LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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-BM111119MA.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	3.075	29	32	37	rBV	59262	71020	0.43%	0.035%
2	3.581	115	118	122	rVB2	26246	35889	0.22%	0.018%
3	3.705	133	139	147	rVV	81918	144792	0.88%	0.071%
4	3.787	150	153	159	rVB	36287	51367	0.31%	0.025%
5	4.152	212	215	222	rVB9	16631	26635	0.16%	0.013%
6	4.699	304	308	317	rVB	27480	48168	0.29%	0.024%
7	5.287	407	408	416	rVB8	9225	19325	0.12%	0.010%
8	6.234	566	569	579	rVB7	14438	27556	0.17%	0.014%
9	6.446	600	605	610	rBV5	15584	27072	0.16%	0.013%
10	6.581	622	628	639	rVB2	49887	101341	0.62%	0.050%
11	6.728	648	653	666	rVB	1261345	2246309	13.68%	1.105%
12	6.887	674	680	697	rVB	1099328	1812625	11.04%	0.892%
13	7.081	706	713	724	rVB	1449703	2255200	13.73%	1.110%
14	7.545	784	792	800	rBV	3359078	5328638	32.45%	2.622%
15	7.628	802	806	815	rVB	27712	48584	0.30%	0.024%
16	8.140	889	893	903	rVB8	19529	43999	0.27%	0.022%
17	8.257	906	913	926	rBV	1795682	2894695	17.63%	1.424%
18	8.369	928	932	937	rVB	25851	41094	0.25%	0.020%
19	8.692	977	987	1000	rBV	1413703	2312785	14.08%	1.138%
20	8.875	1015	1018	1023	rVB6	14342	23555	0.14%	0.012%
21	9.151	1058	1065	1073	rVB	33840	63442	0.39%	0.031%
22	9.410	1102	1109	1118	rBV	1177753	1914999	11.66%	0.942%
23	9.581	1131	1138	1146	rBV9	17631	36981	0.23%	0.018%
24	9.669	1148	1153	1158	rBV6	22778	36157	0.22%	0.018%
25	9.951	1192	1201	1210	rBV	1892809	3229659	19.67%	1.589%
26	10.322	1255	1264	1273	rBV	4670365	7882362	48.00%	3.879%
27	10.463	1280	1288	1312	rBV	558671	1065355	6.49%	0.524%
28	10.798	1339	1345	1352	rBV	70364	120769	0.74%	0.059%
29	11.139	1398	1403	1412	rVB7	18782	40088	0.24%	0.020%
30	11.304	1427	1431	1438	rBV7	16719	37502	0.23%	0.018%
31	11.916	1529	1535	1540	rVV2	40813	66522	0.41%	0.033%
32	12.192	1575	1582	1590	rVB9	10367	23925	0.15%	0.012%
33	12.527	1634	1639	1650	rBV	141680	278638	1.70%	0.137%
34	12.816	1682	1688	1695	rBV7	15459	28826	0.18%	0.014%

LSC Area Percent Report

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Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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-BM111119MA.M
Title : SVOA CALIBRATION

35	13.045	1723	1727	1730	rBV5	11462	18558	0.11%	0.009%
36	13.116	1730	1739	1746	rVV	409596	647045	3.94%	0.318%
37	13.174	1747	1749	1756	rVB6	16592	22555	0.14%	0.011%
38	13.386	1780	1785	1792	rBV6	13154	30063	0.18%	0.015%
39	13.527	1806	1809	1814	rVB7	19313	29400	0.18%	0.014%
40	13.622	1816	1825	1829	rBV	3653428	5151254	31.37%	2.535%
41	13.663	1829	1832	1844	rVB	1265640	1739258	10.59%	0.856%
42	13.886	1863	1870	1883	rBV	4303224	6356880	38.71%	3.128%
43	14.074	1897	1902	1907	rVB2	24040	45079	0.27%	0.022%
44	14.198	1916	1923	1931	rBV	7888154	11735085	71.46%	5.775%
45	14.416	1954	1960	1978	rBV	588183	975866	5.94%	0.480%
46	14.563	1980	1985	1991	rVV	79183	135992	0.83%	0.067%
47	14.633	1991	1997	2003	rVV2	187003	300366	1.83%	0.148%
48	14.686	2003	2006	2011	rVB2	33690	49952	0.30%	0.025%
49	15.027	2059	2064	2070	rVB5	21869	44516	0.27%	0.022%
50	15.086	2070	2074	2078	rBV3	18942	25423	0.15%	0.013%
51	15.198	2086	2093	2099	rBV	5745583	7953136	48.43%	3.914%
52	15.327	2109	2115	2120	rBV	1251518	1669201	10.16%	0.821%
53	15.380	2120	2124	2130	rVV	642661	897891	5.47%	0.442%
54	15.439	2130	2134	2139	rVB	63924	93999	0.57%	0.046%
55	15.539	2149	2151	2156	rVB6	15865	22616	0.14%	0.011%
56	15.663	2164	2172	2182	rBV	143098	232997	1.42%	0.115%
57	15.886	2208	2210	2216	rBV7	12037	21899	0.13%	0.011%
58	15.945	2216	2220	2224	rVV5	30636	46075	0.28%	0.023%
59	15.986	2224	2227	2234	rVB8	31528	53921	0.33%	0.027%
60	16.110	2245	2248	2254	rVB6	14116	25036	0.15%	0.012%
61	16.263	2269	2274	2278	rBV	41978	58706	0.36%	0.029%
62	16.474	2306	2310	2319	rVB3	70794	116128	0.71%	0.057%
63	16.627	2332	2336	2341	rVB8	12593	21296	0.13%	0.010%
64	16.733	2346	2354	2362	rVV4	70305	185603	1.13%	0.091%
65	16.951	2384	2391	2401	rBV	9863061	13496468	82.19%	6.641%
66	17.045	2401	2407	2420	rVV	5609609	7960749	48.48%	3.917%
67	17.480	2477	2481	2487	rBV	199187	234642	1.43%	0.115%
68	17.874	2542	2548	2555	rBV	465278	734818	4.47%	0.362%
69	18.174	2596	2599	2603	rVB2	59736	69843	0.43%	0.034%
70	18.815	2703	2708	2713	rBV	2198879	2544748	15.50%	1.252%
71	18.980	2732	2736	2743	rBV	83925	157929	0.96%	0.078%

LSC Area Percent Report

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Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	19.162	2761	2767	2772	rBV4	120491	233219	1.42%	0.115%
73	19.239	2777	2780	2784	rVB	57655	81180	0.49%	0.040%
74	19.351	2793	2799	2804	rBV	6181592	8243014	50.20%	4.056%
75	19.398	2804	2807	2811	rVB	531167	544872	3.32%	0.268%
76	19.568	2834	2836	2838	rBV2	57161	49409	0.30%	0.024%
77	19.703	2854	2859	2864	rBV	1114172	1346269	8.20%	0.662%
78	19.939	2894	2899	2904	rVB	5184600	6026956	36.70%	2.966%
79	20.433	2980	2983	2987	rVB	384439	391623	2.38%	0.193%
80	20.574	3003	3007	3010	rBV	592111	753528	4.59%	0.371%
81	20.603	3010	3012	3017	rVB3	262576	291686	1.78%	0.144%
82	20.892	3056	3061	3070	rBV2	3996813	6260732	38.12%	3.081%
83	20.968	3071	3074	3079	rVB	721342	782552	4.77%	0.385%
84	21.150	3100	3105	3111	rBV	8185986	10579163	64.42%	5.206%
85	21.233	3114	3119	3124	rVV	4839293	5936648	36.15%	2.921%
86	21.333	3133	3136	3144	rBV	517968	740703	4.51%	0.364%
87	21.403	3145	3148	3156	rVV4	787507	1161589	7.07%	0.572%
88	21.503	3162	3165	3170	rBV	566109	598115	3.64%	0.294%
89	21.768	3204	3210	3219	rBV	10188175	16421960	100.00%	8.081%
90	21.845	3219	3223	3230	rVB	2564764	3182313	19.38%	1.566%
91	22.203	3282	3284	3287	rBV	280998	302908	1.84%	0.149%
92	22.421	3317	3321	3328	rVB3	657931	1010721	6.15%	0.497%
93	22.697	3364	3368	3370	rBV	982993	1325082	8.07%	0.652%
94	22.739	3370	3375	3384	rVV	7856841	13818994	84.15%	6.800%
95	22.821	3384	3389	3396	rVB	3529691	5262689	32.05%	2.590%
96	23.174	3443	3449	3456	rBV	3485566	6005471	36.57%	2.955%
97	23.315	3466	3473	3483	rVB	5256044	9618029	58.57%	4.733%
98	23.862	3562	3566	3573	rVB	877881	1592436	9.70%	0.784%
99	23.938	3574	3579	3590	rVV	1285897	3030965	18.46%	1.491%
100	24.038	3593	3596	3604	rVB	726849	1332338	8.11%	0.656%

