LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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	42	rVB	64017	103477	0.65%	0.061%
2	3.581	115	118	123	rVB3	26742	38346	0.24%	0.023%
3	3.699	133	138	148	rBV	78287	140471	0.88%	0.083%
4	3.787	150	153	159	rVB3	19951	28247	0.18%	0.017%
5	4.152	212	215	221	rVB8	15223	27688	0.17%	0.016%
6	4.693	303	307	312	rBV	24802	37833	0.24%	0.022%
7	6.234	562	569	576	rBV9	12967	29770	0.19%	0.018%
8	6.581	623	628	633	rBV	36019	65392	0.41%	0.039%
9	6.693	641	647	648	rBV	159331	194150	1.22%	0.115%
10	6.728	648	653	668	rVB	1186672	2098053	13.20%	1.245%
11	6.887	673	680	694	rBV	1043530	1684919	10.60%	1.000%
12	7.075	706	712	723	rVV	1282268	2077758	13.08%	1.233%
13	7.540	783	791	801	rBV	1547160	2402716	15.12%	1.426%
14	7.622	801	805	813	rVB2	23309	39381	0.25%	0.023%
15	8.145	889	894	906	rVB8	16471	41935	0.26%	0.025%
16	8.257	906	913	924	rBV	1686878	2671672	16.81%	1.586%
17	8.363	928	931	936	rVB2	20302	30799	0.19%	0.018%
18	8.692	979	987	995	rBV	1265896	2096442	13.19%	1.245%
19	9.151	1059	1065	1069	rBV2	29111	44551	0.28%	0.026%
20	9.410	1101	1109	1118	rBV	1071961	1775462	11.17%	1.054%
21	9.569	1133	1136	1141	rBV6	10198	21326	0.13%	0.013%
22	9.669	1149	1153	1162	rVB10	19481	36674	0.23%	0.022%
23	9.945	1193	1200	1217	rBV	1807459	2986767	18.80%	1.773%
24	10.316	1255	1263	1273	rBV	2371048	3873837	24.38%	2.300%
25	10.463	1280	1288	1303	rBV	469458	941587	5.93%	0.559%
26	10.798	1338	1345	1351	rVB	63248	103744	0.65%	0.062%
27	11.139	1397	1403	1413	rVB	15483	30055	0.19%	0.018%
28	11.304	1427	1431	1438	rBV7	11937	29305	0.18%	0.017%
29	11.916	1530	1535	1542	rVB	36463	60032	0.38%	0.036%
30	12.533	1634	1640	1652	rBV	105210	239402	1.51%	0.142%
31	13.116	1730	1739	1746	rVV	360388	553917	3.49%	0.329%
32	13.175	1746	1749	1758	rVB9	13756	24306	0.15%	0.014%
33	13.616	1817	1824	1829	rVV	3382307	4710194	29.64%	2.796%
34	13.663	1829	1832	1843	rVB	1212437	1559839	9.82%	0.926%

LSC Area Percent Report

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Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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	13.886	1863	1870	1881	rBV	3895551	5703101	35.89%	3.386%
36	14.069	1898	1901	1906	rVB3	19723	28439	0.18%	0.017%
37	14.198	1914	1923	1931	rBV	4010248	5908985	37.19%	3.508%
38	14.422	1954	1961	1979	rBV	459061	838556	5.28%	0.498%
39	14.563	1979	1985	1992	rVV	74383	133796	0.84%	0.079%
40	14.633	1992	1997	2002	rVV2	168313	262148	1.65%	0.156%
41	14.686	2002	2006	2011	rVB2	30247	48381	0.30%	0.029%
42	15.027	2059	2064	2070	rBV5	17248	33807	0.21%	0.020%
43	15.192	2086	2092	2099	rBV	4924797	7195588	45.28%	4.272%
44	15.239	2099	2100	2109	rVB8	39874	48176	0.30%	0.029%
45	15.327	2109	2115	2120	rBV	1028687	1452319	9.14%	0.862%
46	15.380	2120	2124	2130	rVV	590346	794993	5.00%	0.472%
47	15.433	2130	2133	2137	rVB	61435	85934	0.54%	0.051%
48	15.545	2145	2152	2157	rBV7	14340	31832	0.20%	0.019%
49	15.657	2162	2171	2182	rBV	130154	220075	1.39%	0.131%
50	15.904	2207	2213	2217	rBV8	9876	20124	0.13%	0.012%
51	15.945	2217	2220	2223	rVV3	25936	34473	0.22%	0.020%
52	15.980	2223	2226	2232	rVB6	26695	37622	0.24%	0.022%
53	16.110	2244	2248	2254	rBV9	12165	28188	0.18%	0.017%
54	16.257	2268	2273	2277	rBV2	36188	51430	0.32%	0.031%
55	16.474	2305	2310	2320	rVB6	67152	109256	0.69%	0.065%
56	16.627	2332	2336	2342	rVB7	12694	21943	0.14%	0.013%
57	16.715	2343	2351	2364	rBV3	55552	155734	0.98%	0.092%
58	16.945	2384	2390	2400	rBV	4883266	6890324	43.36%	4.090%
59	17.045	2401	2407	2419	rVV	5320593	7241739	45.57%	4.299%
60	17.474	2476	2480	2485	rVB	168229	197358	1.24%	0.117%
61	17.639	2505	2508	2512	rVB6	13689	21194	0.13%	0.013%
62	17.868	2542	2547	2554	rBV	253587	396875	2.50%	0.236%
63	18.168	2594	2598	2606	rBV4	50169	76410	0.48%	0.045%
64	18.333	2624	2626	2633	rVB6	33723	43952	0.28%	0.026%
65	18.809	2702	2707	2712	rBV	2190123	2453250	15.44%	1.456%
66	18.980	2732	2736	2742	rBV	68629	100471	0.63%	0.060%
67	19.156	2760	2766	2774	rBV9	53220	145536	0.92%	0.086%
68	19.233	2776	2779	2784	rVB	61888	85300	0.54%	0.051%
69	19.351	2792	2799	2803	rBV	5700004	7950090	50.03%	4.719%
70	19.392	2803	2806	2811	rVB	457310	534233	3.36%	0.317%
71	19.568	2832	2836	2838	rBV3	55421	78231	0.49%	0.046%

LSC Area Percent Report

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Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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

72	19.698	2854	2858	2865	rBV	1042023	1289815	8.12%	0.766%
73	19.898	2889	2892	2893	rBV3	65075	73180	0.46%	0.043%
74	19.933	2893	2898	2903	rVB	5776754	6223313	39.17%	3.694%
75	20.162	2934	2937	2942	rVB3	91594	114048	0.72%	0.068%
76	20.427	2979	2982	2986	rVB	354192	390455	2.46%	0.232%
77	20.568	3002	3006	3009	rBV2	606920	746593	4.70%	0.443%
78	20.603	3009	3012	3016	rVB3	201174	246286	1.55%	0.146%
79	20.727	3031	3033	3037	rVB2	90038	88137	0.55%	0.052%
80	20.886	3056	3060	3070	rBV2	3958401	5983262	37.65%	3.552%
81	20.968	3070	3074	3078	rVV	665941	726884	4.57%	0.432%
82	21.068	3088	3091	3094	rBV2	120568	145893	0.92%	0.087%
83	21.145	3099	3104	3112	rVB	4556441	5936349	37.36%	3.524%
84	21.227	3113	3118	3130	rBV	5188570	6220986	39.15%	3.693%
85	21.333	3132	3136	3139	rBV	599364	721533	4.54%	0.428%
86	21.403	3144	3148	3155	rVV4	866161	1206645	7.59%	0.716%
87	21.503	3162	3165	3169	rBV	539489	553859	3.49%	0.329%
88	21.768	3204	3210	3218	rBV	11861992	15889847	100.00%	9.433%
89	21.845	3219	3223	3228	rVB	2606614	3062923	19.28%	1.818%
90	22.203	3281	3284	3286	rBV	364842	429507	2.70%	0.255%
91	22.415	3317	3320	3330	rVB3	654147	954237	6.01%	0.566%
92	22.697	3363	3368	3370	rBV	985560	1503966	9.46%	0.893%
93	22.733	3370	3374	3383	rVV	8653237	13321297	83.84%	7.908%
94	22.815	3384	3388	3395	rVB	3457815	5123384	32.24%	3.041%
95	23.174	3443	3449	3455	rBV	3332085	5854703	36.85%	3.476%
96	23.239	3457	3460	3465	rVB	459904	667532	4.20%	0.396%
97	23.309	3466	3472	3479	rBV	3071518	5333028	33.56%	3.166%
98	23.856	3561	3565	3572	rVB	838451	1547222	9.74%	0.918%
99	23.933	3573	3578	3587	rVB	1323263	2557845	16.10%	1.518%
100	24.039	3592	3596	3606	rVB2	684532	1279415	8.05%	0.760%

