LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

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\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	19	22	27	rVB	47695	58348	1.09%	0.086%
2	3.628	122	126	133	rVB2	20815	33146	0.62%	0.049%
3	3.711	137	140	145	rVB	21628	27808	0.52%	0.041%
4	3.934	173	178	181	rBV4	18503	25930	0.49%	0.038%
5	4.063	196	200	203	rBV4	12283	15949	0.30%	0.023%
6	4.328	241	245	251	rVB5	10109	15976	0.30%	0.023%
7	4.593	286	290	298	rBV	31416	47114	0.88%	0.069%
8	6.599	619	631	642	rBV	677194	1060462	19.88%	1.556%
9	6.757	652	658	670	rVB	623699	943748	17.69%	1.385%
10	6.946	684	690	699	rBV	783880	1209907	22.68%	1.776%
11	7.122	716	720	728	rVB6	10312	19324	0.36%	0.028%
12	7.404	761	768	777	rBV	1074717	1631628	30.59%	2.395%
13	7.498	777	784	790	rVB10	9309	20261	0.38%	0.030%
14	8.116	883	889	903	rBV	908003	1429600	26.80%	2.098%
15	8.222	903	907	913	rVB4	10868	18428	0.35%	0.027%
16	8.540	955	961	971	rBV	713664	1170805	21.95%	1.718%
17	8.734	989	994	999	rBV3	38532	58711	1.10%	0.086%
18	9.040	1036	1046	1050	rBV2	27477	43676	0.82%	0.064%
19	9.257	1075	1083	1096	rBV	653038	1039516	19.49%	1.526%
20	9.792	1167	1174	1189	rBV	968682	1610597	30.19%	2.364%
21	10.163	1229	1237	1249	rBV	1423153	2319458	43.48%	3.404%
22	10.304	1253	1261	1274	rBV	864412	1538434	28.84%	2.258%
23	11.639	1484	1488	1494	rVB6	16876	26656	0.50%	0.039%
24	11.763	1504	1509	1516	rBV2	17517	32342	0.61%	0.047%
25	11.839	1518	1522	1530	rVB5	11082	20482	0.38%	0.030%
26	12.916	1701	1705	1710	rBV2	22342	30890	0.58%	0.045%
27	13.369	1777	1782	1788	rBV5	11275	20959	0.39%	0.031%
28	13.480	1795	1801	1807	rBV	1998519	2732538	51.22%	4.010%
29	13.528	1807	1809	1813	rVB	16224	17495	0.33%	0.026%
30	13.745	1838	1846	1862	rVB	1989595	3030887	56.82%	4.448%
31	14.010	1887	1891	1893	rVV2	14908	17427	0.33%	0.026%
32	14.057	1893	1899	1906	rVV2	2334529	3356886	62.93%	4.927%
33	14.116	1906	1909	1917	rVB2	14226	25694	0.48%	0.038%
34	14.280	1930	1937	1951	rBV	559122	986271	18.49%	1.447%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

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\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

35	14.463	1964	1968	1973	rBV5	10109	20099	0.38%	0.029%
36	14.698	2003	2008	2011	rBV4	6780	12563	0.24%	0.018%
37	14.910	2040	2044	2048	rVV4	8335	12670	0.24%	0.019%
38	14.969	2051	2054	2058	rVB3	11225	13697	0.26%	0.020%
39	15.063	2063	2070	2076	rVV	2783261	3961445	74.26%	5.814%
40	15.116	2076	2079	2084	rVV2	30588	47150	0.88%	0.069%
41	15.192	2084	2092	2106	rVV	786231	1113162	20.87%	1.634%
42	15.304	2106	2111	2115	rVV2	31392	47020	0.88%	0.069%
43	15.674	2170	2174	2179	rVB6	9177	13260	0.25%	0.019%
44	15.851	2198	2204	2213	rVB7	16873	38252	0.72%	0.056%
45	16.186	2256	2261	2264	rBV5	8036	14943	0.28%	0.022%
46	16.369	2289	2292	2294	rVV3	9191	13047	0.24%	0.019%
47	16.392	2294	2296	2301	rVV5	8911	14921	0.28%	0.022%
48	16.474	2307	2310	2311	rVV2	11167	12049	0.23%	0.018%
49	16.498	2312	2314	2320	rVB6	10853	14415	0.27%	0.021%
50	16.563	2320	2325	2326	rBV5	9552	14712	0.28%	0.022%
51	16.598	2328	2331	2333	rVV3	12575	17127	0.32%	0.025%
52	16.627	2333	2336	2343	rVV2	23817	34636	0.65%	0.051%
53	16.810	2361	2367	2372	rBV	2968014	4125210	77.33%	6.054%
54	16.851	2372	2374	2379	rVV	281386	348051	6.52%	0.511%
55	16.910	2379	2384	2395	rVB2	2917052	4120506	77.24%	6.047%
56	17.239	2434	2440	2444	rBV5	27570	61507	1.15%	0.090%
57	17.398	2465	2467	2475	rVB6	15557	22377	0.42%	0.033%
58	17.692	2511	2517	2520	rBV	51784	74630	1.40%	0.110%
59	17.739	2520	2525	2532	rVB	73033	117075	2.19%	0.172%
60	17.815	2533	2538	2544	rBV3	27809	38746	0.73%	0.057%
61	17.880	2544	2549	2553	rBV2	70321	109026	2.04%	0.160%
62	17.921	2553	2556	2560	rVB2	33411	39039	0.73%	0.057%
63	18.057	2575	2579	2583	rBV7	12531	21873	0.41%	0.032%
64	18.192	2597	2602	2608	rBV2	58885	97857	1.83%	0.144%
65	18.415	2637	2640	2643	rBV5	10994	11541	0.22%	0.017%
66	18.451	2643	2646	2651	rVV5	18464	30133	0.56%	0.044%
67	18.498	2652	2654	2658	rVV3	18217	24407	0.46%	0.036%
68	18.539	2658	2661	2665	rVB2	14866	21142	0.40%	0.031%
69	18.621	2671	2675	2679	rBV2	51163	73215	1.37%	0.107%
70	18.762	2695	2699	2708	rBV10	31973	80864	1.52%	0.119%
71	18.851	2710	2714	2715	rVV	40274	48831	0.92%	0.072%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Title : SVOA CALIBRATION