Sum of corrected areas: 203216031

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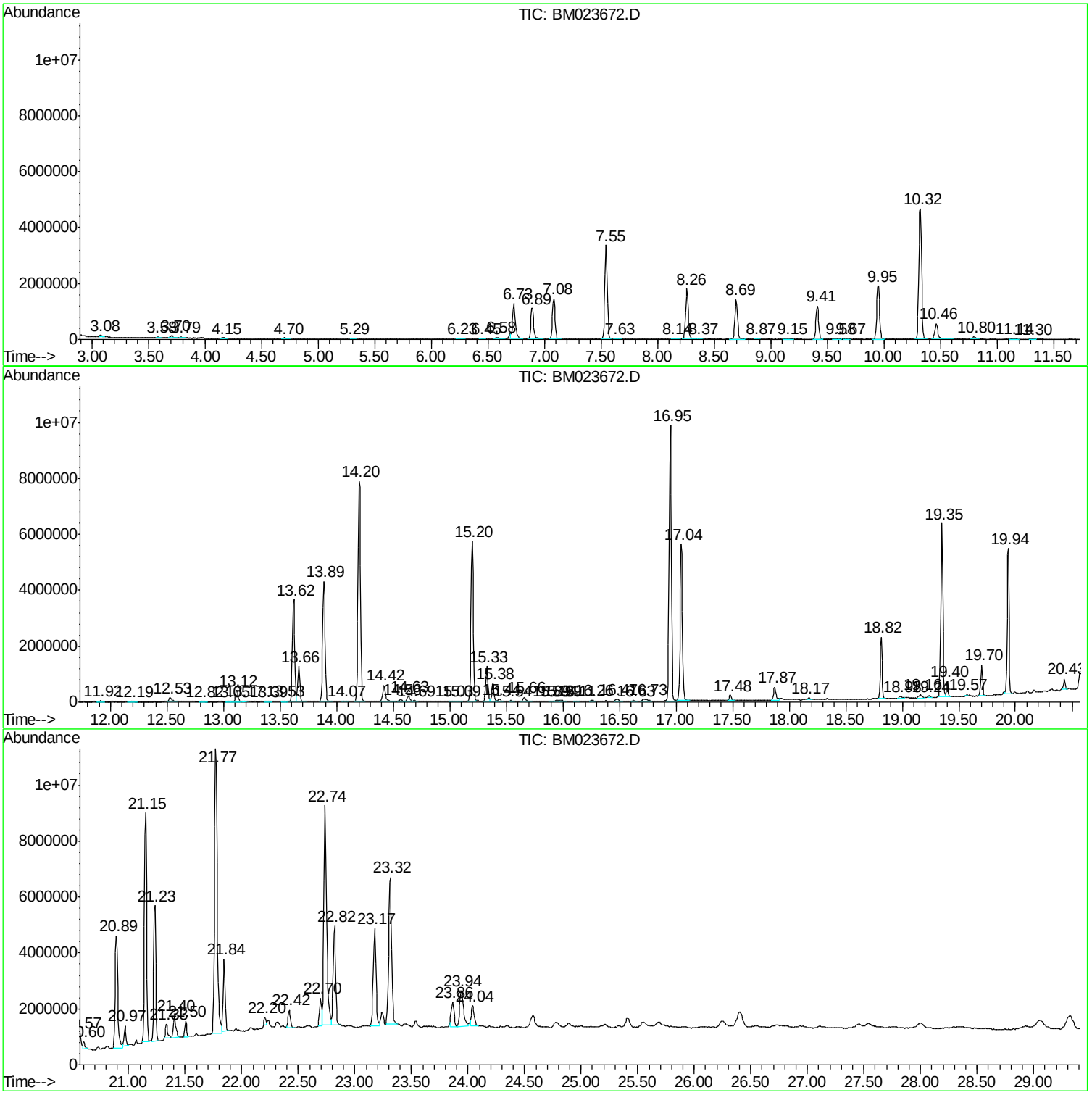
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

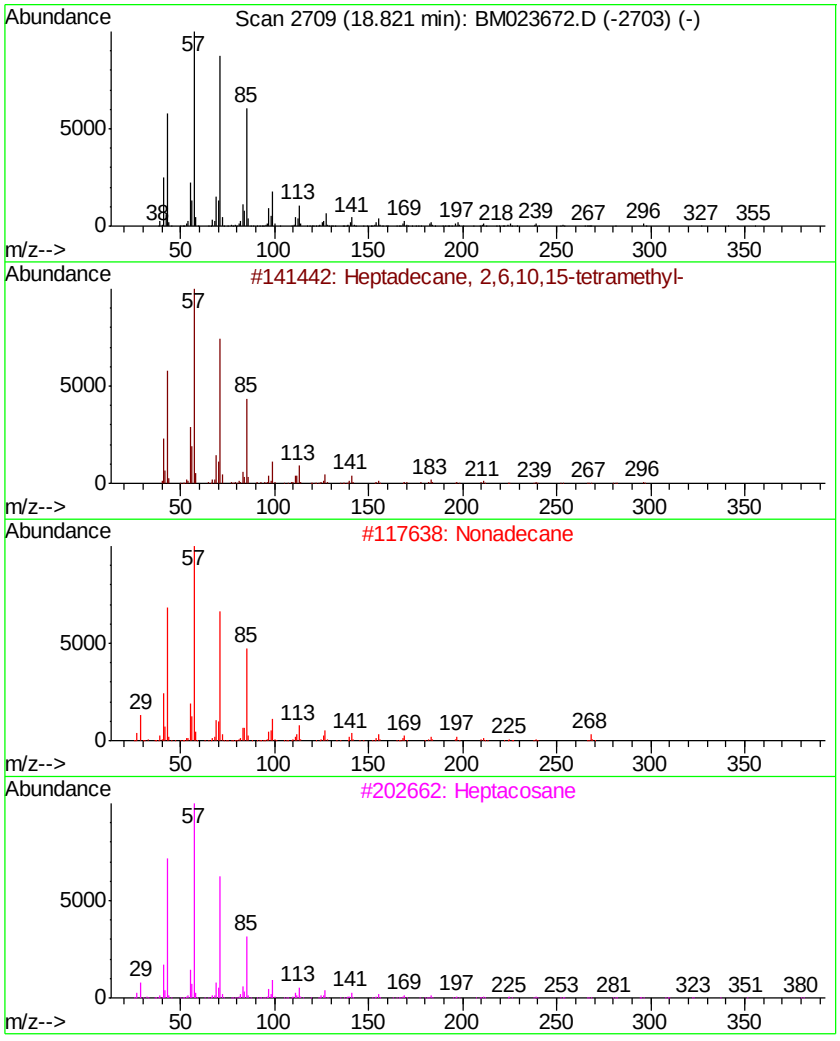
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

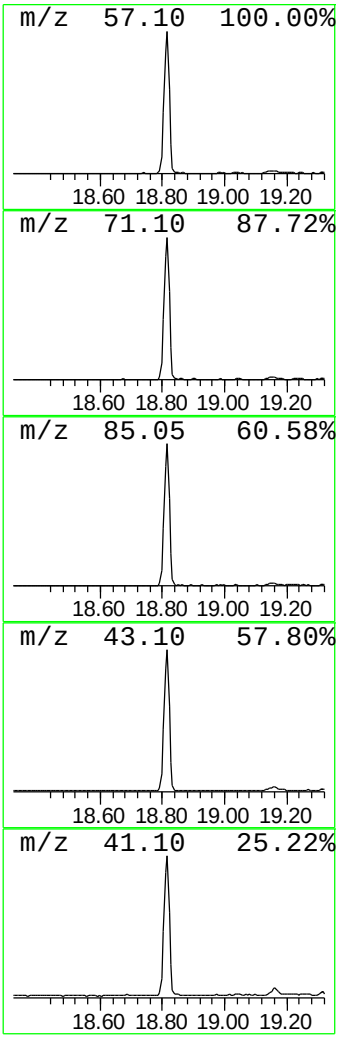
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.82	3.77 ng/ul	2544750	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Nonadecane	268	C19H40	000629-92-5	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
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Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

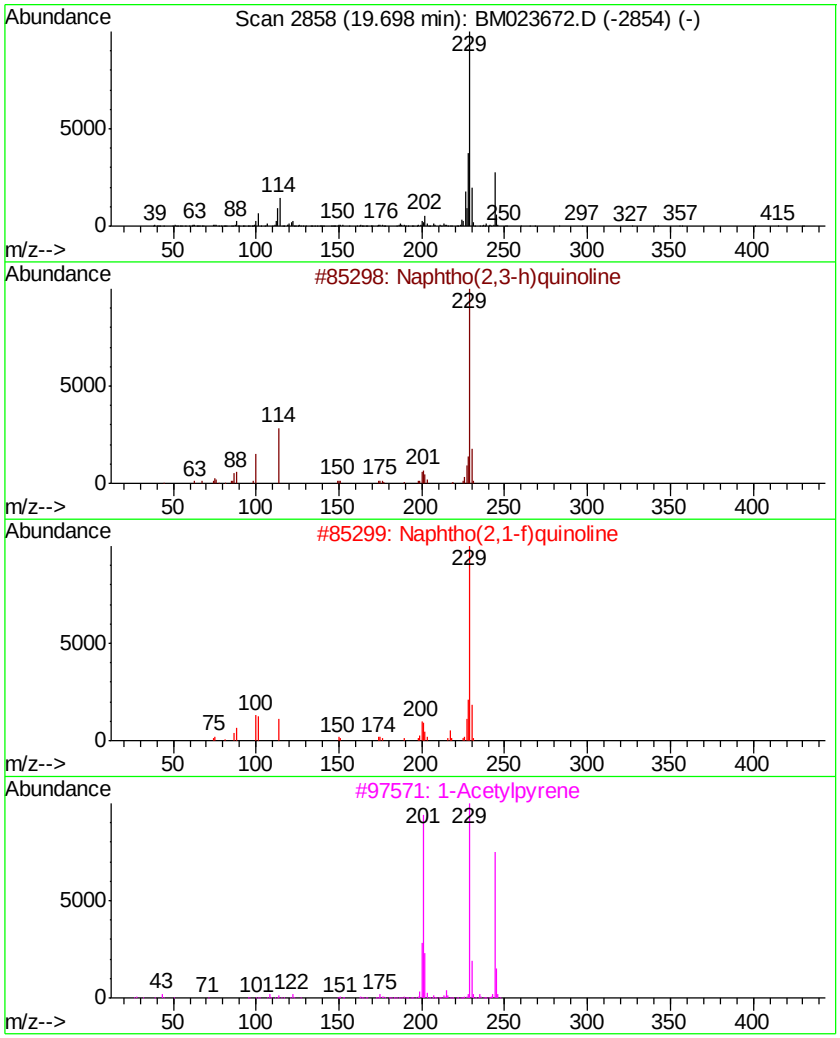
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