Sum of corrected areas: 168452054

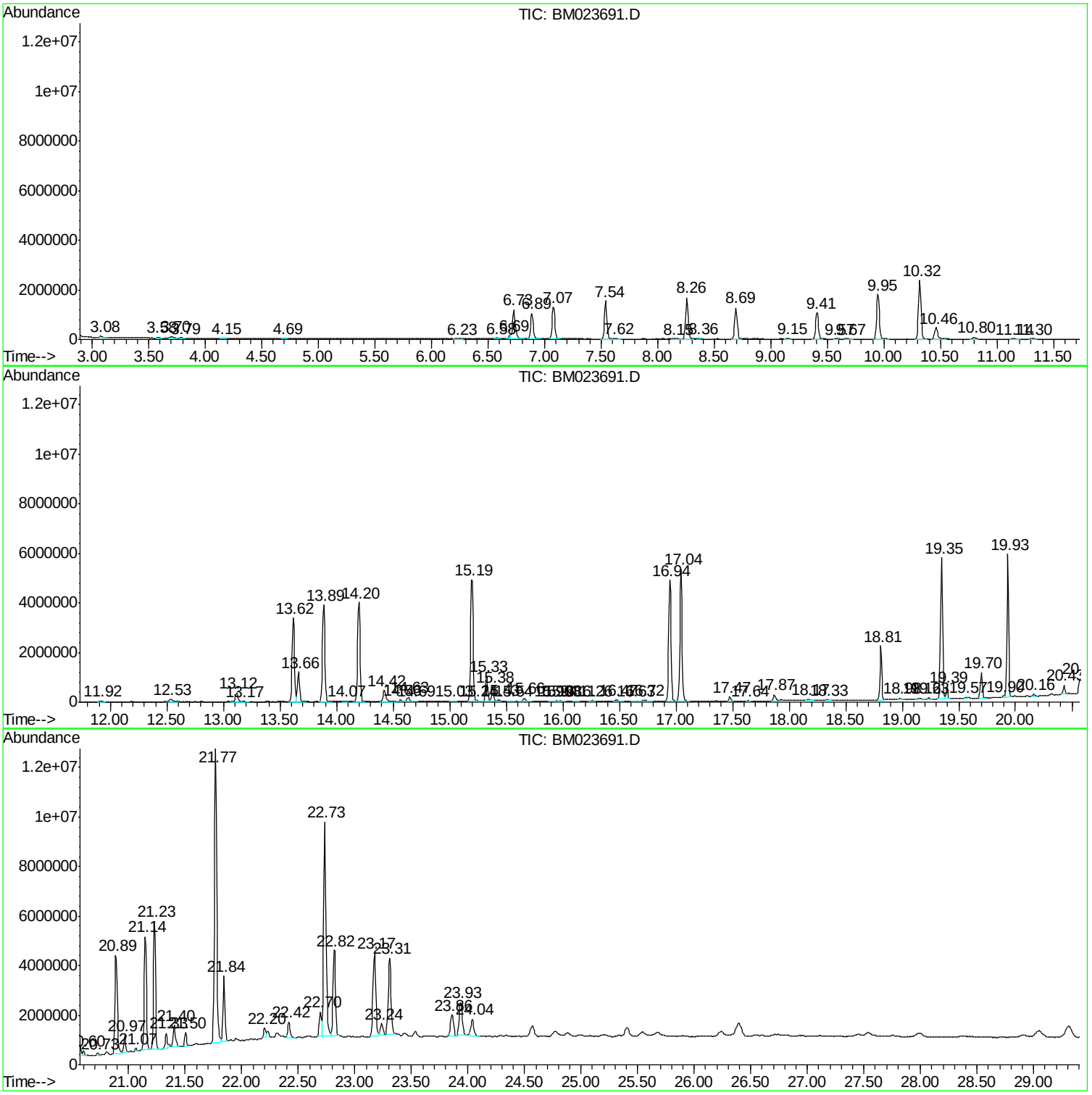
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

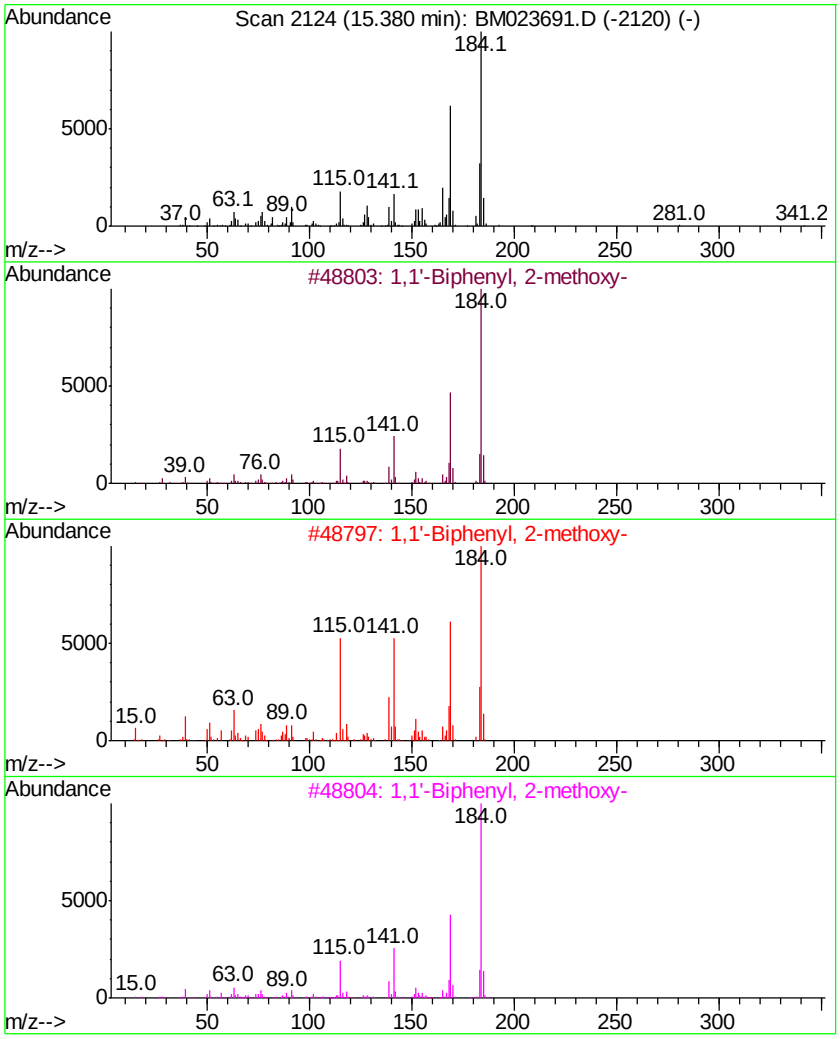
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

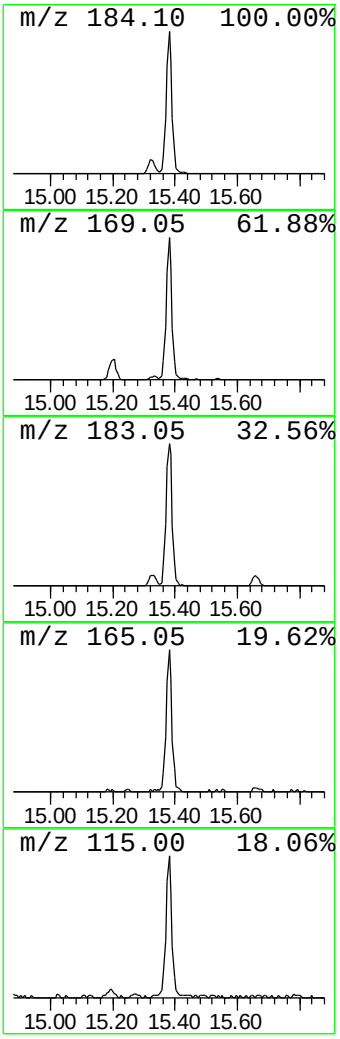
****

Peak Number 1 1,1'-Biphenyl, 2-methoxy- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.69 ng/ul	794993	Acenaphthene-d10	14.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	90
2	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	81
3	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	81
4	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	76
5	Chamazulene	184	C14H16	000529-05-5	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

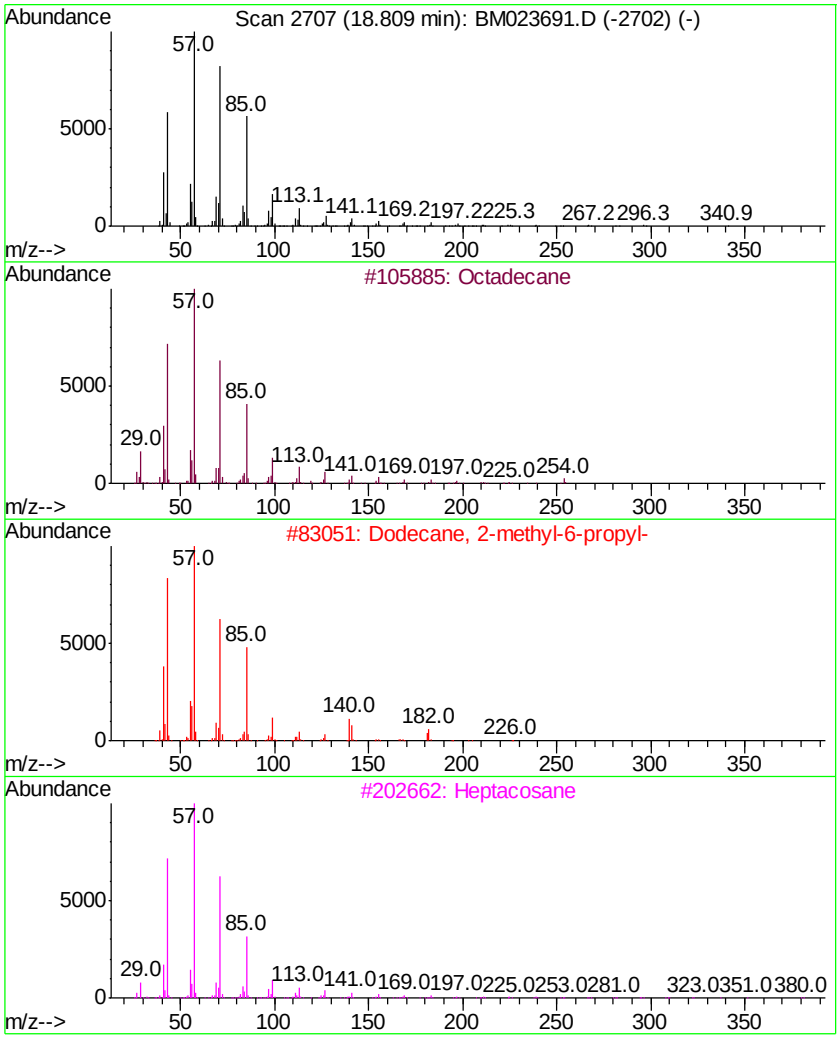
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

