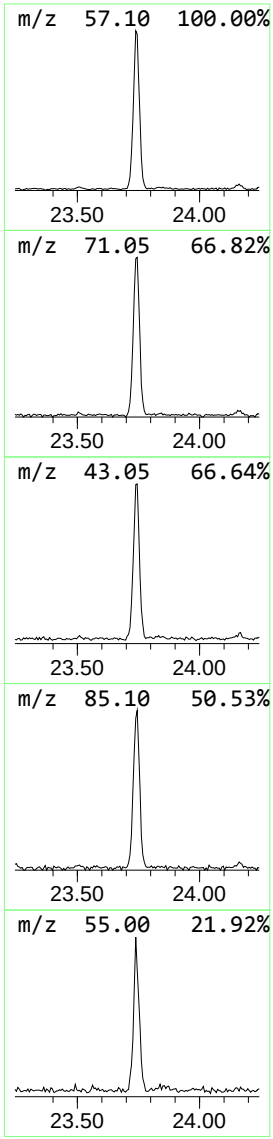
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.744	3.71 ng/ul	266852	Perylene-d12	23.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

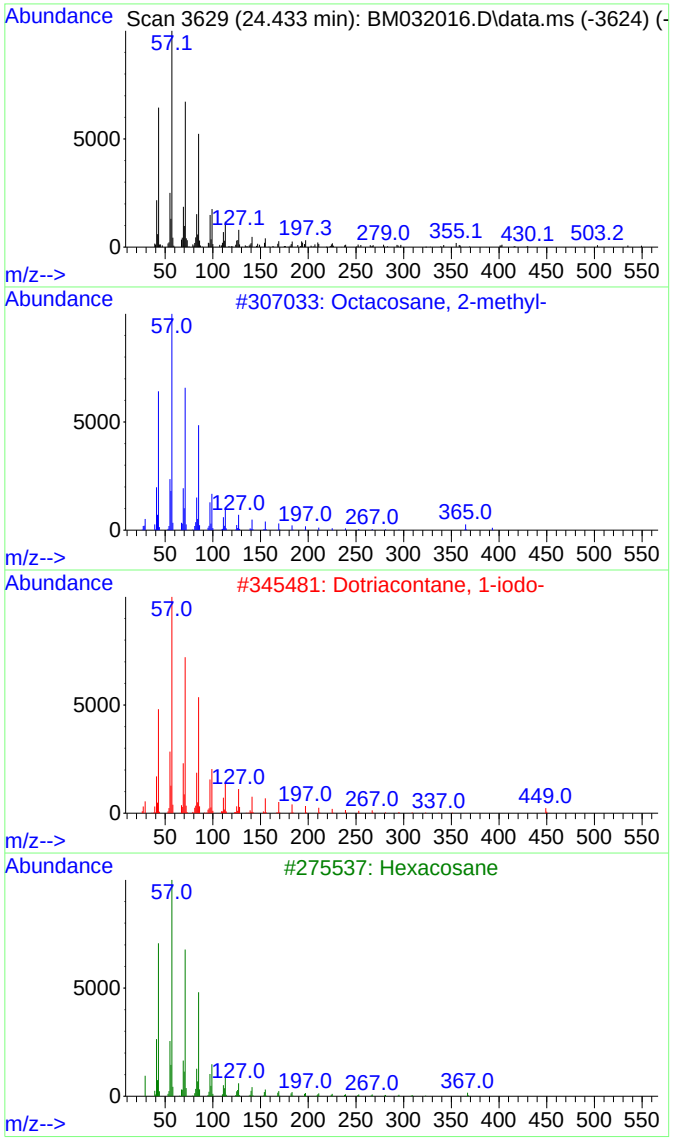
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

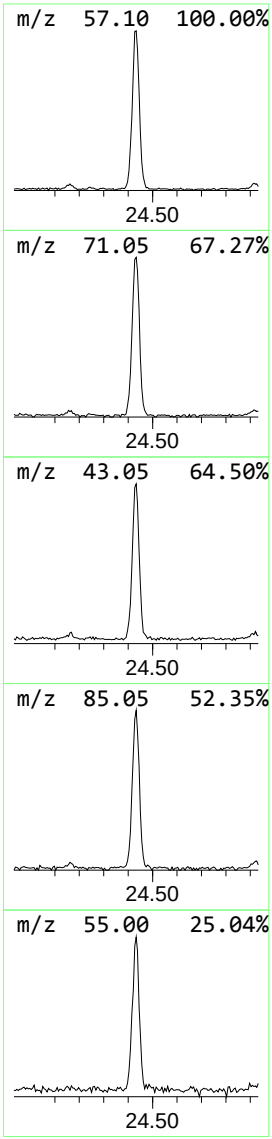
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.433	4.01 ng/ul	288173	Perylene-d12	23.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032016.D
Acq On : 01 Sep 2021 12:15
Operator : CG/JU
Sample : M3448-02DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBKD4DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.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
Indane	7.857	10.2	ng/ul	192413	1	7.498	379020	20.0
Benzene, (1-met...	9.657	2.3	ng/ul	64775	2	10.257	558855	20.0
4-Methylcarbazole	17.827	2.1	ng/ul	120587	4	16.898	1144750	20.0
6(5H)-Phenanthr...	19.727	2.3	ng/ul	173090	5	21.103	1520700	20.0
9(10H)-Acridinone	20.445	3.6	ng/ul	271634	5	21.103	1520700	20.0
(DEL) Alkane: S...	23.744	3.7	ng/ul	266852	6	23.238	1436830	20.0
(DEL) Alkane: S...	24.433	4.0	ng/ul	288173	6	23.238	1436830	20.0