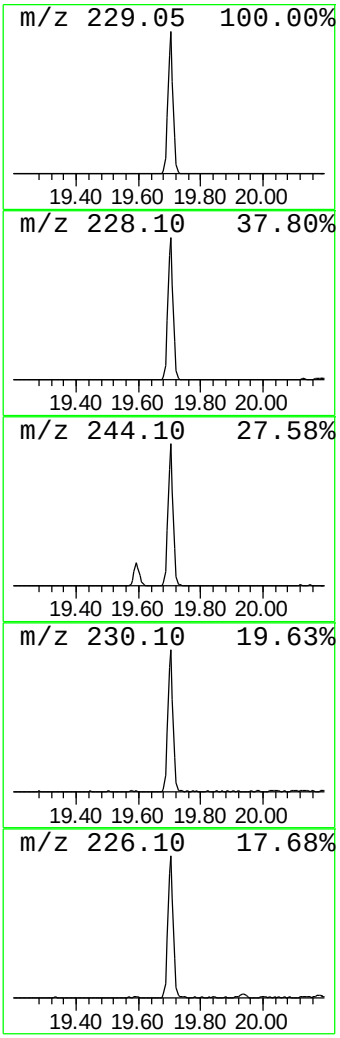
****

Peak Number 2 Naphtho(2,3-h)quinoline Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.55 ng/ul	1346270	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	62
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	58
3	1-Acetylpyrene	244	C18H12O	003264-21-9	53
4	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	53
5	Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	50





Library Search Compound Report

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Misc :
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Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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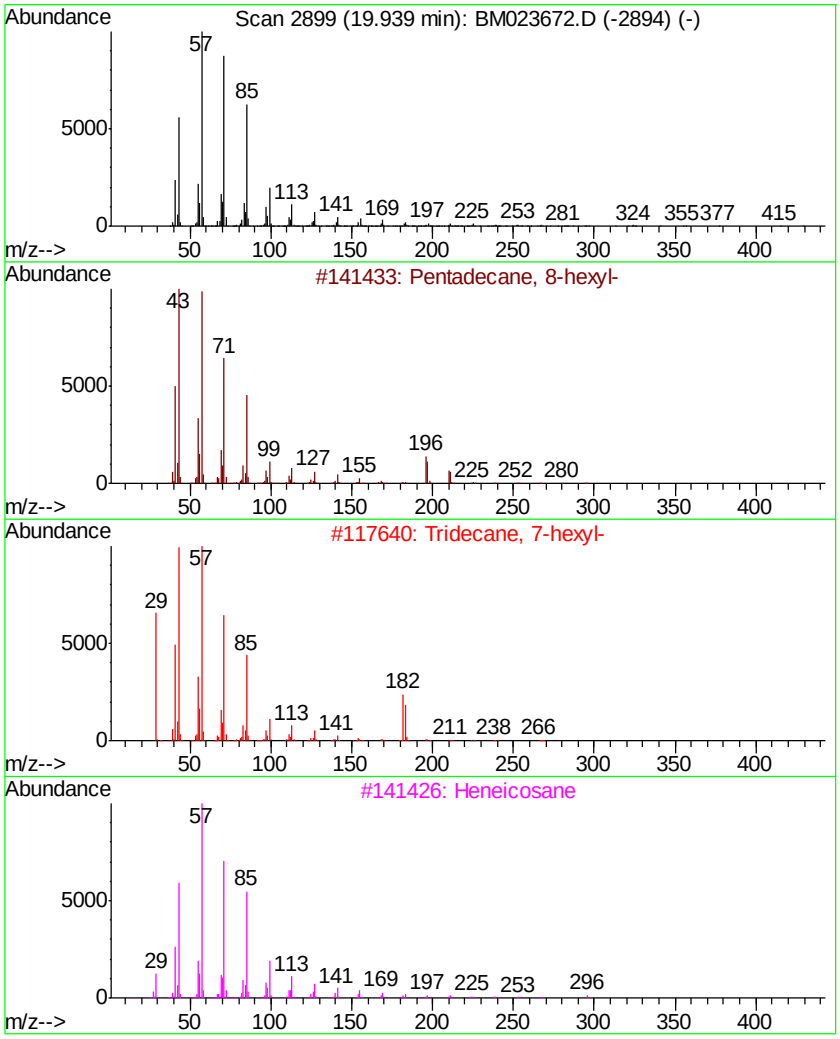
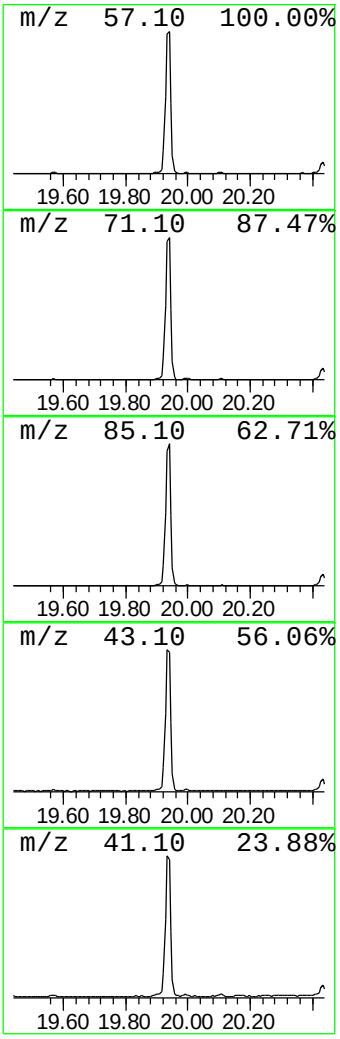
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	11.39 ng/ul	6026960	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Library Search Compound Report

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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

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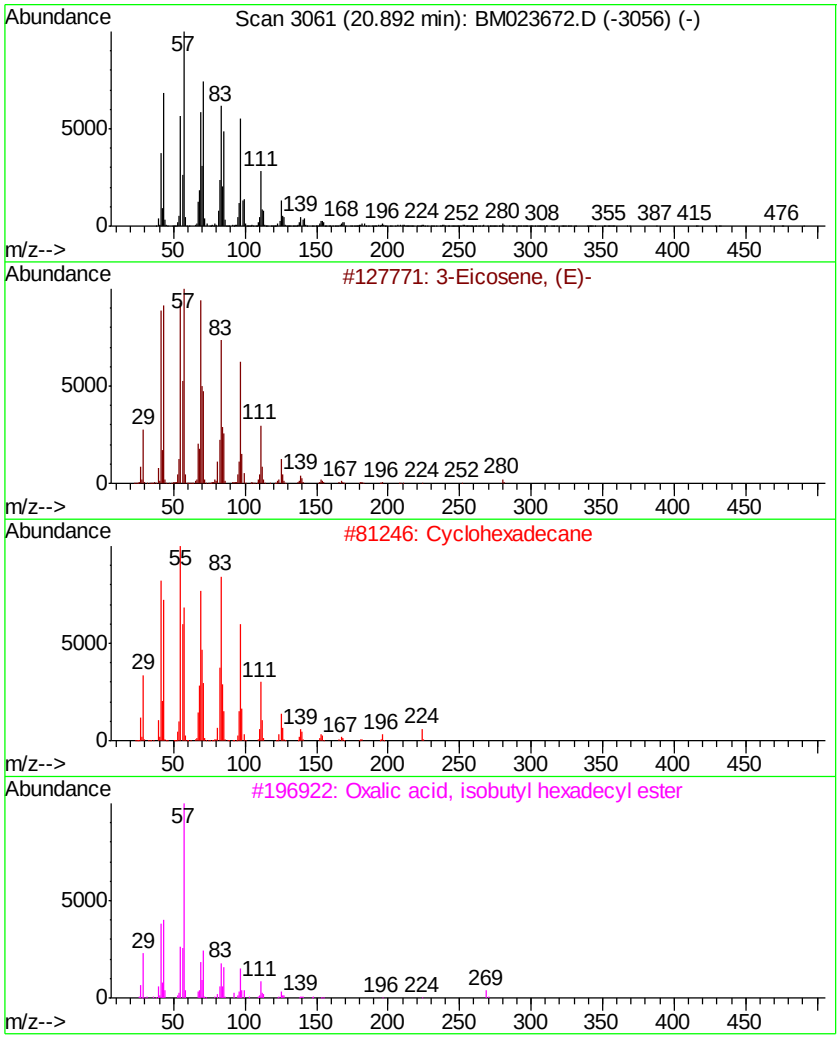
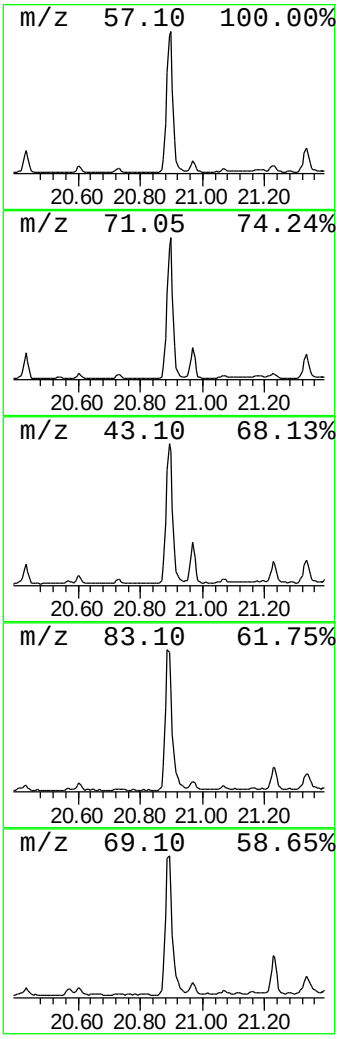
Peak Number 4 (DEL) Alkane: Cyclic20.89 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	11.84 ng/ul	6260730	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
4	Behenic alcohol	326	C22H46O	000661-19-8	83
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	81