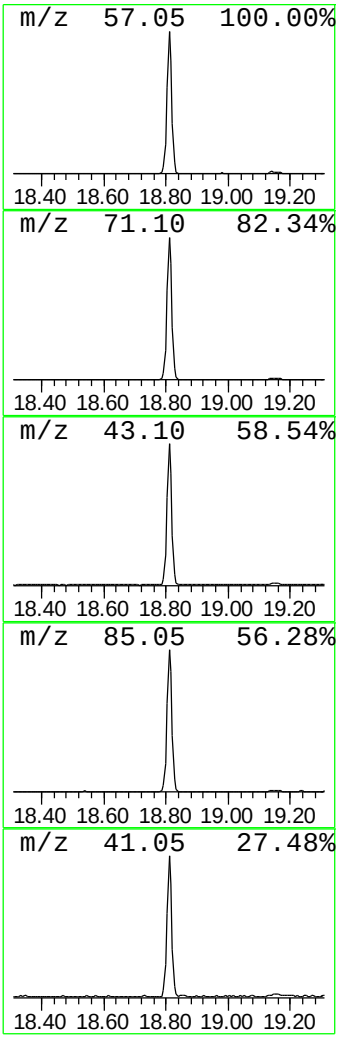
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	7.12 ng/ul	2453250	Phenanthrene-d10	16.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

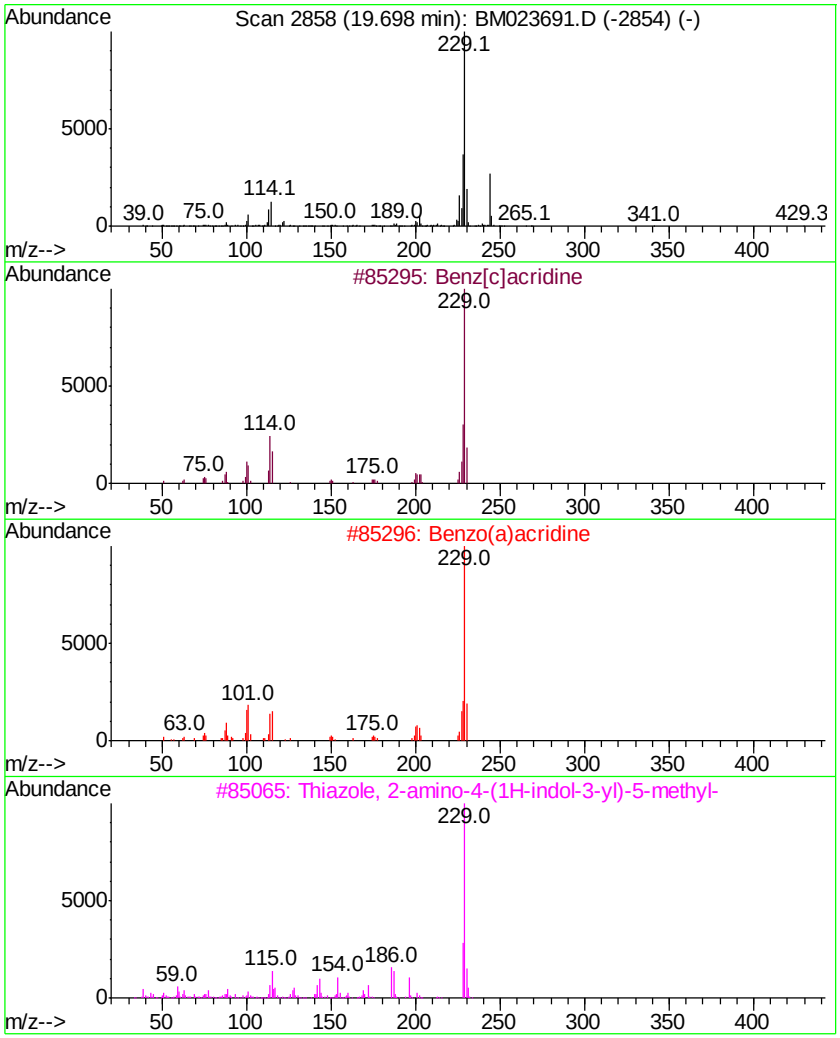
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

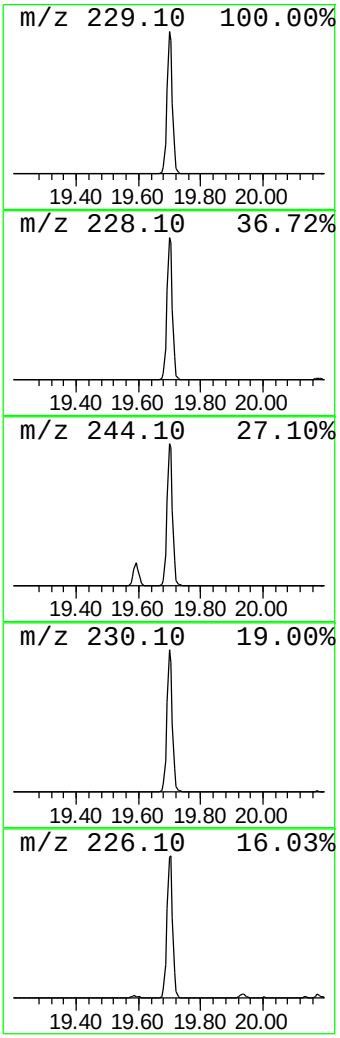
****

Peak Number 3 Benz[c]acridine Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	4.35 ng/ul	1289820	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	64
2	Benzo(a)acridine	229	C17H11N	000225-11-6	58
3	Thiazole, 2-amino-4-(1H-indol-3-...	229	C12H11N3S	1000304-18-3	53
4	5H-Dibenz[b,f]azepine, 3-chloro-...	229	C14H12ClN	032943-25-2	53
5	Benzocyclopentene, 4,5,6,7-tetra...	244	C18H28	1000156-41-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

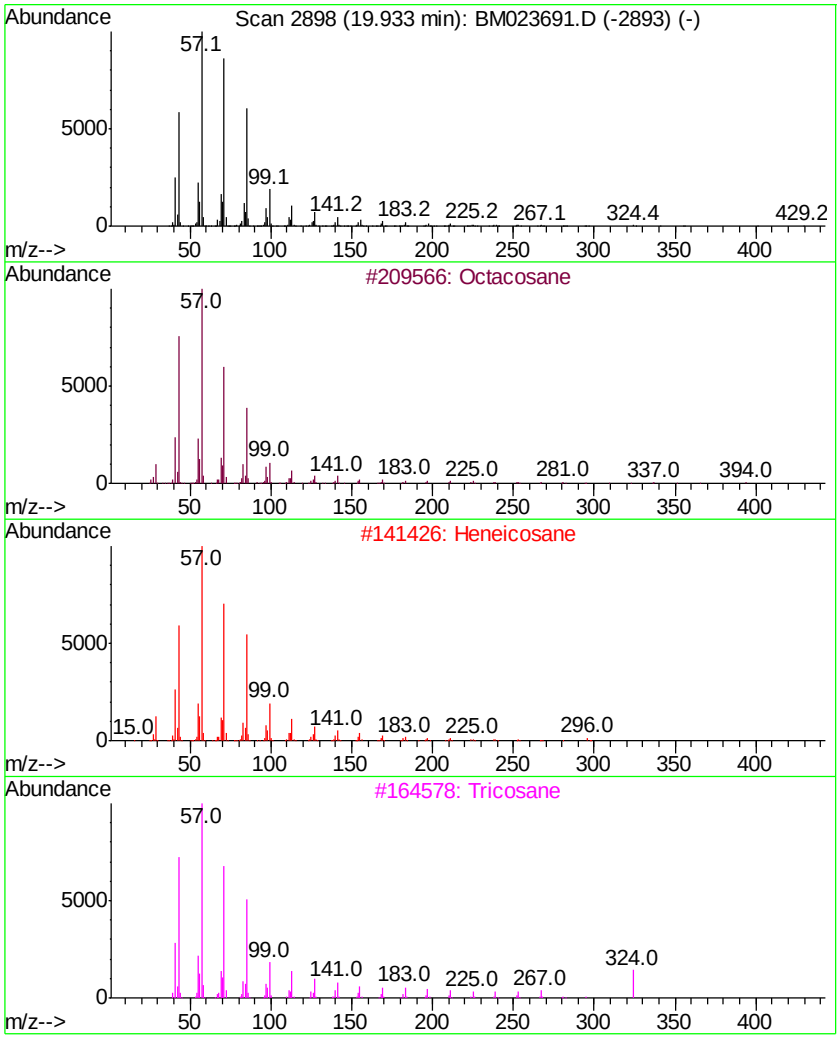
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