72	18.880	2715	2719	2727	rVB	521283	713552	13.38%	1.047%
73	19.104	2750	2757	2762	rBV5	31033	82860	1.55%	0.122%
74	19.215	2770	2776	2786	rBV2	3576473	5334587	100.00%	7.829%
75	19.286	2786	2788	2791	rVV4	35608	40941	0.77%	0.060%
76	19.327	2791	2795	2801	rVB3	40009	70226	1.32%	0.103%
77	19.433	2810	2813	2820	rBV	29500	35839	0.67%	0.053%
78	19.586	2835	2839	2844	rBV3	41958	71461	1.34%	0.105%
79	19.715	2858	2861	2864	rBV5	34988	59180	1.11%	0.087%
80	19.751	2865	2867	2871	rVB	61158	70431	1.32%	0.103%
81	19.827	2877	2880	2882	rBV4	48157	50046	0.94%	0.073%
82	19.909	2890	2894	2897	rBV4	55976	76986	1.44%	0.113%
83	20.051	2915	2918	2922	rBV	32600	40475	0.76%	0.059%
84	20.092	2923	2925	2928	rBV2	34668	43266	0.81%	0.063%
85	20.780	3038	3042	3054	rBV2	566874	914884	17.15%	1.343%
86	21.021	3077	3083	3087	rBV	3791272	4927459	92.37%	7.232%
87	21.056	3087	3089	3097	rVB	295247	348923	6.54%	0.512%
88	21.227	3115	3118	3122	rBV2	120032	154000	2.89%	0.226%
89	21.651	3186	3190	3198	rBV3	320945	504147	9.45%	0.740%
90	22.086	3261	3264	3270	rVB	231608	272704	5.11%	0.400%
91	22.292	3295	3299	3304	rBV	425984	535415	10.04%	0.786%
92	22.509	3332	3336	3340	rBV	250819	478897	8.98%	0.703%
93	22.556	3340	3344	3347	rVV2	662732	997846	18.71%	1.464%
94	22.592	3347	3350	3359	rVB	641337	1030364	19.31%	1.512%
95	22.992	3413	3418	3424	rBV	2392796	3917820	73.44%	5.750%
96	23.080	3430	3433	3435	rBV	276891	368044	6.90%	0.540%
97	23.121	3435	3440	3449	rVB	2532501	4535290	85.02%	6.656%
98	23.680	3530	3535	3541	rVB	776551	1317144	24.69%	1.933%
99	23.744	3542	3546	3555	rVV2	306152	614542	11.52%	0.902%
100	25.156	3782	3786	3796	rVB4	405007	1012889	18.99%	1.487%

Sum of corrected areas: 68138769

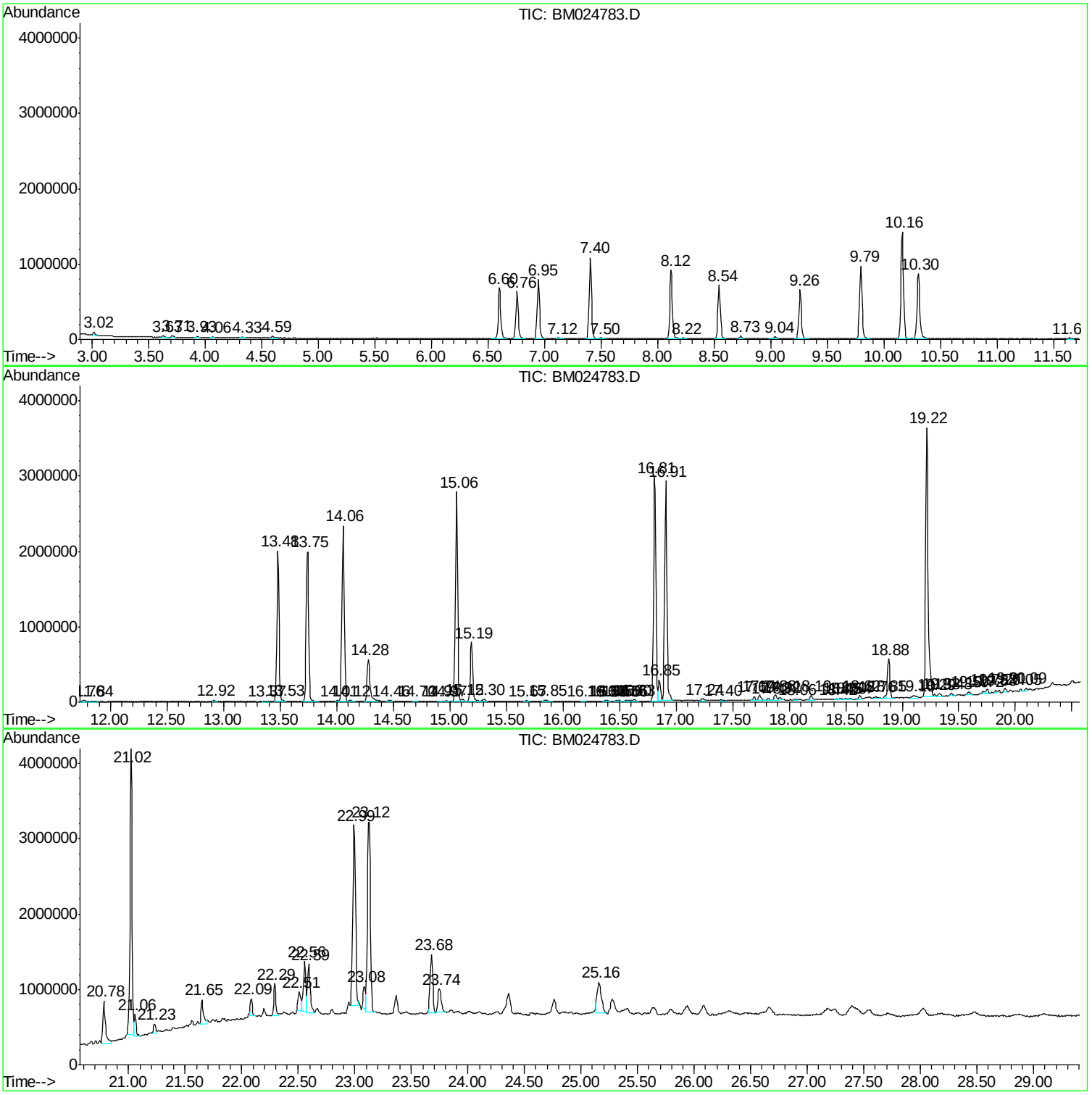
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