Library Search Compound Report

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Acq On : 12 Nov 2019 19:39
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

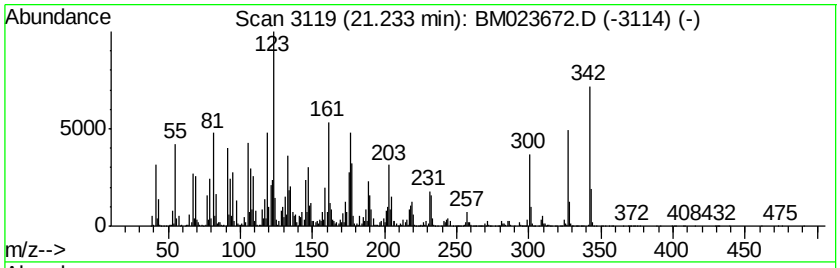
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

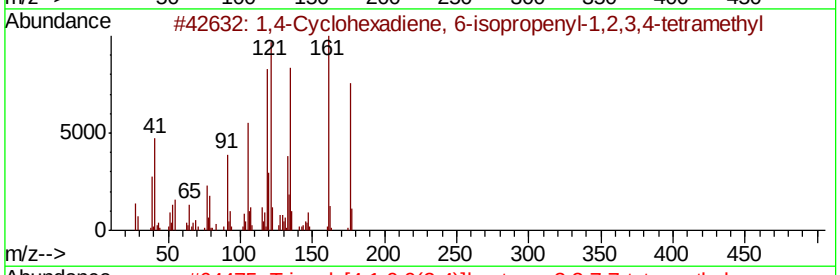
****

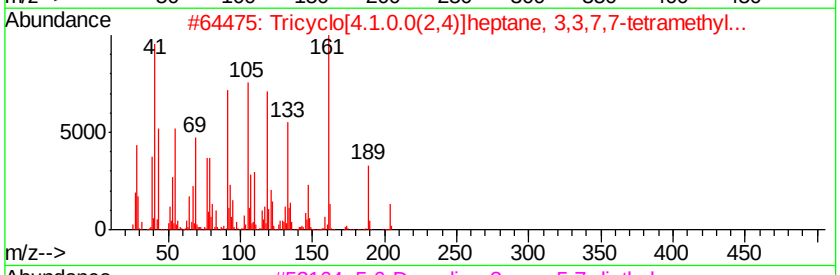
Peak Number 5 unknown-01 Concentration Rank 5

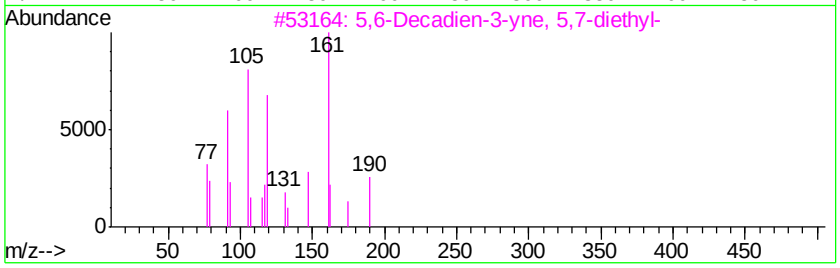
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	11.22 ng/ul	5936650	Chrysene-d12	21.15

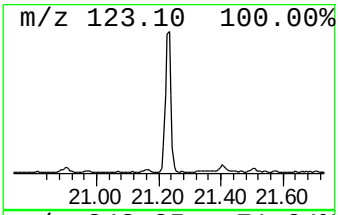
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Cyclohexadiene, 6-isopropenyl...	176	C13H20	1000160-89-3	25
2	Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	25
3	5,6-Decadien-3-yne, 5,7-diethyl-	190	C14H22	061227-89-2	25
4	Bioallethrin	302	C19H26O3	000584-79-2	25
5	3-Fluorobenzoic acid, hex-4-yn-3...	220	C13H13FO2	1000292-60-3	25

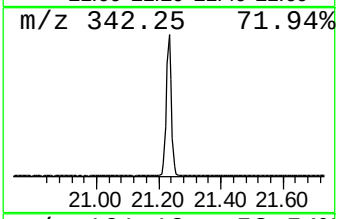


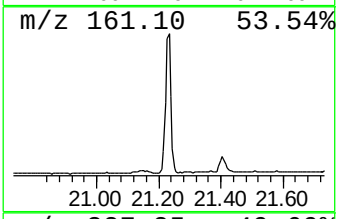


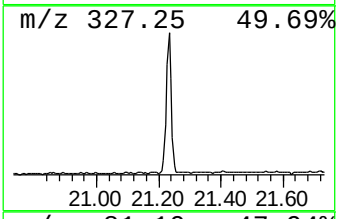


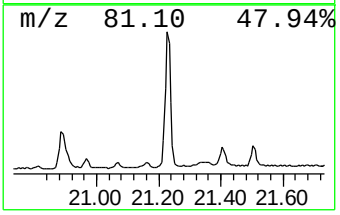












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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

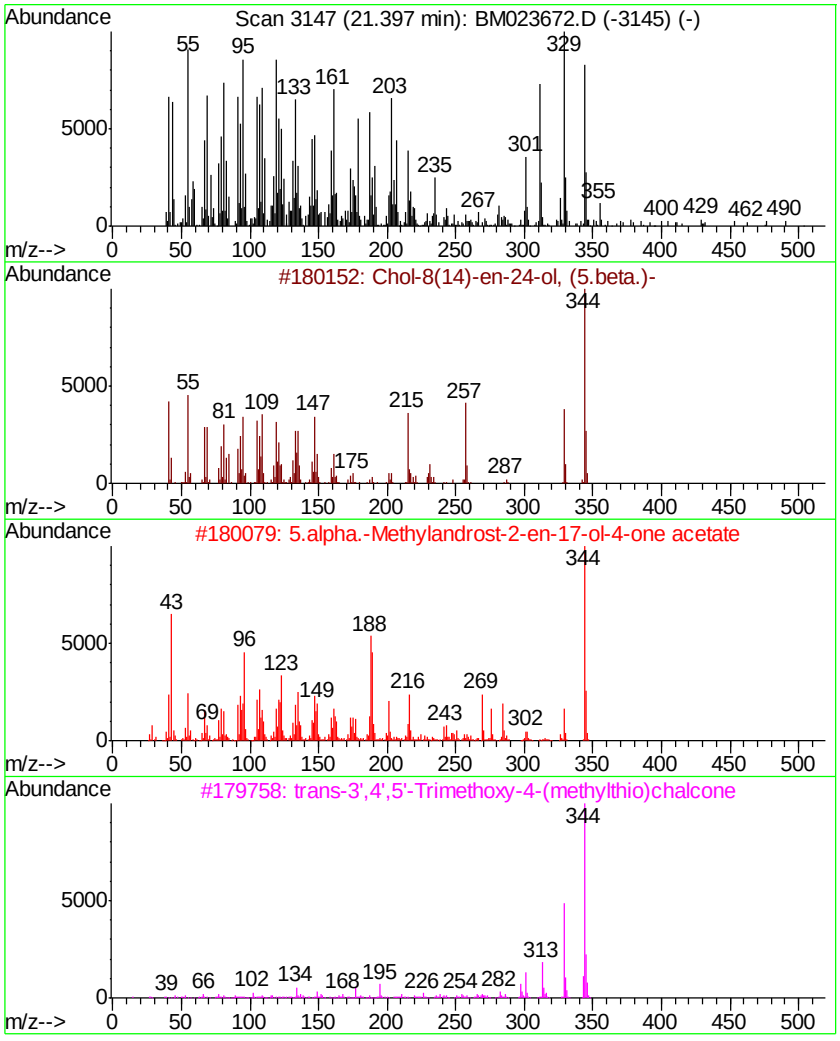
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