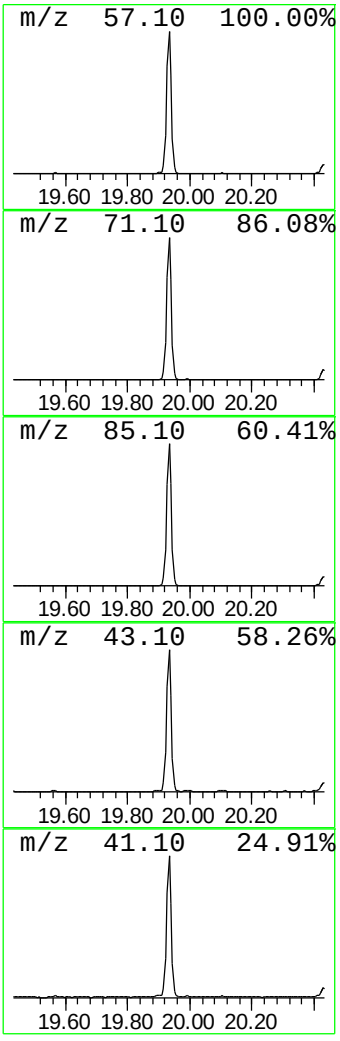
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	20.97 ng/ul	6223310	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

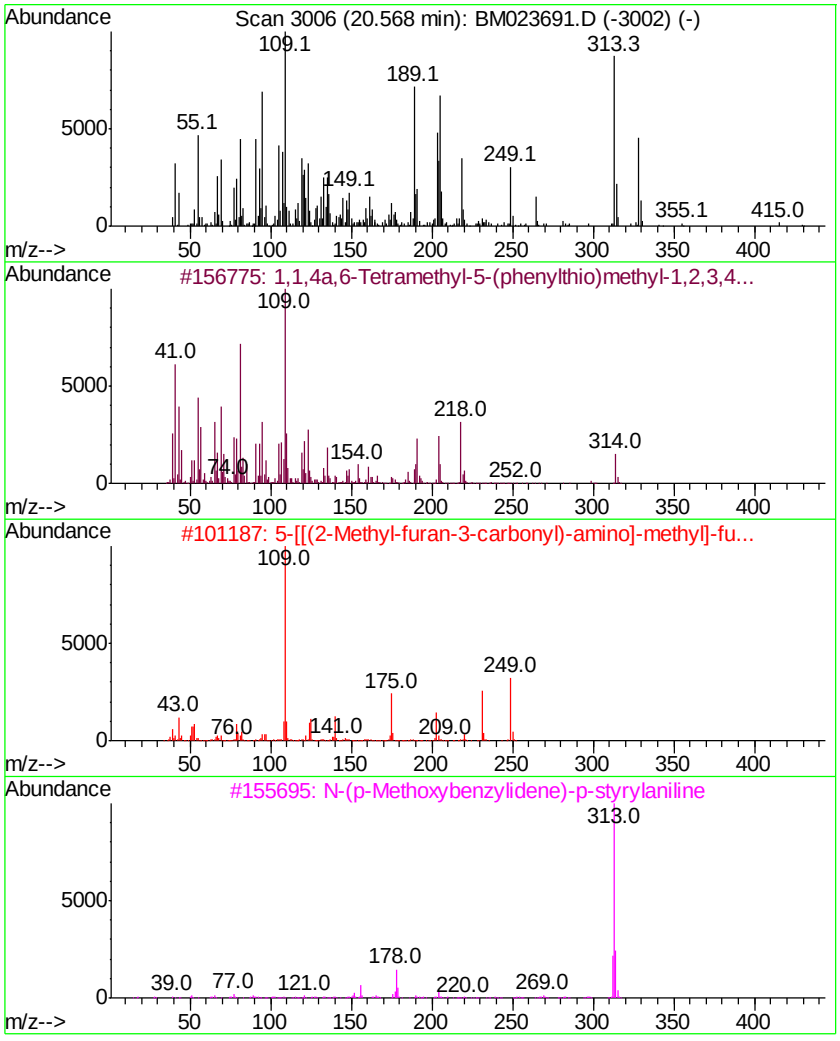
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

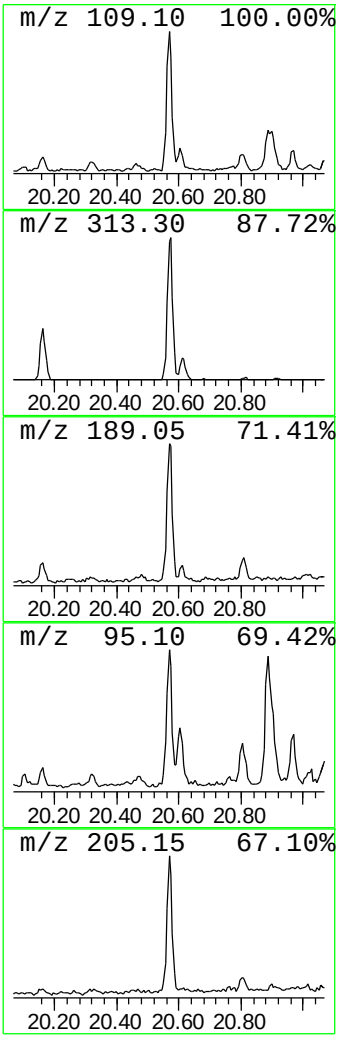
****

Peak Number 5 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.52 ng/ul	746593	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4a,6-Tetramethyl-5-(phenylth...	314	C21H30S	155191-62-1	25
2	5-[[(2-Methyl-furan-3-carbonyl)-...	249	C12H11NO5	1000274-42-2	15
3	N-(p-Methoxybenzylidene)-p-styry...	313	C22H19NO	322413-12-7	11
4	Benzene, 1-(bromomethyl)-4-fluoro-	188	C7H6BrF	000459-46-1	11
5	2-Isopropenyl-4a,8-dimethyl-1,2,...	204	C15H24	1000193-57-0	10





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Sample : K5565-06
Misc :
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Instrument : BNA_M
ClientSampleId : JLNA5

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Quant Title : SVOA CALIBRATION

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

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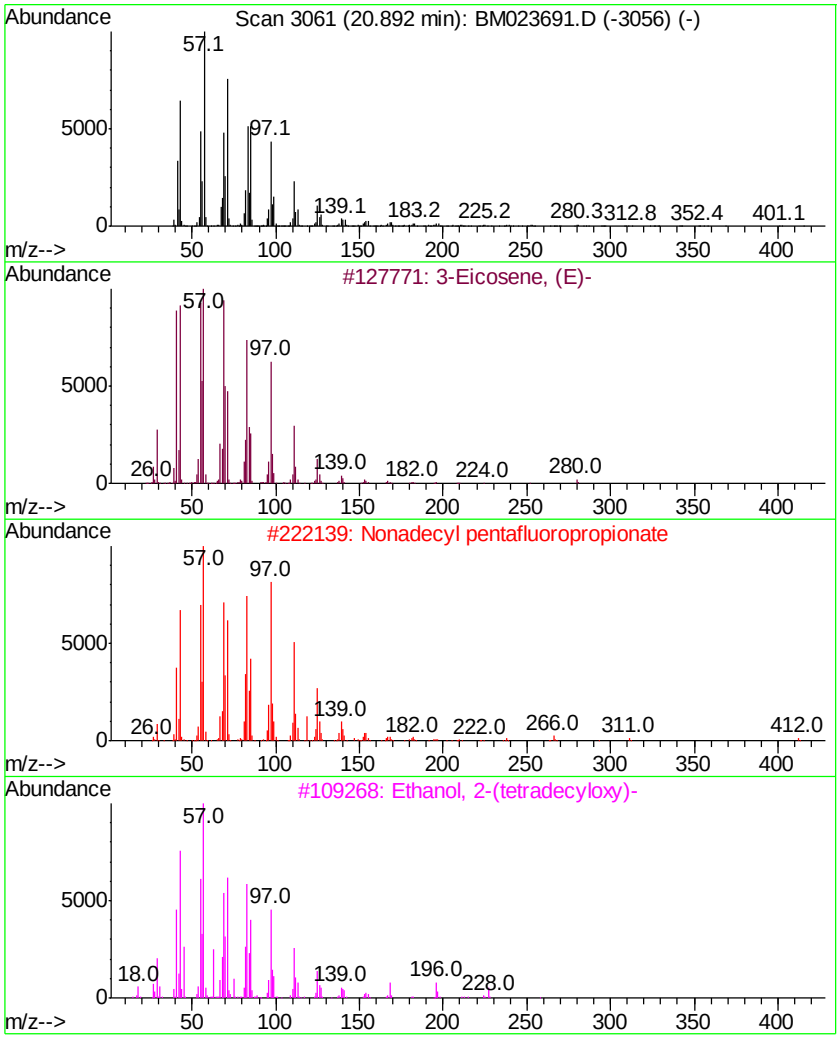
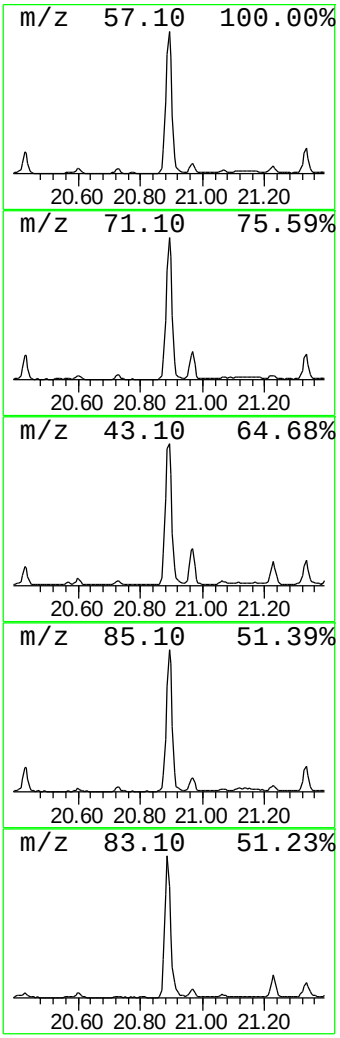
Peak Number 6 (DEL) Alkane: Cyclic20.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	20.16 ng/ul	5983260	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	91
5	Cyclohexadecane	224	C16H32	000295-65-8	89