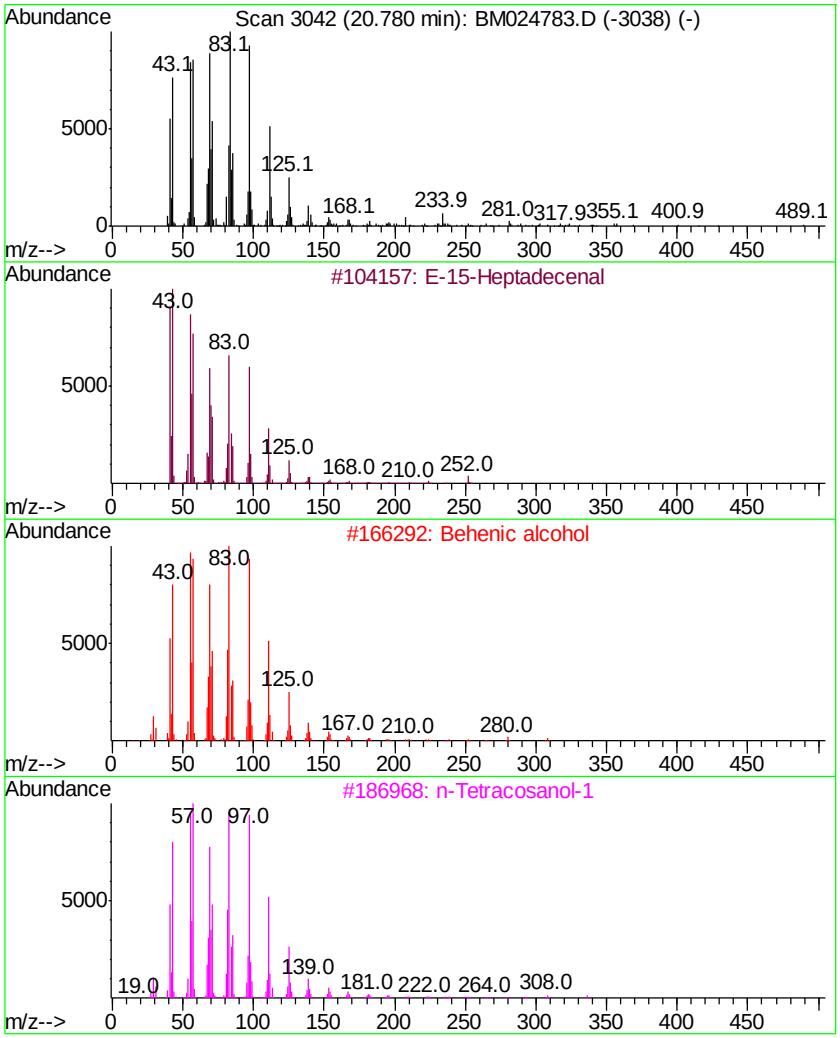
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

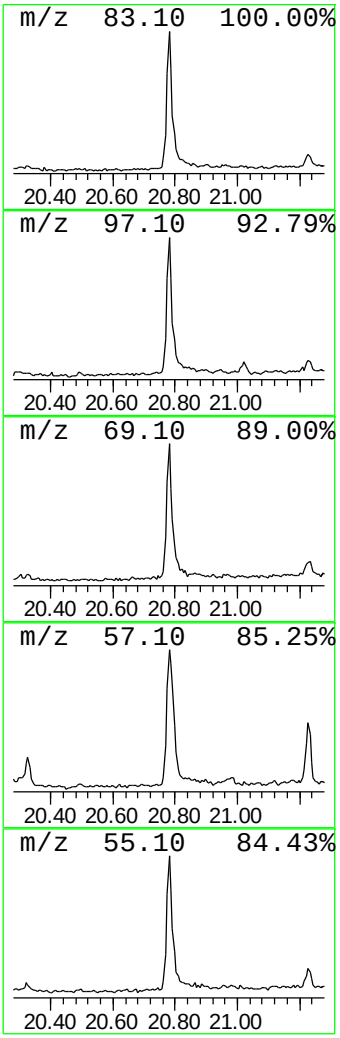
****

Peak Number 1 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.78	3.71 ng/ul	914884	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	96
2	Behenic alcohol	326	C22H46O	000661-19-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
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Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
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ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