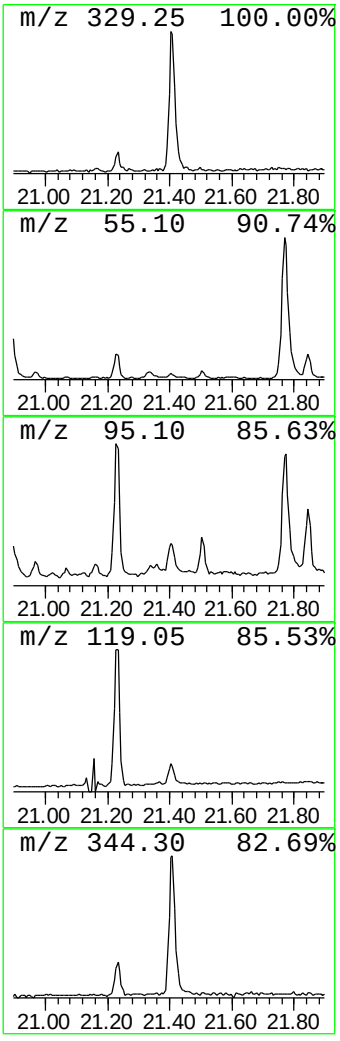
****

Peak Number 6 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.20 ng/ul	1161590	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chol-8(14)-en-24-ol, (5.beta.)-	344	C24H40O	054411-88-0	46
2	5.alpha.-Methylandrost-2-en-17-o...	344	C22H32O3	1000196-54-0	44
3	trans-3',4',5'-Trimethoxy-4-(met...	344	C19H20O4S	121646-13-7	38
4	1',4'-Dimethoxy-2,2'-binaphthale...	344	C22H16O4	054808-07-0	35
5	Silane, dimethylisobutoxytetrade...	344	C20H44O2Si	1000346-77-3	22





Library Search Compound Report

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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

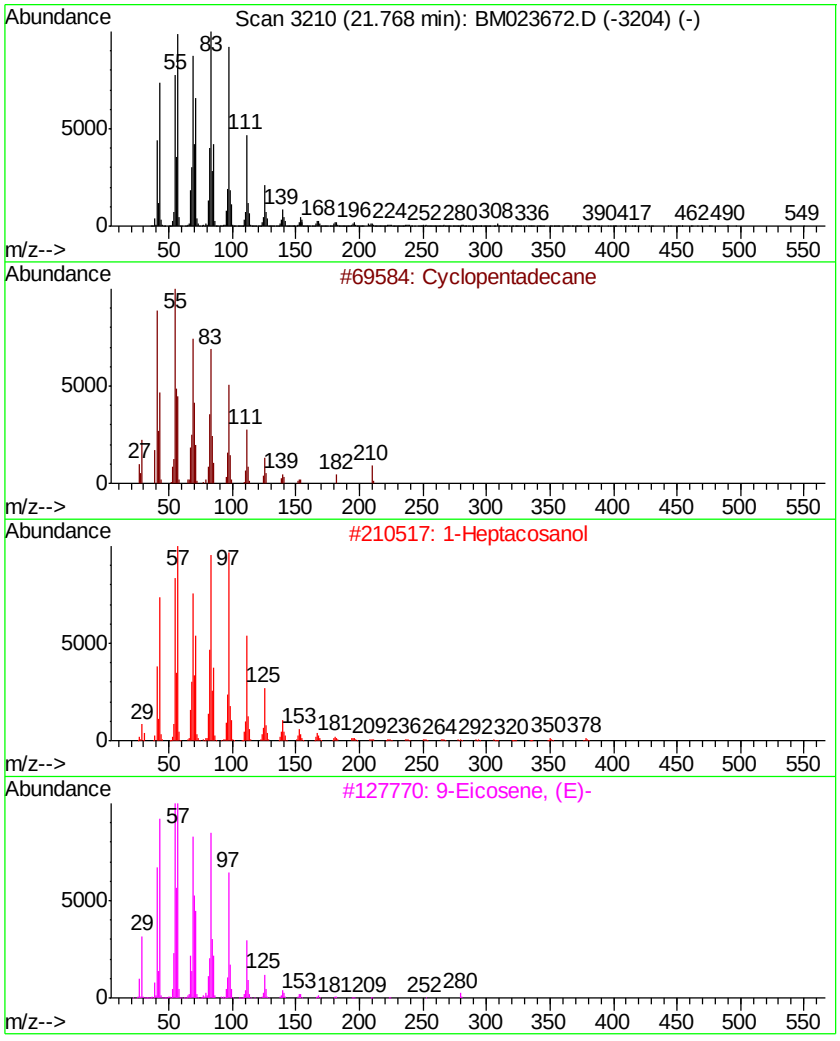
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

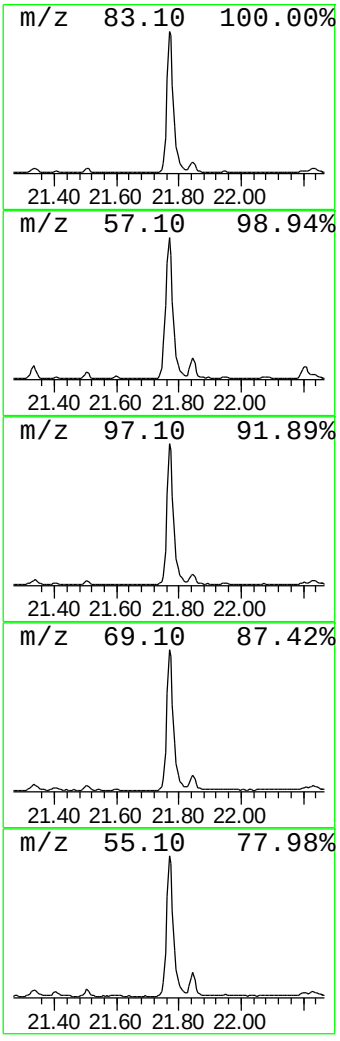
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic21.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	31.05 ng/ul	16422000	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





Library Search Compound Report

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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

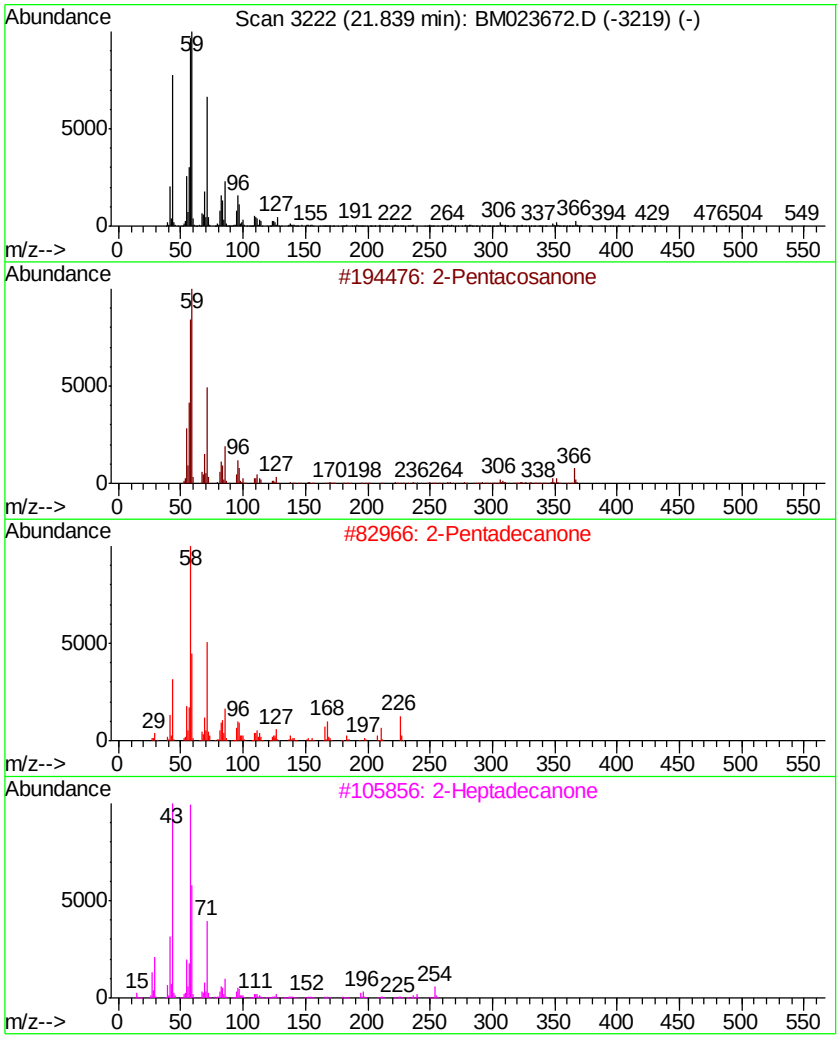
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