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ClientSampleId : JLNA5

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Quant Title : SVOA CALIBRATION

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

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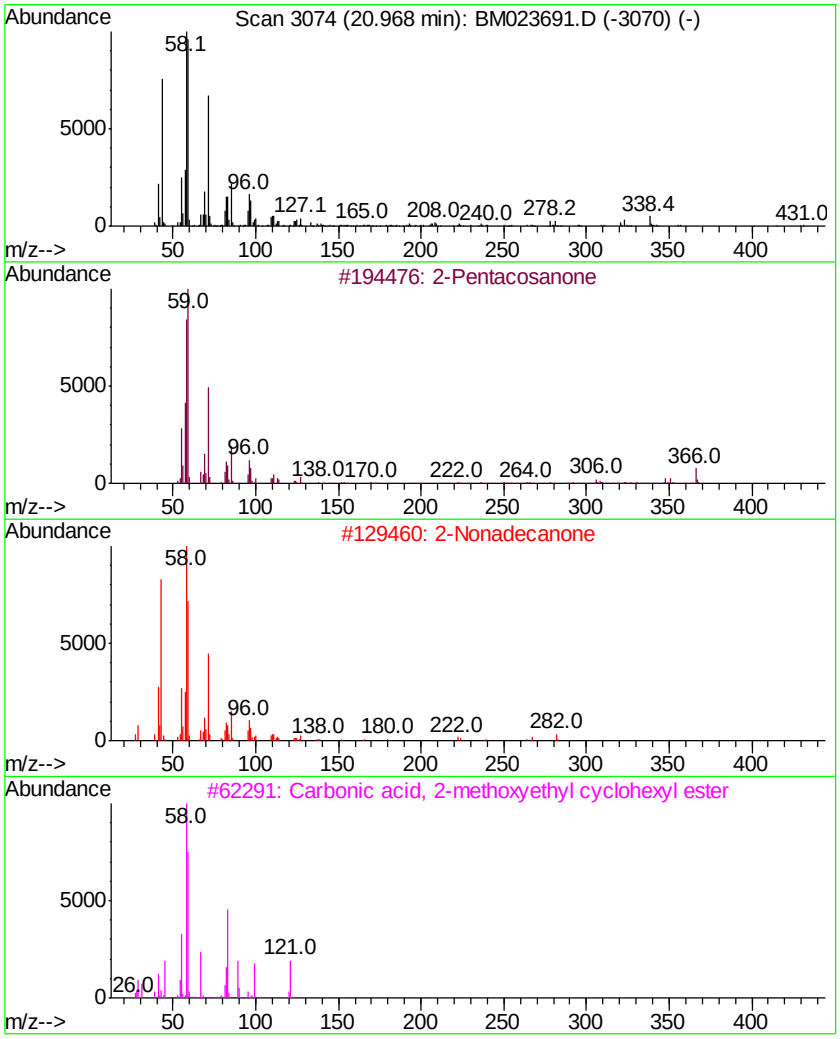
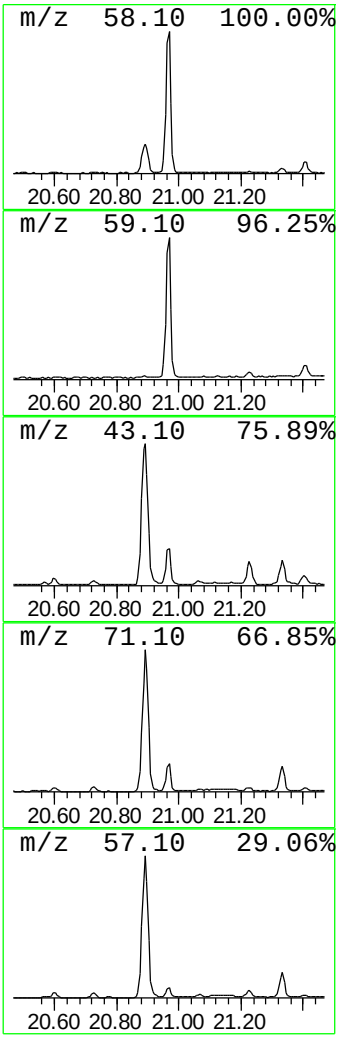
Peak Number 7 2-Pentacosanone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.45 ng/ul	726884	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	91
2	2-Nonadecanone	282	C19H38O	000629-66-3	49
3	Carbonic acid, 2-methoxyethyl cy...	202	C10H18O4	1000357-86-7	47
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	43
5	2-Pentadecanone	226	C15H30O	002345-28-0	43





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Instrument : BNA_M
ClientSampleId : JLNA5

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Quant Title : SVOA CALIBRATION

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

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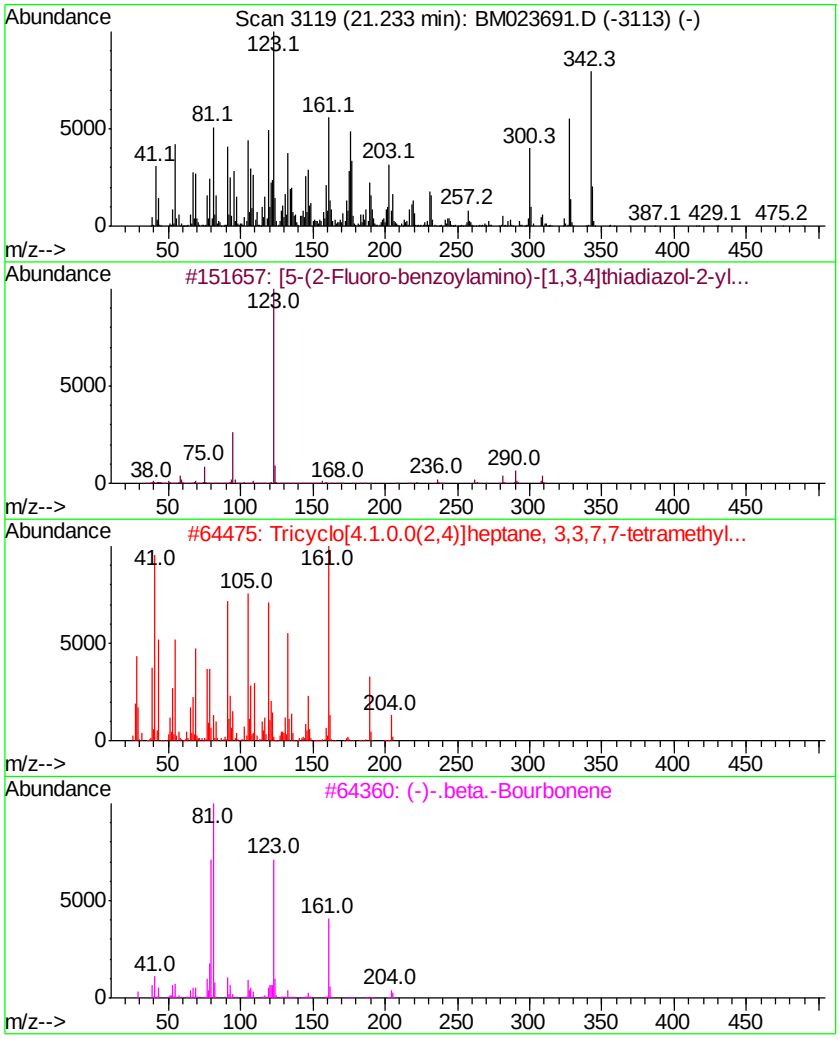
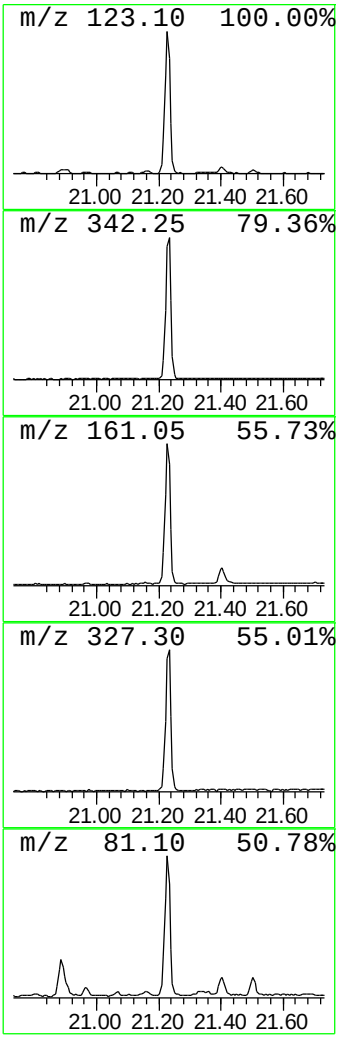
Peak Number 8 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	20.96 ng/ul	6220990	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[5-(2-Fluoro-benzoylamino)-[1,3,...	309	C13H12FN3O3S	312502-92-4	25
2	Tricyclo[4.1.0.0(2,4)]heptane, 3...	204	C15H24	056348-21-1	25
3	(-)-.beta.-Bourbonene	204	C15H24	005208-59-3	25
4	5,6-Decadien-3-yne, 5,7-diethyl-	190	C14H22	061227-89-2	25
5	4H-1-Benzopyran-4-one, 2-(3,4-di...	342	C19H18O6	017093-86-6	20