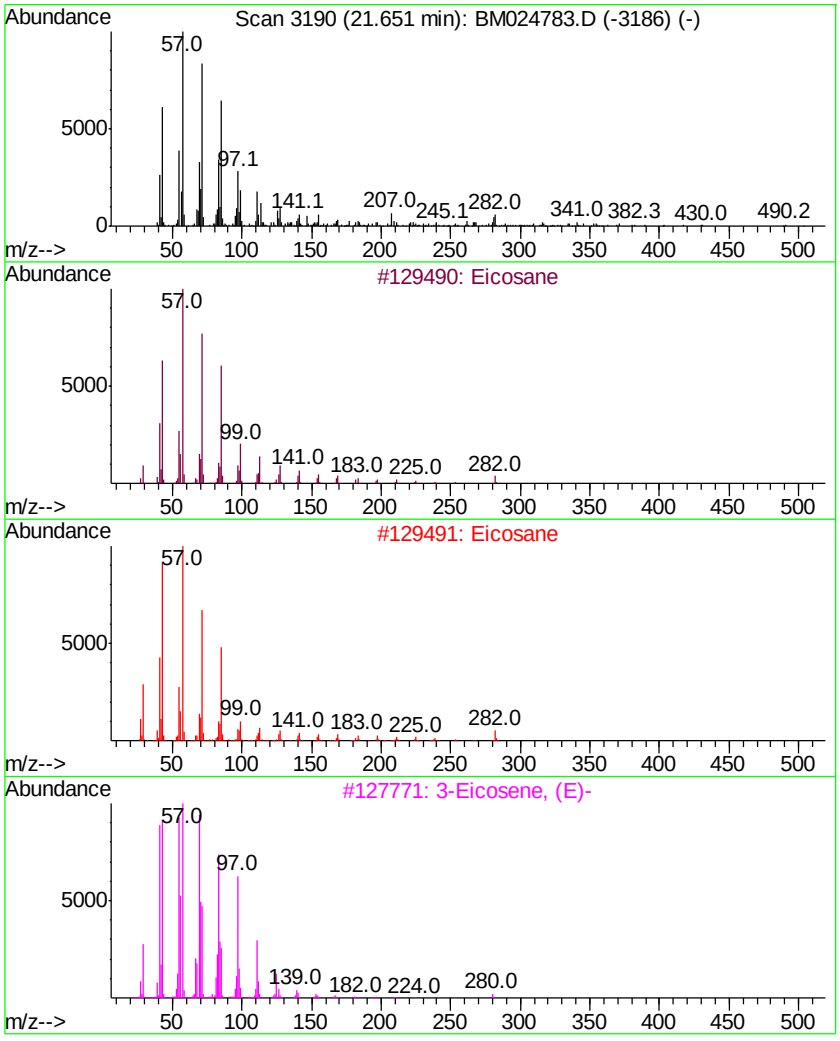
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

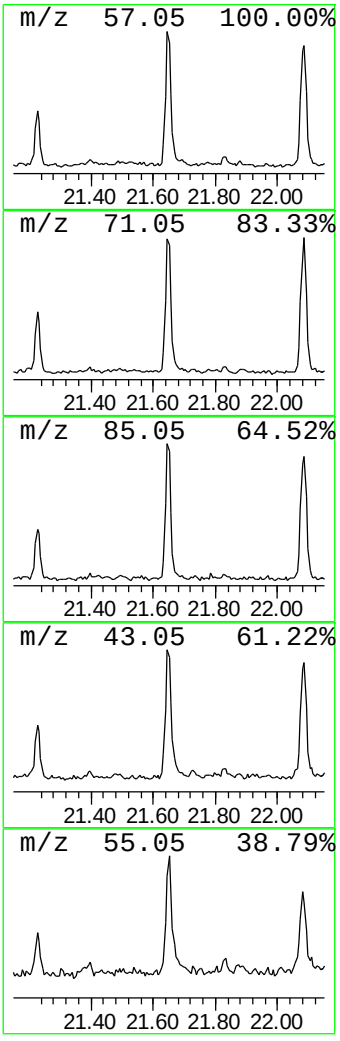
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.05 ng/ul	504147	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Hexadecane	226	C16H34	000544-76-3	89
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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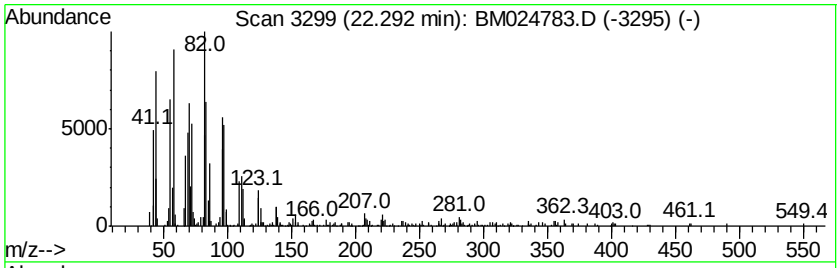
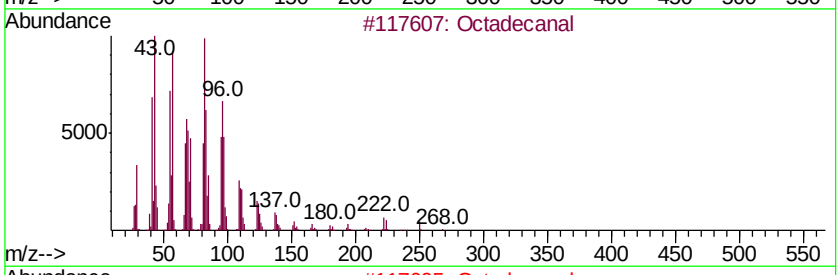
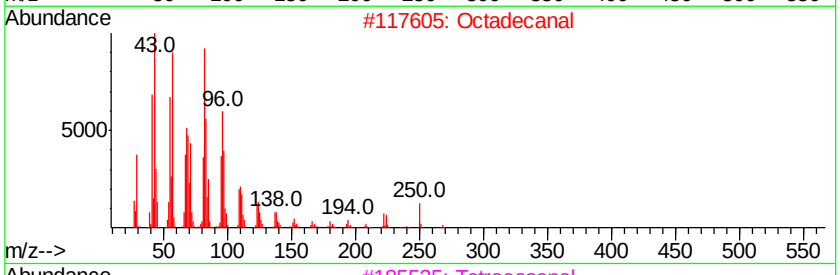
Peak Number 3 Octadecanal Concentration Rank 6