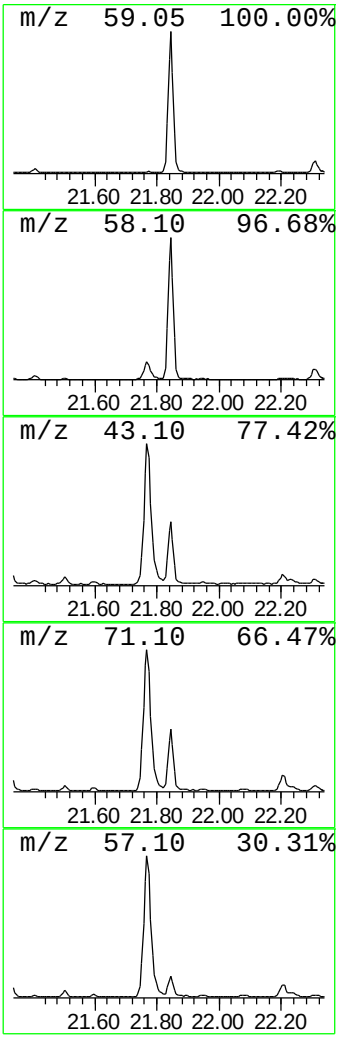
****

Peak Number 8 2-Pentacosanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	6.02 ng/ul	3182310	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	93
2	2-Pentadecanone	226	C15H30O	002345-28-0	59
3	2-Heptadecanone	254	C17H34O	002922-51-2	53
4	2-Nonadecanone	282	C19H38O	000629-66-3	50
5	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38





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Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

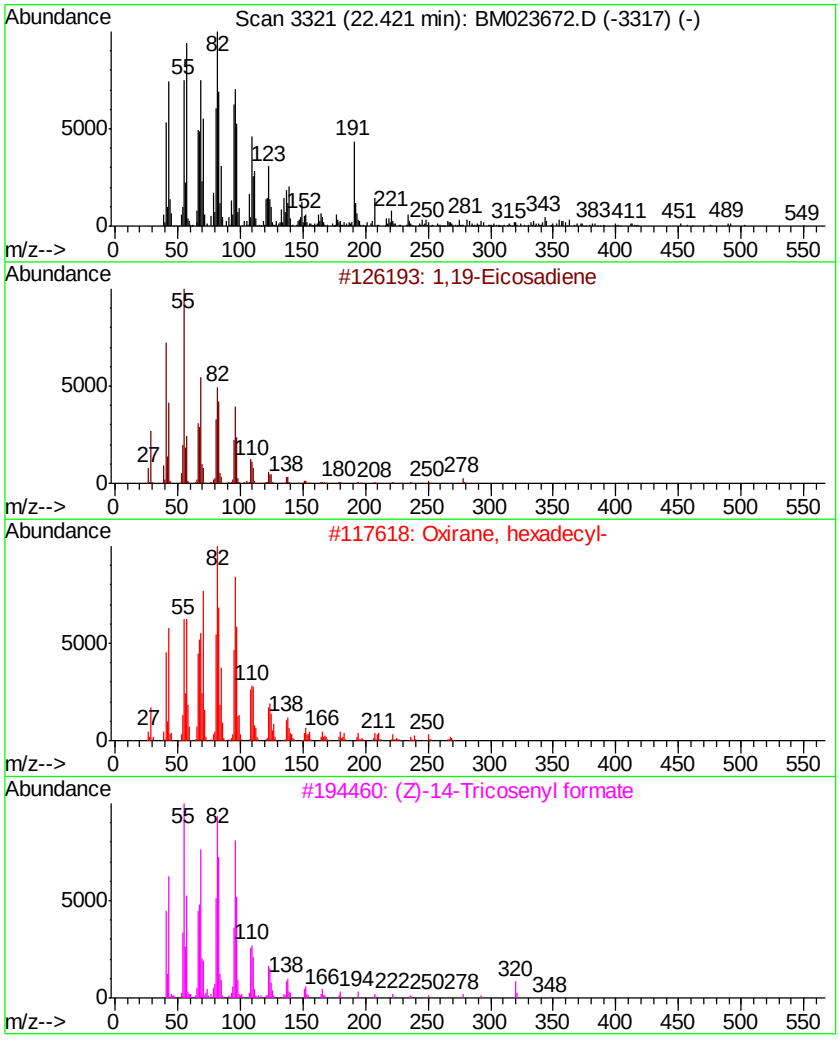
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

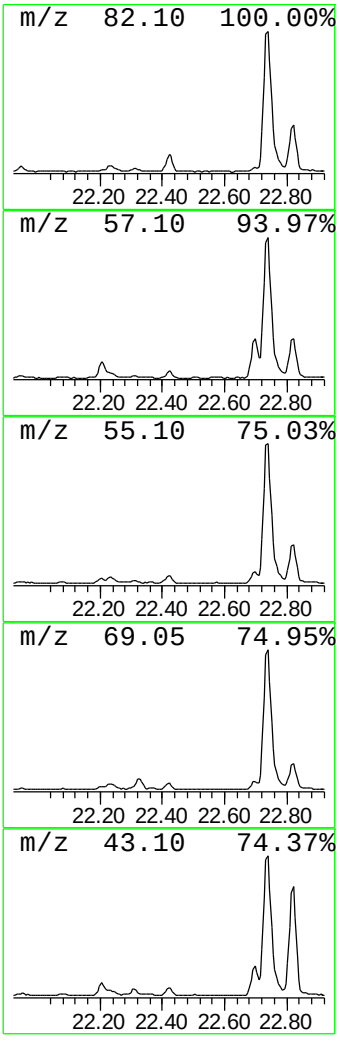
****

Peak Number 9 1,19-Eicosadiene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.10 ng/ul	1010720	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	90
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	89
3	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
4	1,19-Eicosadiene	278	C20H38	014811-95-1	64
5	Octadecanal	268	C18H36O	000638-66-4	64





Library Search Compound Report

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Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

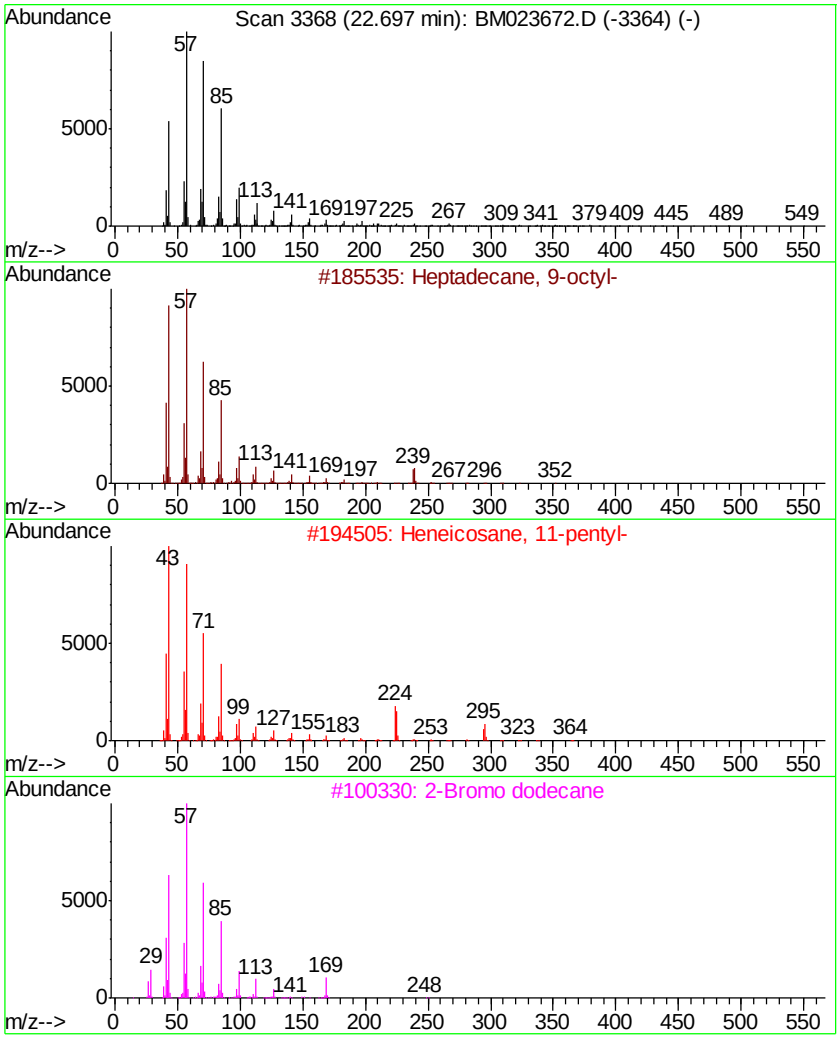
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

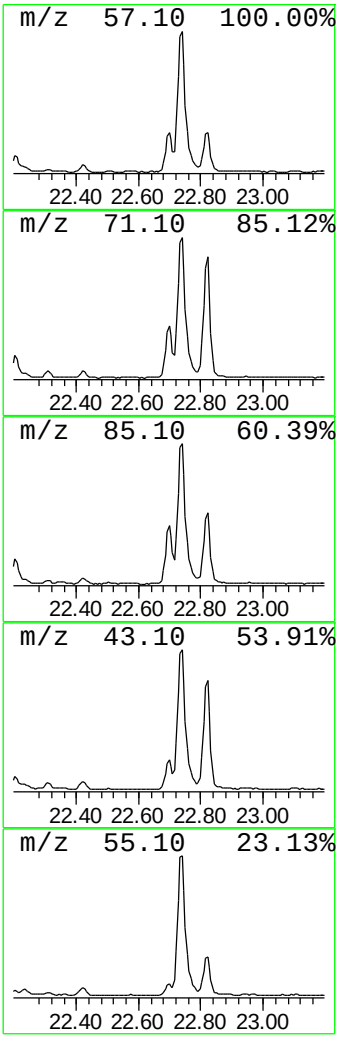
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.76 ng/ul	1325080	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Triacontane	422	C30H62	000638-68-6	91





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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