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Instrument : BNA_M
ClientSampleId : JLNA5

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Quant Title : SVOA CALIBRATION

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

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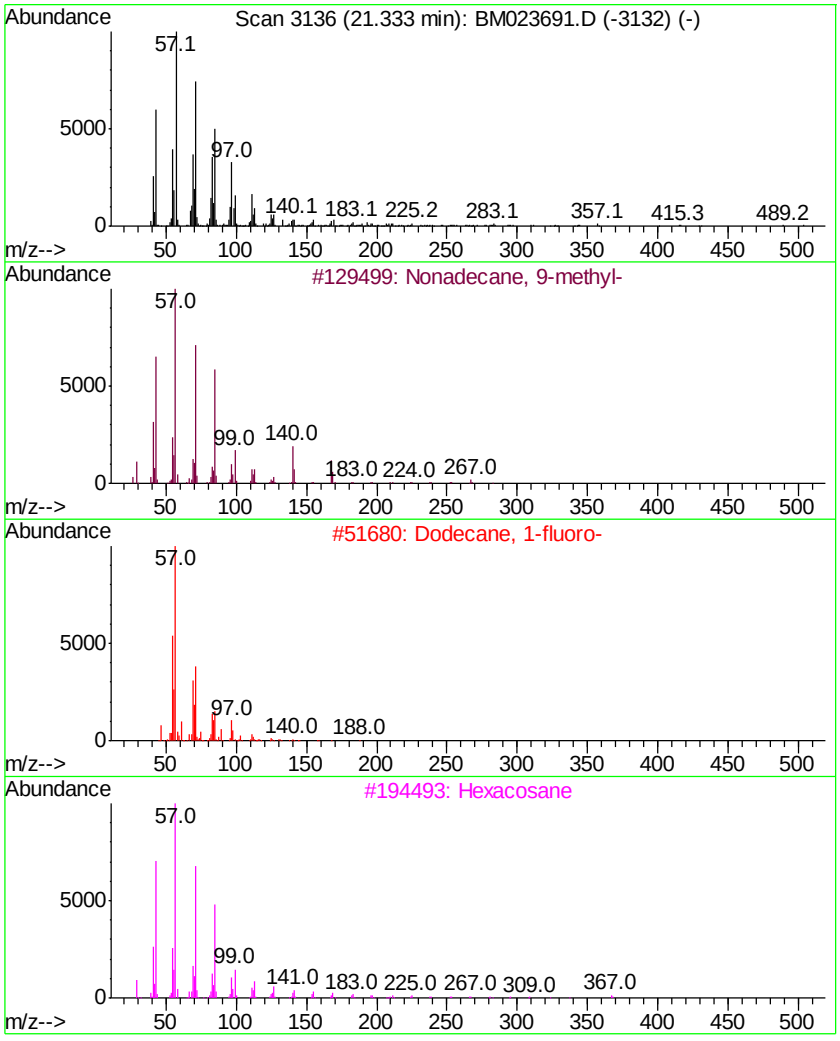
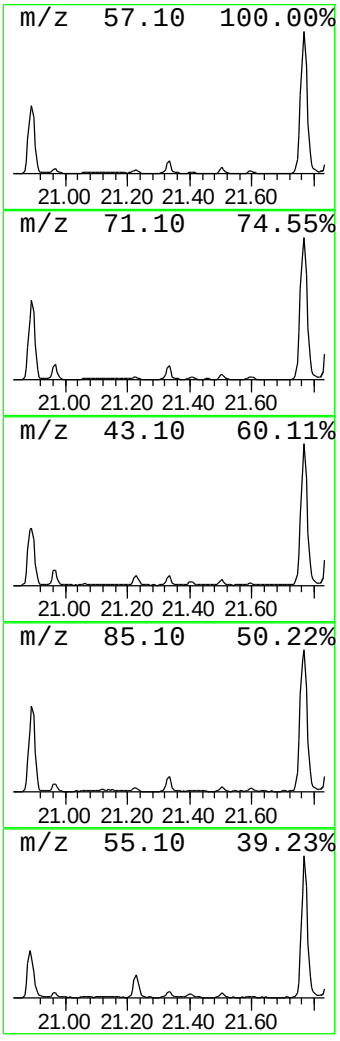
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.43 ng/ul	721533	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	89
2	Dodecane, 1-fluoro-	188	C12H25F	000334-68-9	74
3	Hexacosane	366	C26H54	000630-01-3	74
4	1-Heptadecene	238	C17H34	006765-39-5	70
5	Nonadecane	268	C19H40	000629-92-5	70





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Quant Title : SVOA CALIBRATION

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

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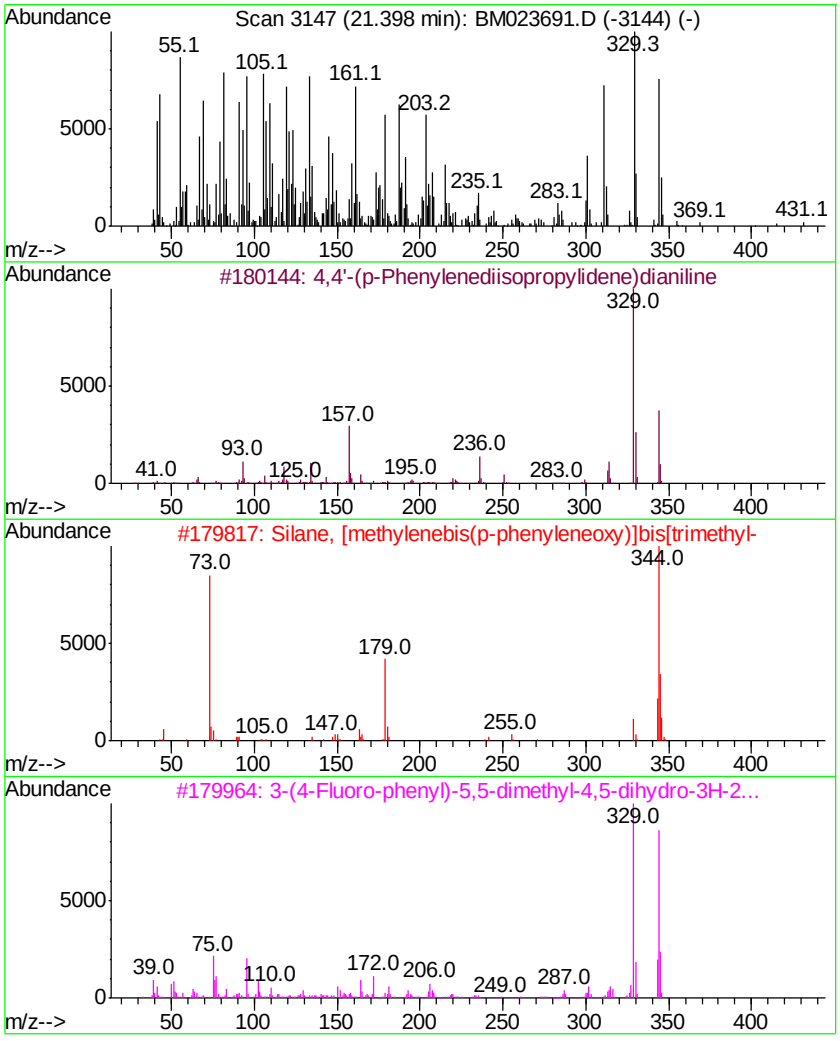
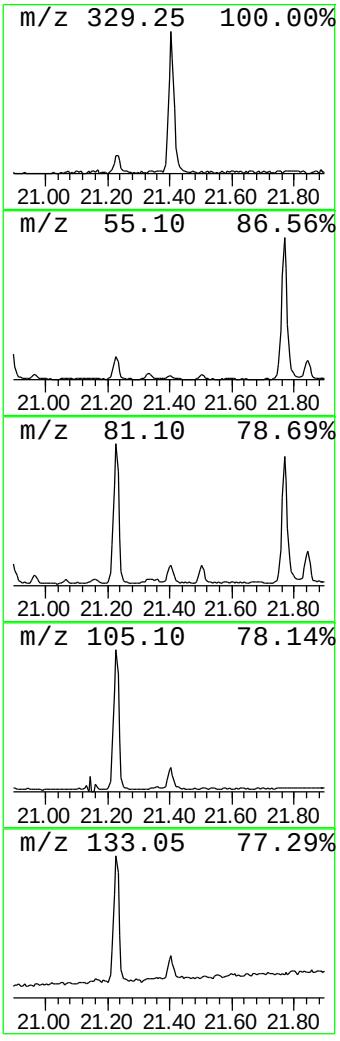
Peak Number 10 unknown-03 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	4.07 ng/ul	1206650	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-(p-Phenylenediisopropyliden...	344	C24H28N2	002716-10-1	38
2	Silane, [methylenebis(p-phenylen...	344	C19H28O2Si2	018641-44-6	35
3	3-(4-Fluoro-phenyl)-5,5-dimethyl...	344	C21H17FN4	1000300-25-0	30
4	5,7-Dihydroxy-3,6,8-trimethoxyfl...	344	C18H16O7	071479-92-0	30
5	2-Methoxy-estradiol-17.beta.-17-...	344	C21H28O4	052717-98-3	25