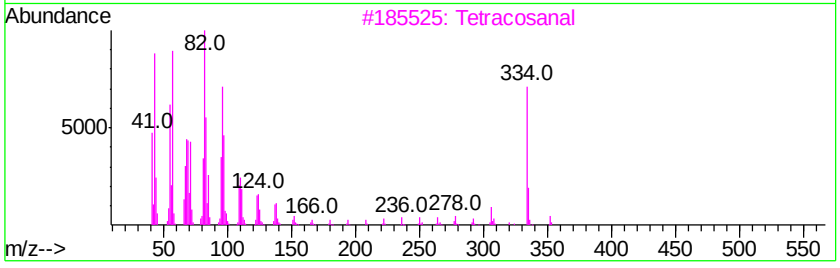
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.29	2.36 ng/ul	535415	Perylene-d12	23.13

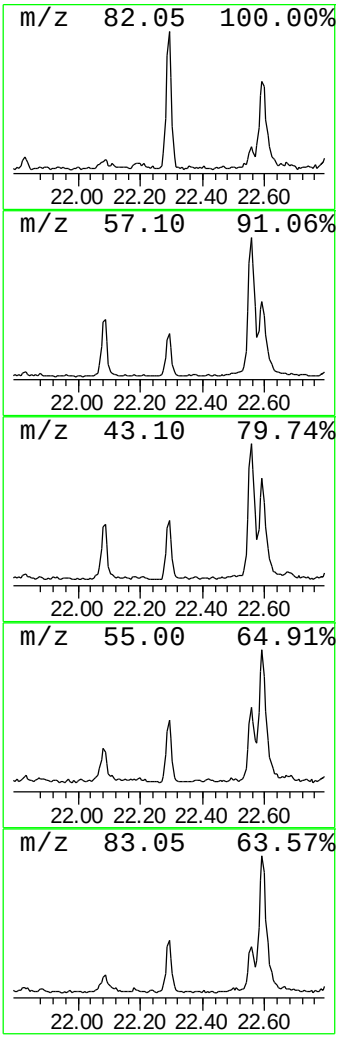
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Tetracosanal	352	C24H48O	057866-08-7	87
4	1,19-Eicosadiene	278	C20H38	014811-95-1	83
5	Octadecanal	268	C18H36O	000638-66-4	83











Library Search Compound Report

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Data File : BM024783.D
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Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

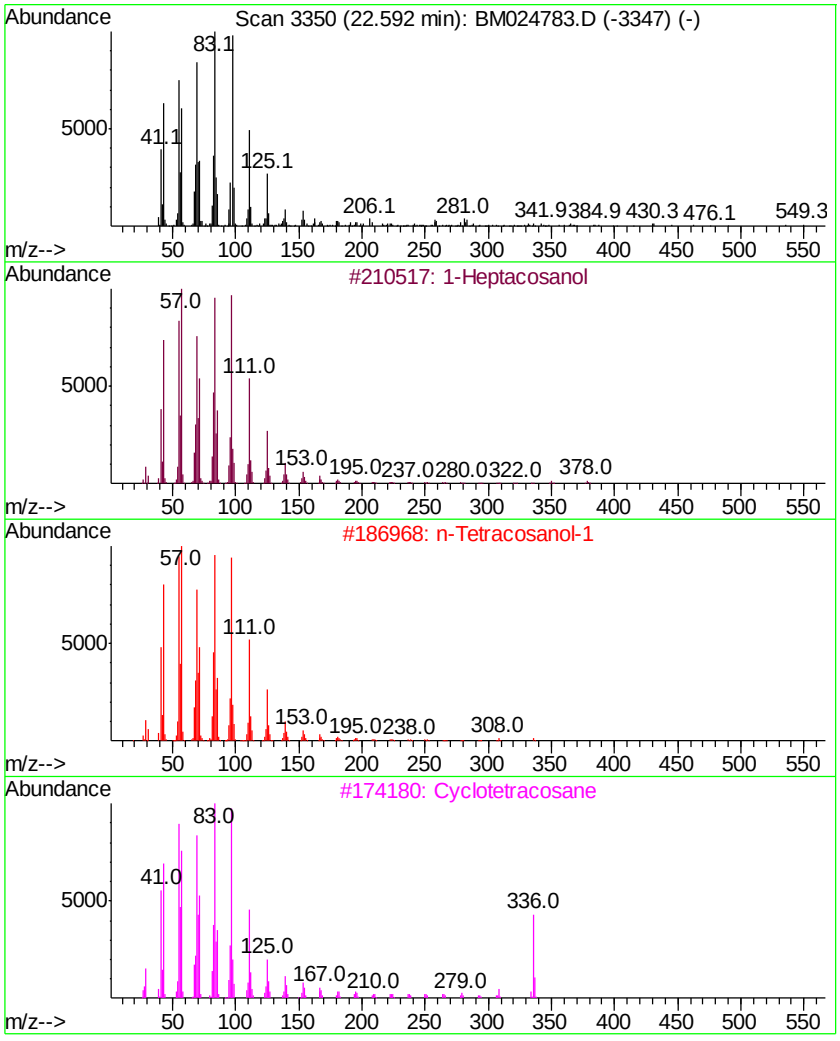
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