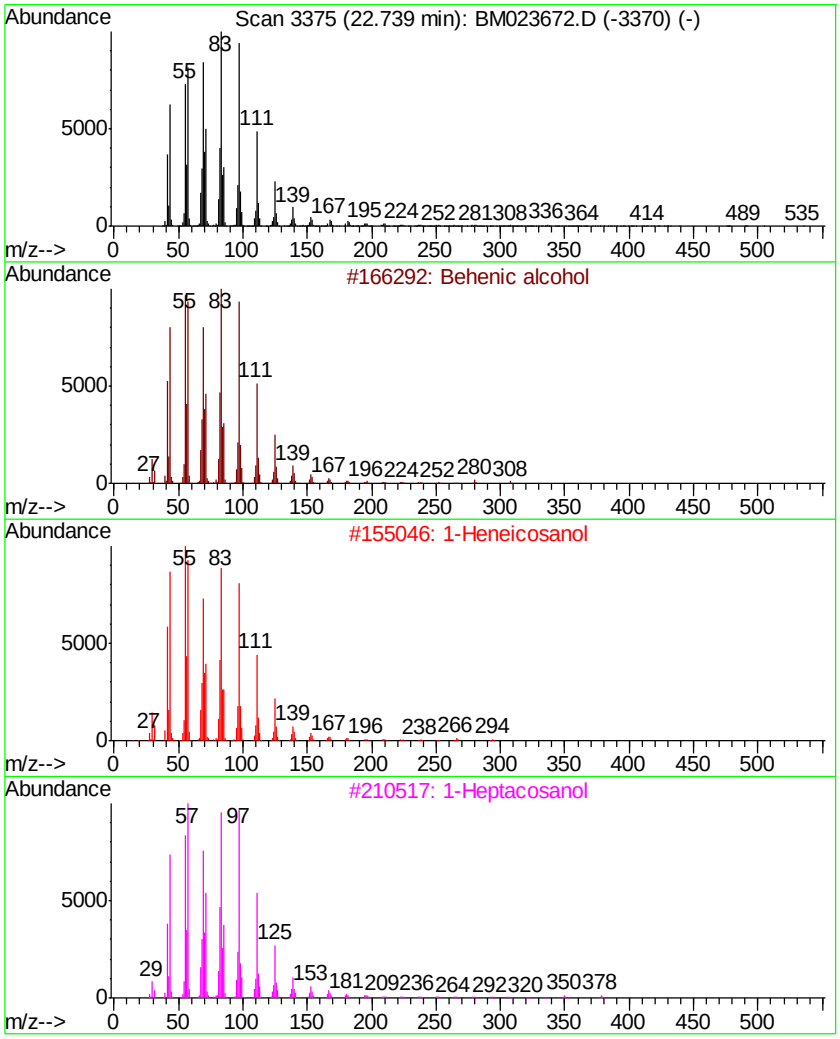
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

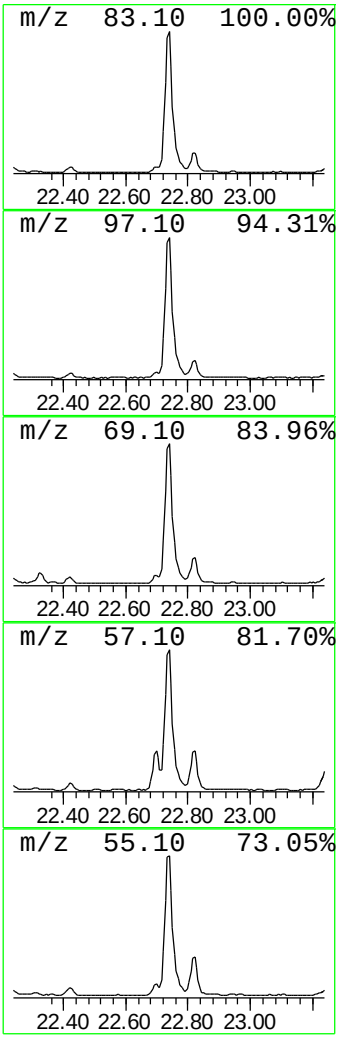
****

Peak Number 11 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	28.74 ng/ul	13819000	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	94
2	1-Heneicosanol	312	C21H44O	015594-90-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	93
4	Cyclotetracosane	336	C24H48	000297-03-0	93
5	Cyclopentadecane	210	C15H30	000295-48-7	93





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Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

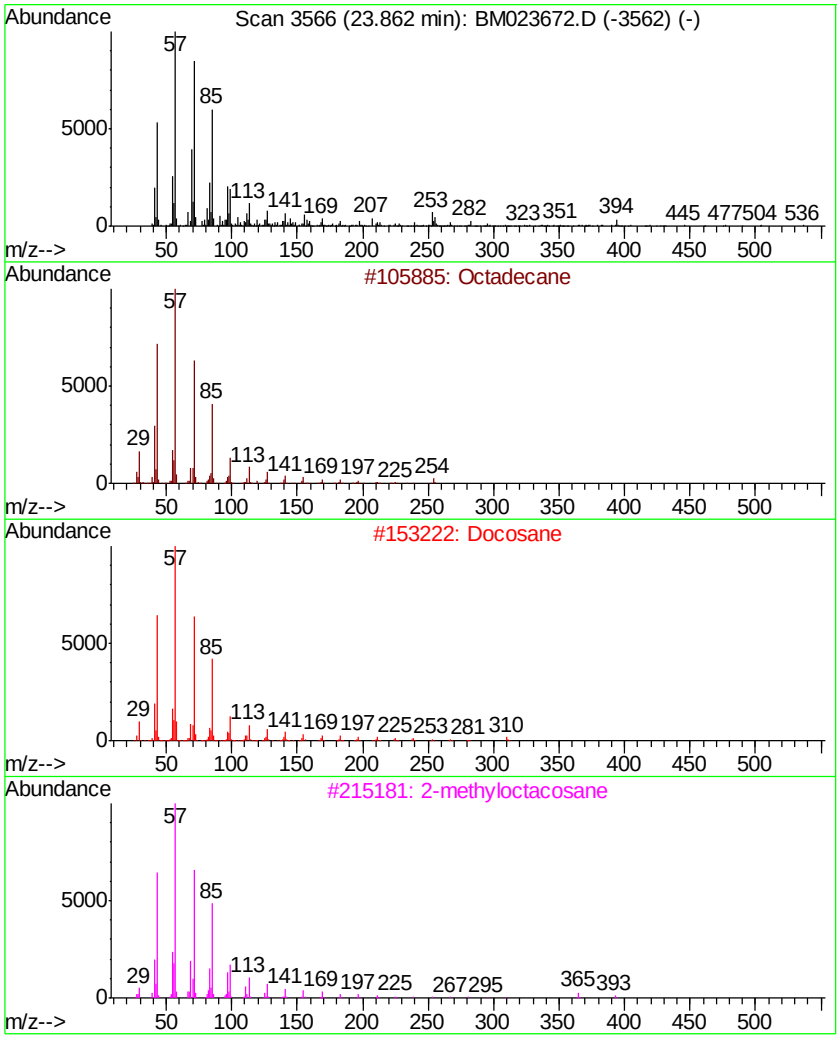
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

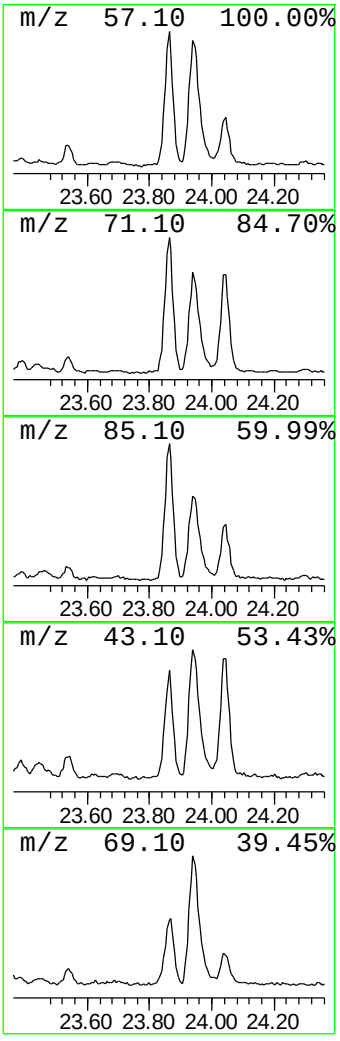
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	3.31 ng/ul	1592440	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	98
2	Docosane	310	C22H46	000629-97-0	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Octadecane	254	C18H38	000593-45-3	89





Library Search Compound Report

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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