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Quant Title : SVOA CALIBRATION

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

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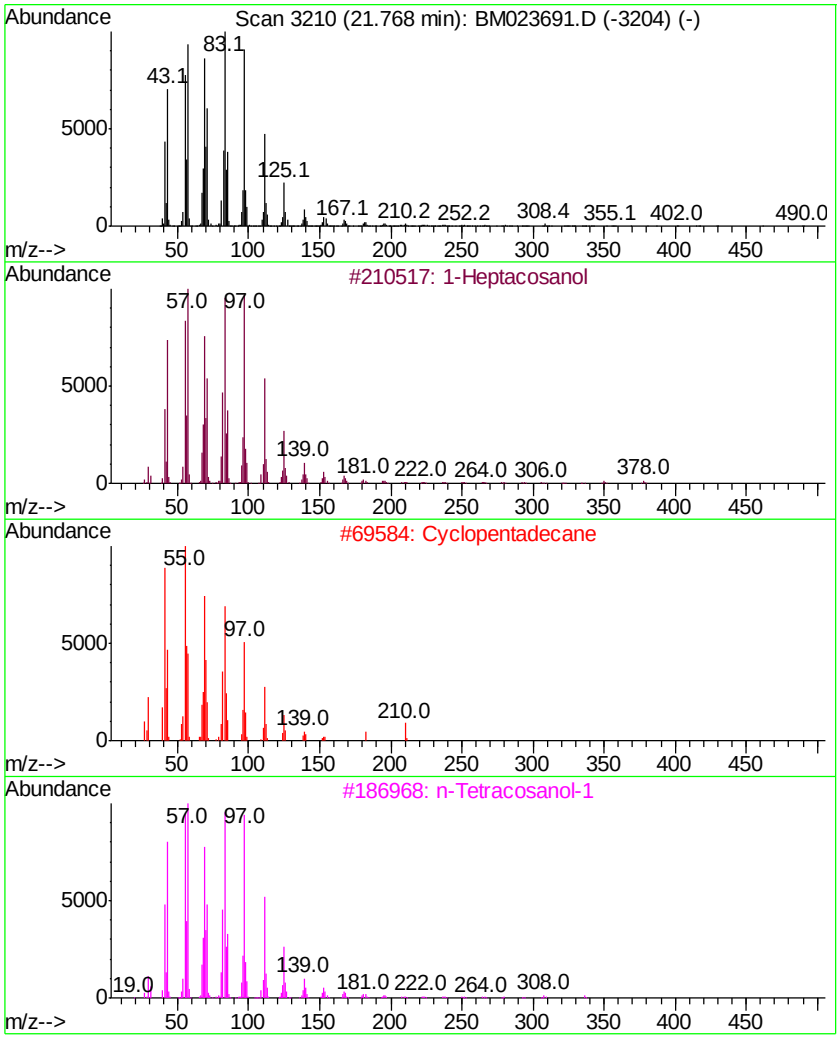
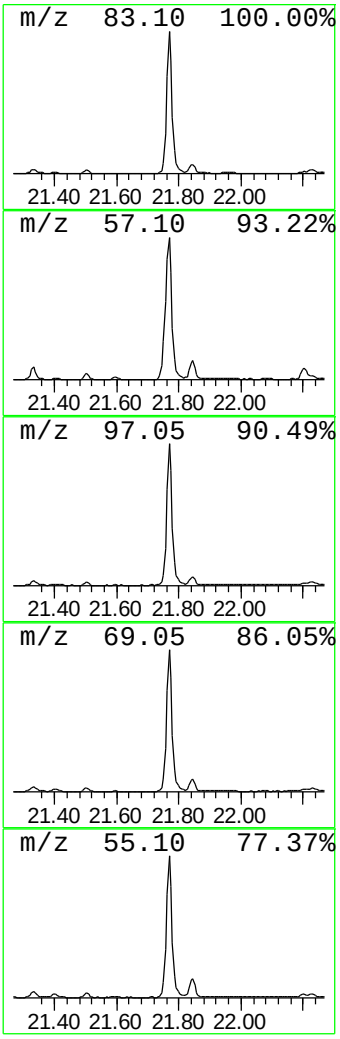
Peak Number 11 1-Heptacosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	53.53 ng/ul	15889800	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
5	E-14-Hexadecenal	238	C16H30O	330207-53-9	93





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Instrument : BNA_M
ClientSampleId : JLNA5

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Quant Title : SVOA CALIBRATION

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

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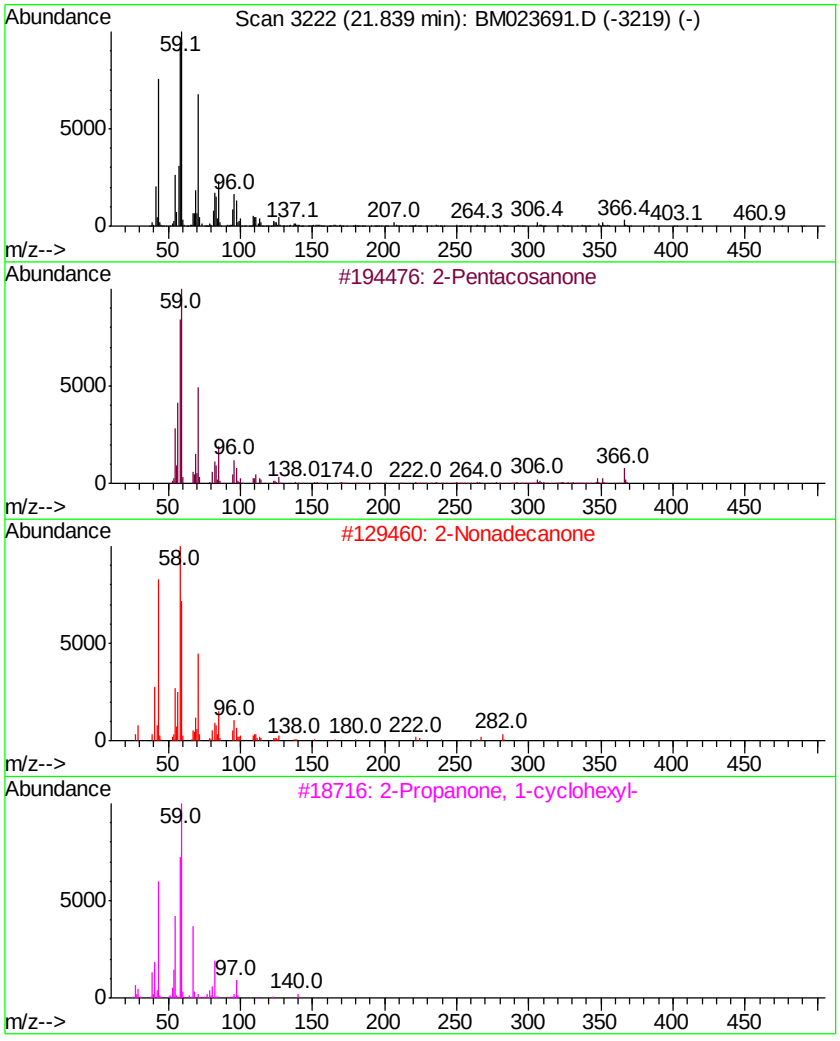
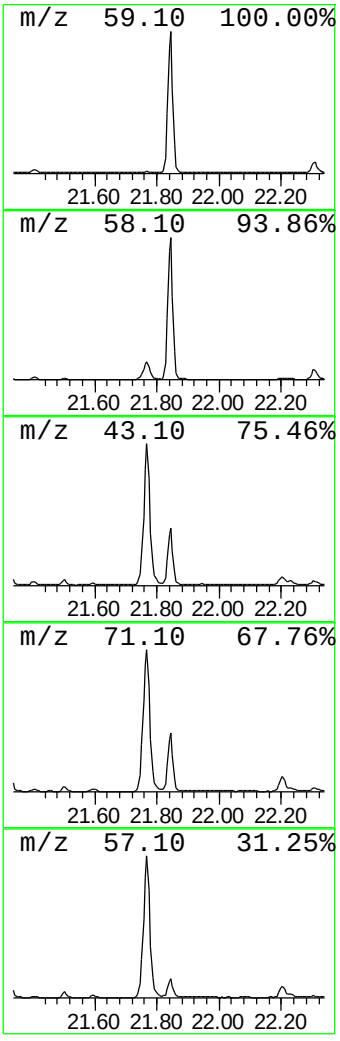
Peak Number 12 2-Pentadecanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.84	10.32 ng/ul	3062920	Chrysene-d12	21.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	70
2	2-Nonadecanone	282	C19H38O	000629-66-3	64
3	2-Propanone, 1-cyclohexyl-	140	C9H16O	000103-78-6	50
4	2-Pentadecanone	226	C15H30O	002345-28-0	50
5	9-Decen-2-one	154	C10H18O	035194-30-0	47