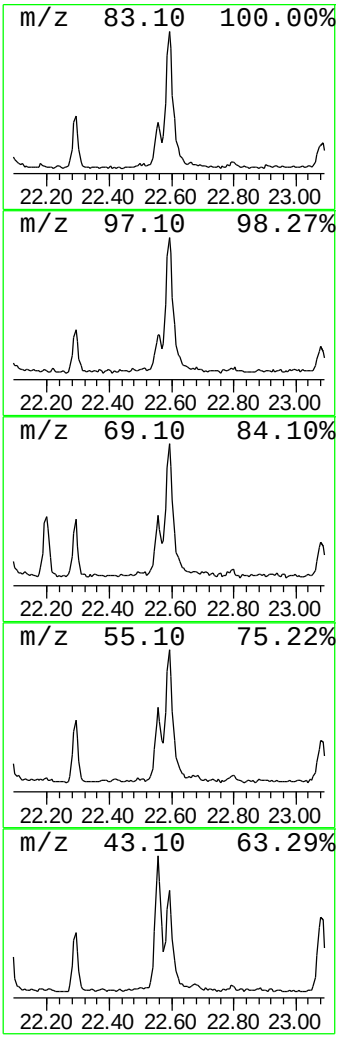
****

Peak Number 4 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	4.54 ng/ul	1030360	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	Cyclotetracosane	336	C24H48	000297-03-0	89
4	Octacosanol	410	C28H58O	000557-61-9	62
5	1-Docosene	308	C22H44	001599-67-3	58





Library Search Compound Report

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Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

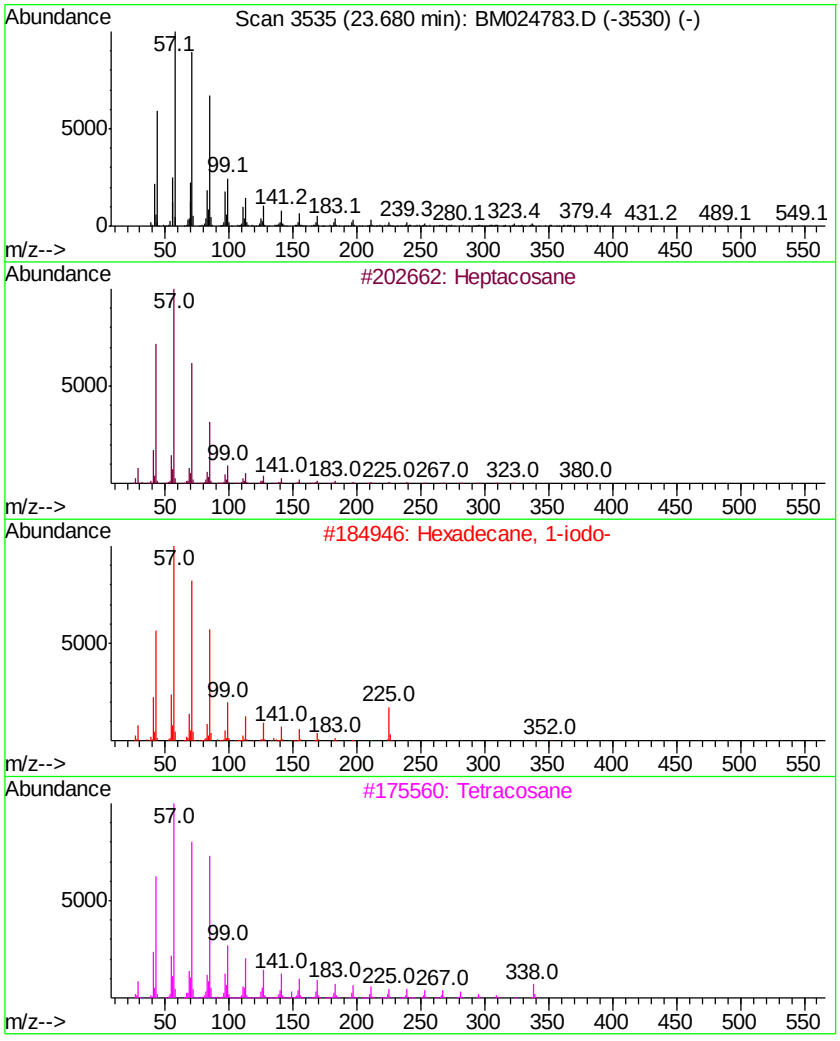
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