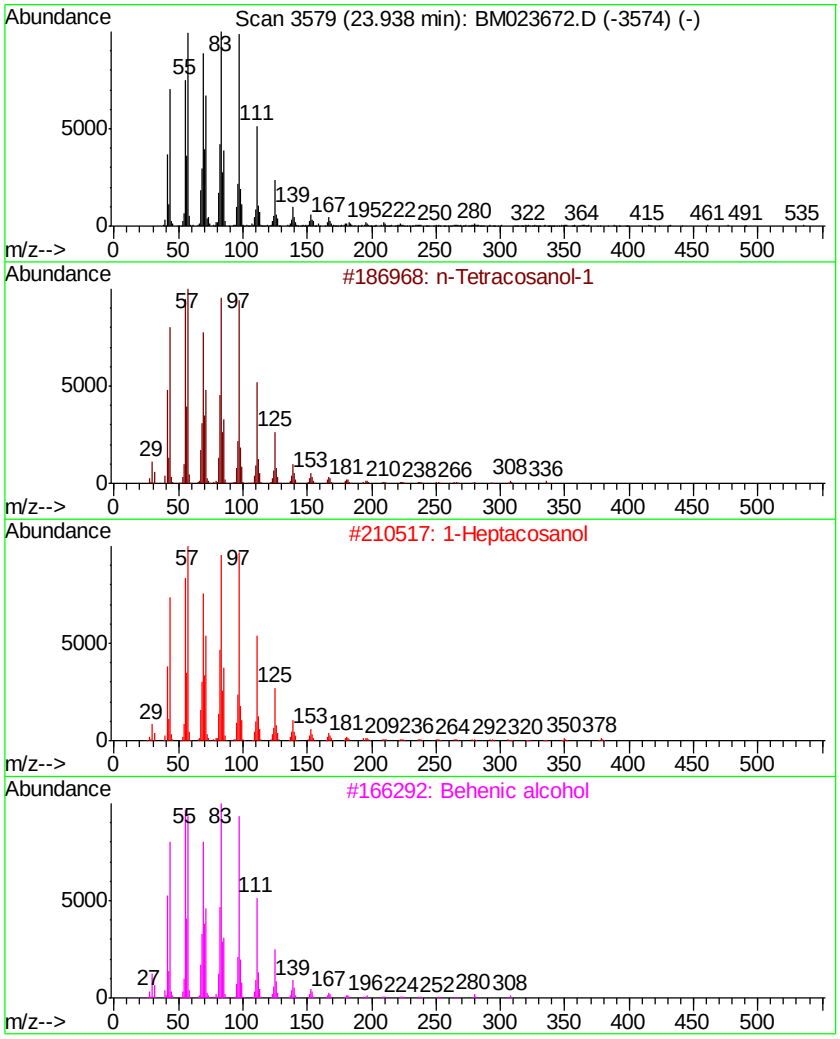
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

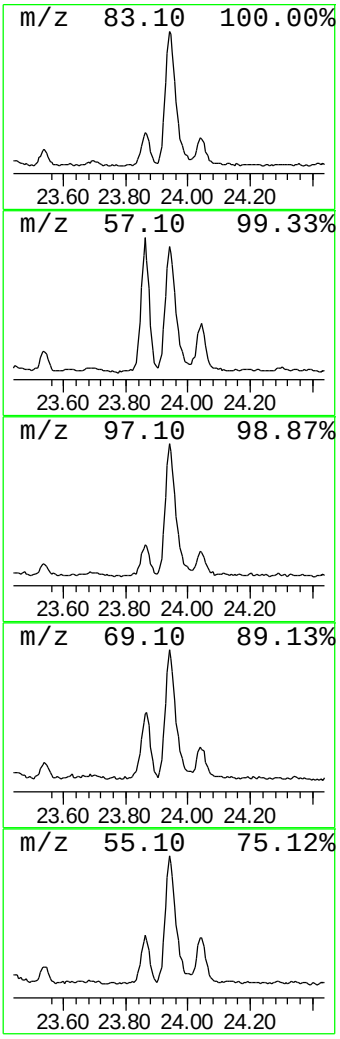
****

Peak Number 14 n-Tetracosanol-1 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.94	6.30 ng/ul	3030970	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	Cyclopentadecane	210	C15H30	000295-48-7	93
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

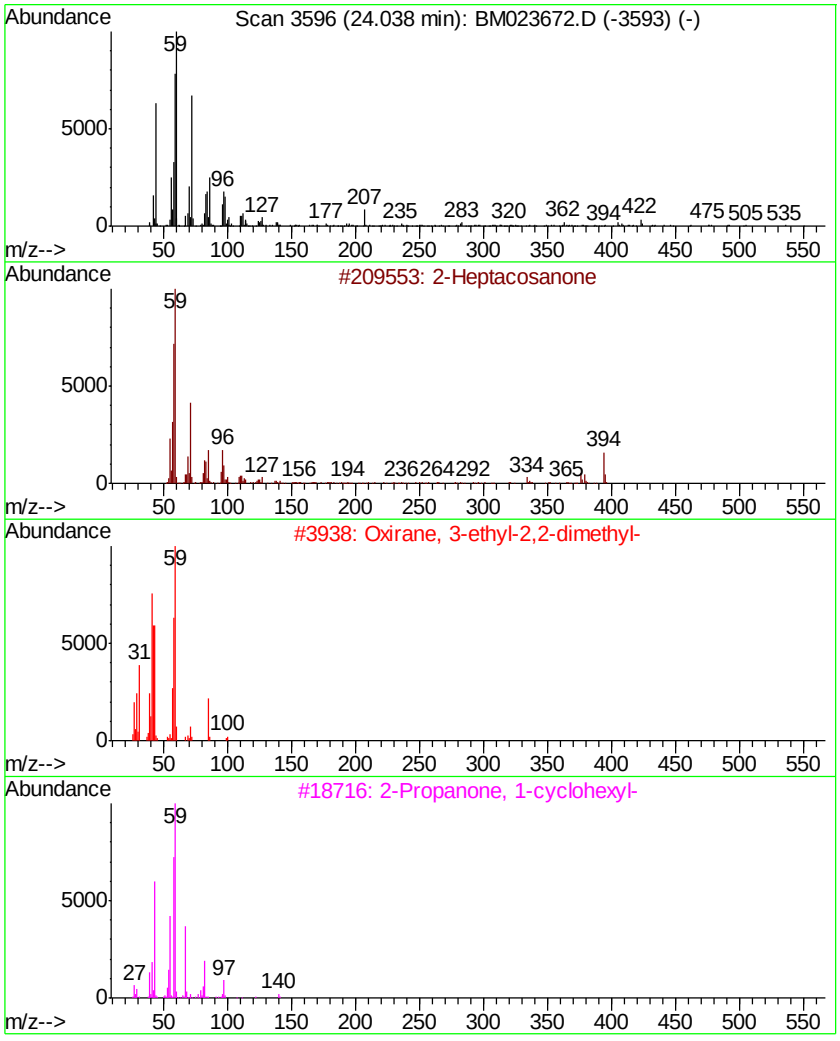
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

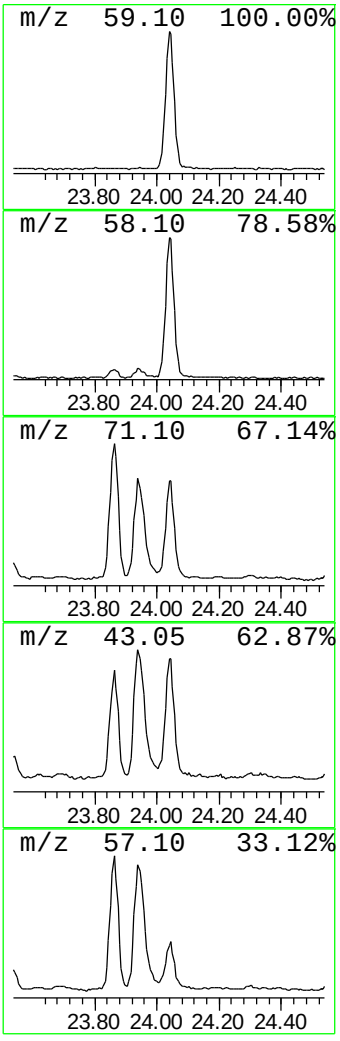
****

Peak Number 15 2-Heptacosanone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	2.77 ng/ul	1332340	Perylene-d12	23.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	86
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
3	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	50
4	9-Decen-2-one	154	C10H18O	035194-30-0	43
5	2-Nonadecanone	282	C19H38O	000629-66-3	43





Tentatively Identified Compound (LSC) summary

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Data File : BM023672.D
Acq On : 12 Nov 2019 19:39
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
(DEL) Alkane: Str...	18.82	3.8	ng/ul	2544750	4	16.95	13496500	20.0
Naphtho(2,3-h)qui...	19.70	2.5	ng/ul	1346270	5	21.15	10579200	20.0
(DEL) Alkane: Str...	19.94	11.4	ng/ul	6026960	5	21.15	10579200	20.0
(DEL) Alkane: Cyc...	20.89	11.8	ng/ul	6260730	5	21.15	10579200	20.0
unknown-01	21.23	11.2	ng/ul	5936650	5	21.15	10579200	20.0
unknown-02	21.40	2.2	ng/ul	1161590	5	21.15	10579200	20.0
(DEL) Alkane: Cyc...	21.77	31.1	ng/ul	16422000	5	21.15	10579200	20.0
2-Pentacosanone	21.84	6.0	ng/ul	3182310	5	21.15	10579200	20.0
1,19-Eicosadiene	22.42	2.1	ng/ul	1010720	6	23.32	9618030	20.0
(DEL) Alkane: Str...	22.70	2.8	ng/ul	1325080	6	23.32	9618030	20.0
Behenic alcohol	22.74	28.7	ng/ul	13819000	6	23.32	9618030	20.0
(DEL) Alkane: Str...	23.86	3.3	ng/ul	1592440	6	23.32	9618030	20.0
n-Tetracosanol-1	23.94	6.3	ng/ul	3030970	6	23.32	9618030	20.0
2-Heptacosanone	24.04	2.8	ng/ul	1332340	6	23.32	9618030	20.0