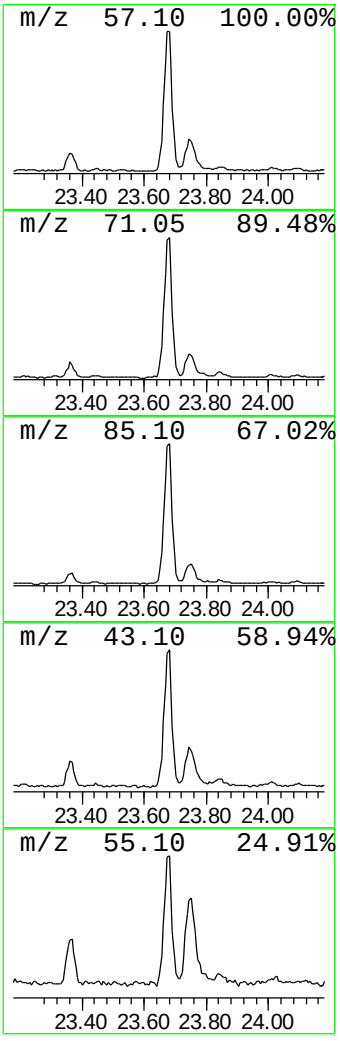
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	5.81 ng/ul	1317140	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	99
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	95
3	Tetracosane	338	C24H50	000646-31-1	95
4	Heptadecane	240	C17H36	000629-78-7	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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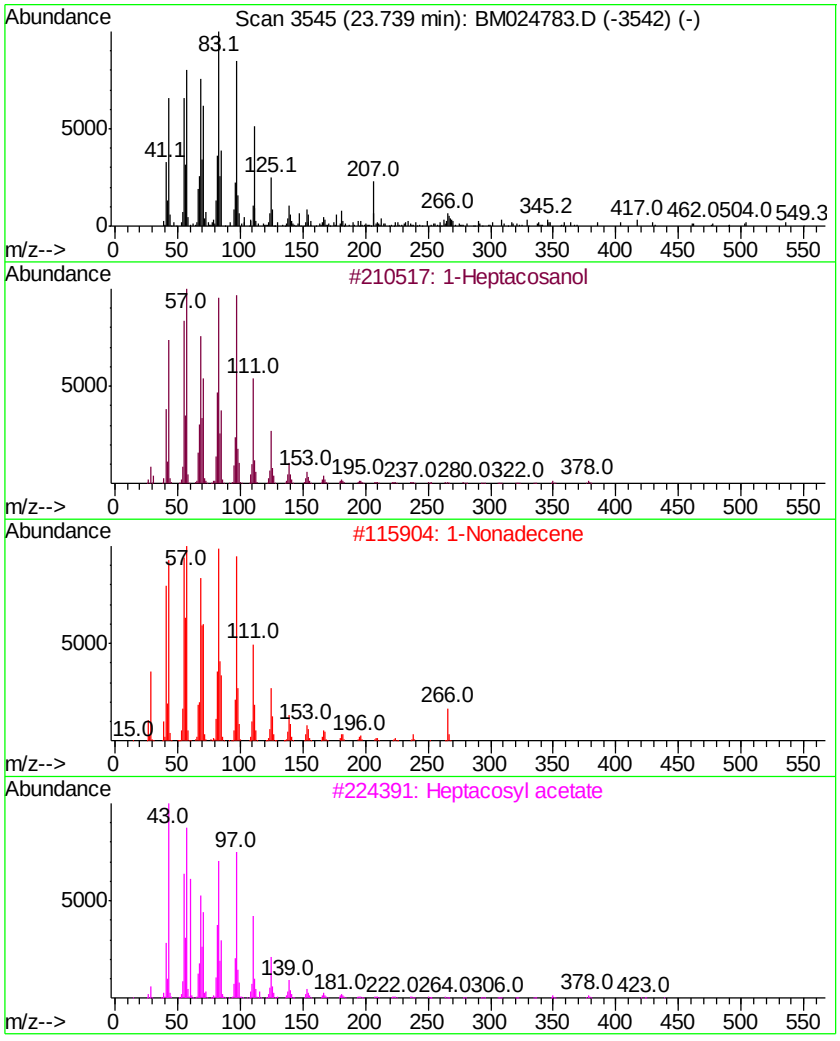
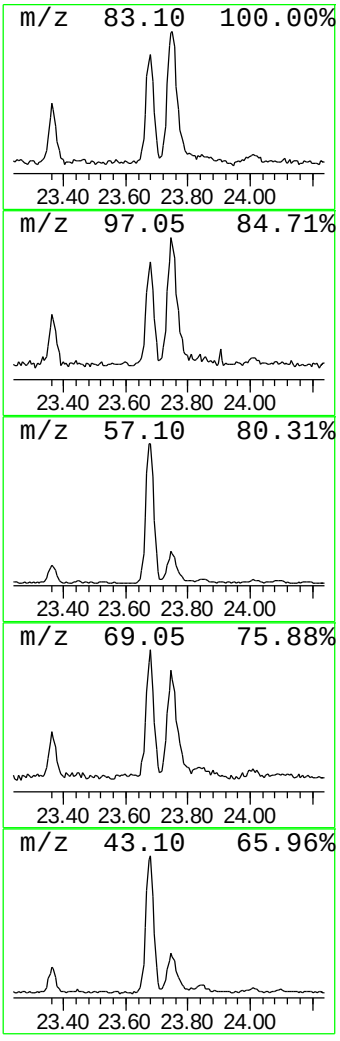
Peak Number 6 1-Heptacosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.74	2.71 ng/ul	614542	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	93
2	1-Nonadecene	266	C19H38	018435-45-5	93
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	89
4	Triacontyl acetate	480	C32H64O2	041755-58-2	89
5	1-Hexacosanol	382	C26H54O	000506-52-5	89





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Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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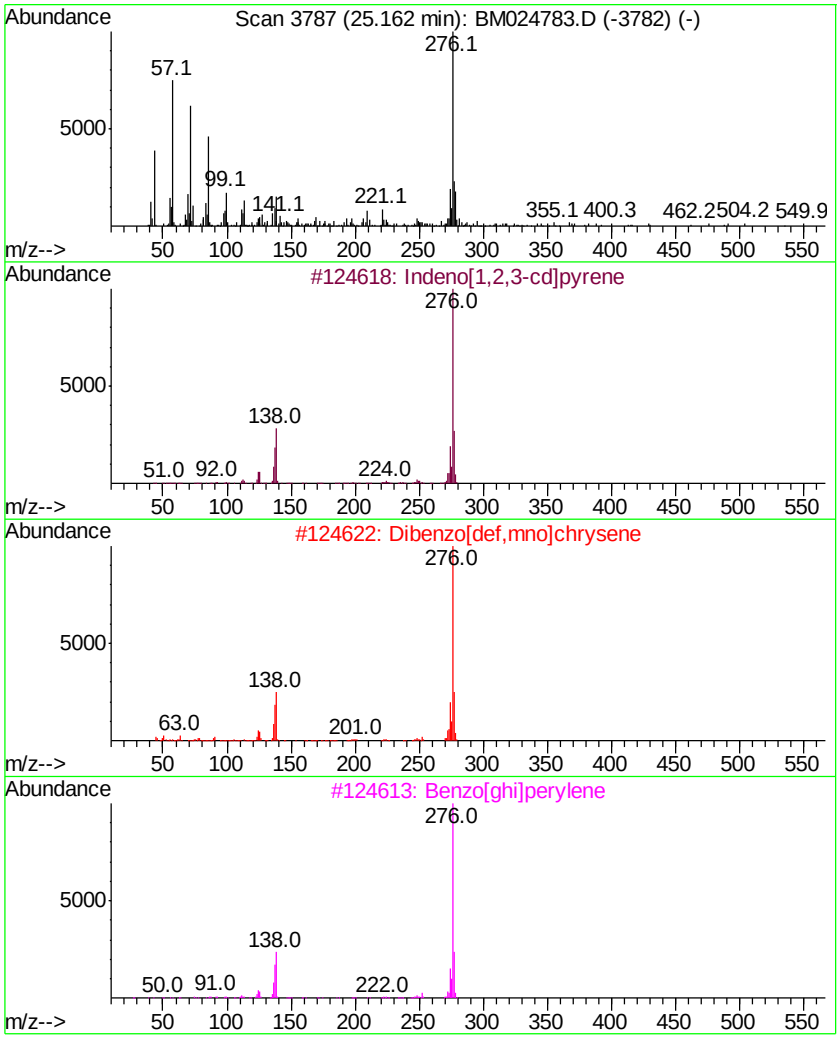
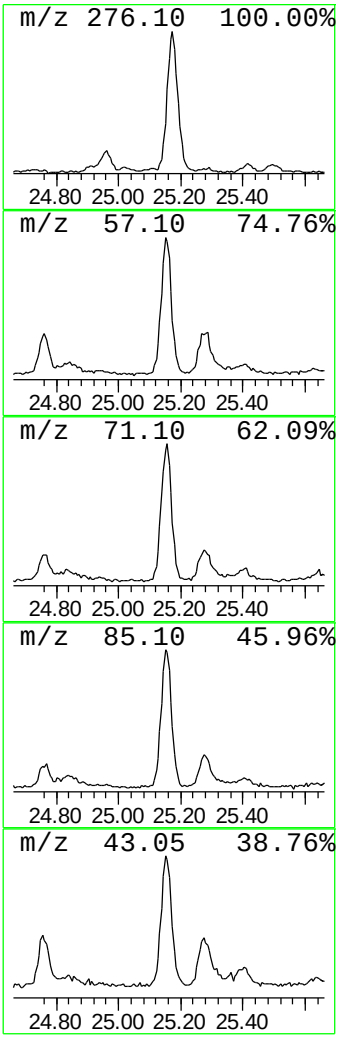
Peak Number 7 Indeno[1,2,3-cd]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.16	4.47 ng/ul	1012890	Perylene-d12	23.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	64
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	55
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	52
4	Benzo[ghi]perylene	276	C22H12	000191-24-2	51
5	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	51





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020620\
Data File : BM024783.D
Acq On : 08 Feb 2020 04:53
Operator : CG/JU
Sample : L1400-03
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6G9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
E-15-Heptadecenal	20.78	3.7	ng/ul	914884	5	21.02	4927460	20.0
(DEL) Alkane: Str...	21.65	2.0	ng/ul	504147	5	21.02	4927460	20.0
Octadecanal	22.29	2.4	ng/ul	535415	6	23.13	4535290	20.0
n-Tetracosanol-1	22.59	4.5	ng/ul	1030360	6	23.13	4535290	20.0
(DEL) Alkane: Str...	23.68	5.8	ng/ul	1317140	6	23.13	4535290	20.0
1-Heptacosanol	23.74	2.7	ng/ul	614542	6	23.13	4535290	20.0
Indeno[1,2,3-cd]p...	25.16	4.5	ng/ul	1012890	6	23.13	4535290	20.0