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Quant Title : SVOA CALIBRATION

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

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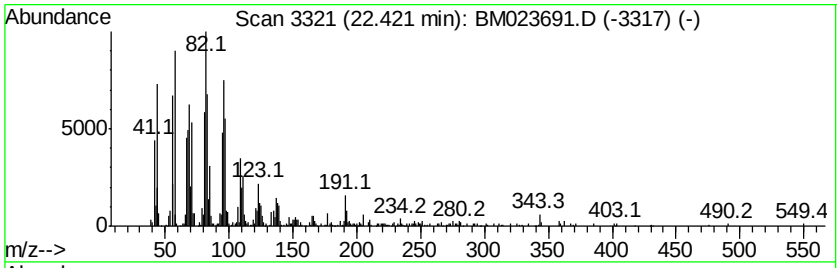
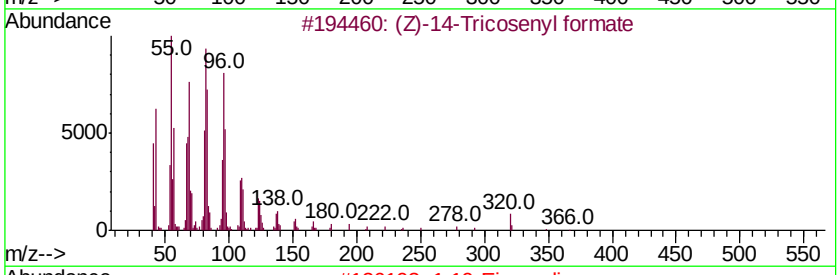
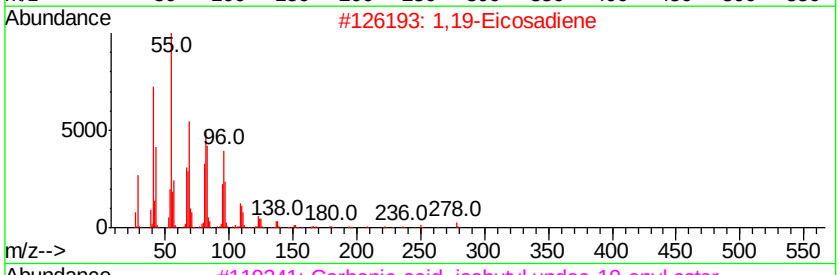
Peak Number 13 (Z)-14-Tricosenyl formate Concentration Rank 15

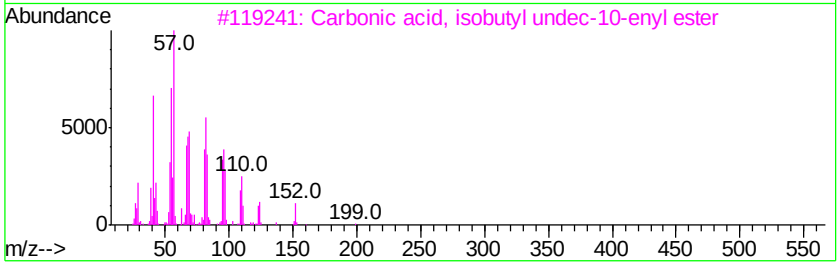
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	3.58 ng/ul	954237	Perylene-d12	23.31

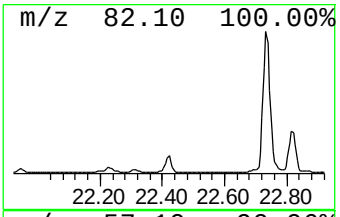
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	70
2	1,19-Eicosadiene	278	C20H38	014811-95-1	70
3	Carbonic acid, isobutyl undec-10...	270	C16H30O3	1000314-60-8	64
4	Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	58
5	17-Pentatriacontene	491	C35H70	006971-40-0	55

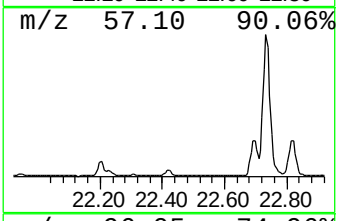


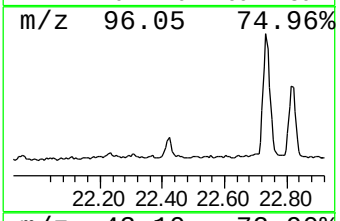


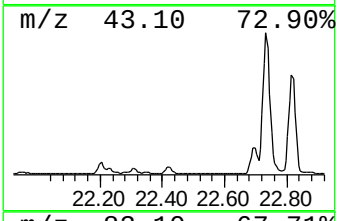


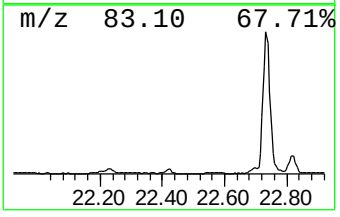












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Misc :
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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

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

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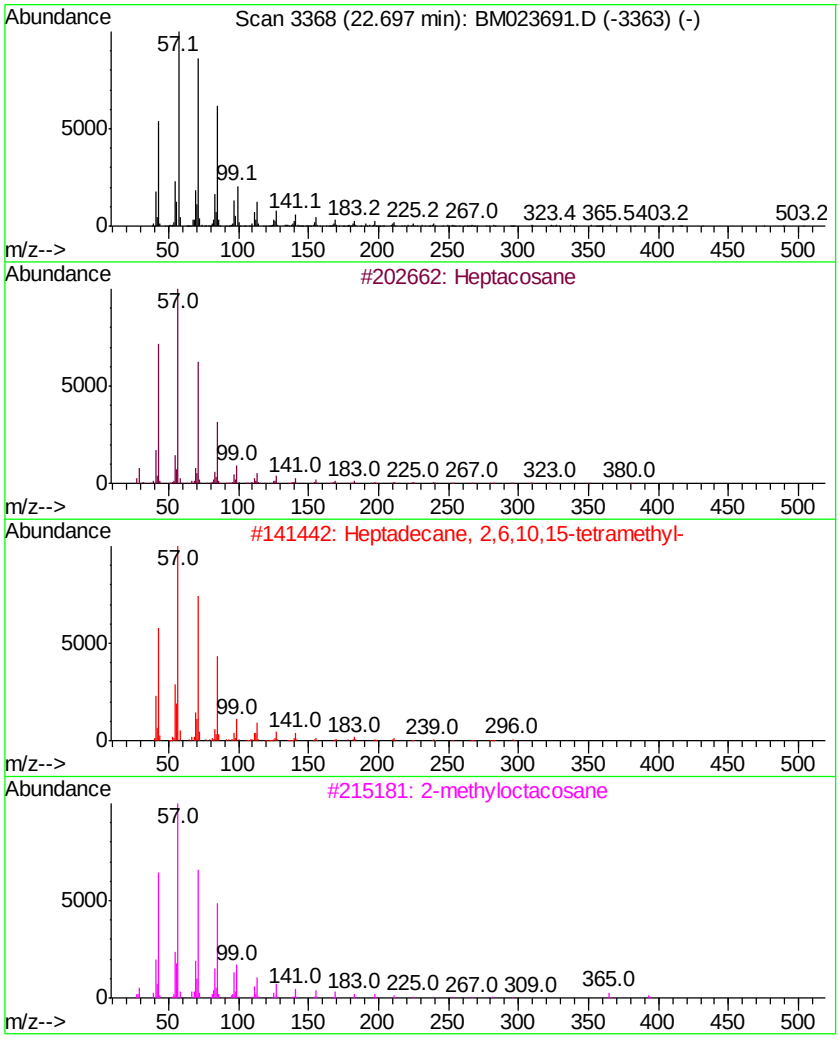
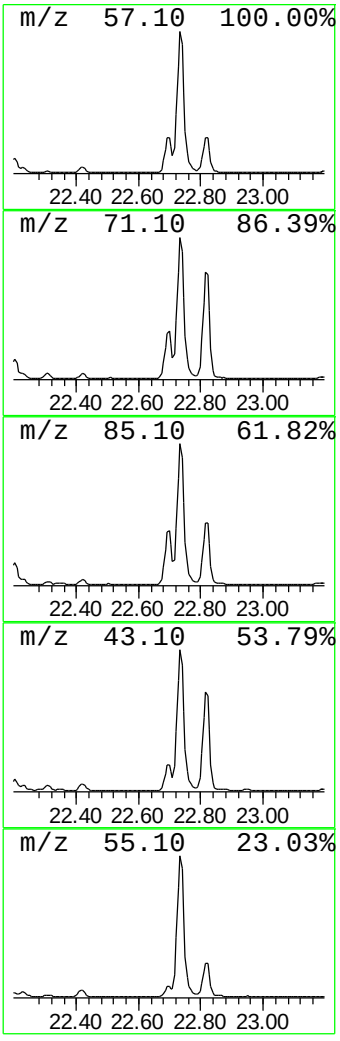
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	5.64 ng/ul	1503970	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heneicosane	296	C21H44	000629-94-7	90





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Quant Title : SVOA CALIBRATION

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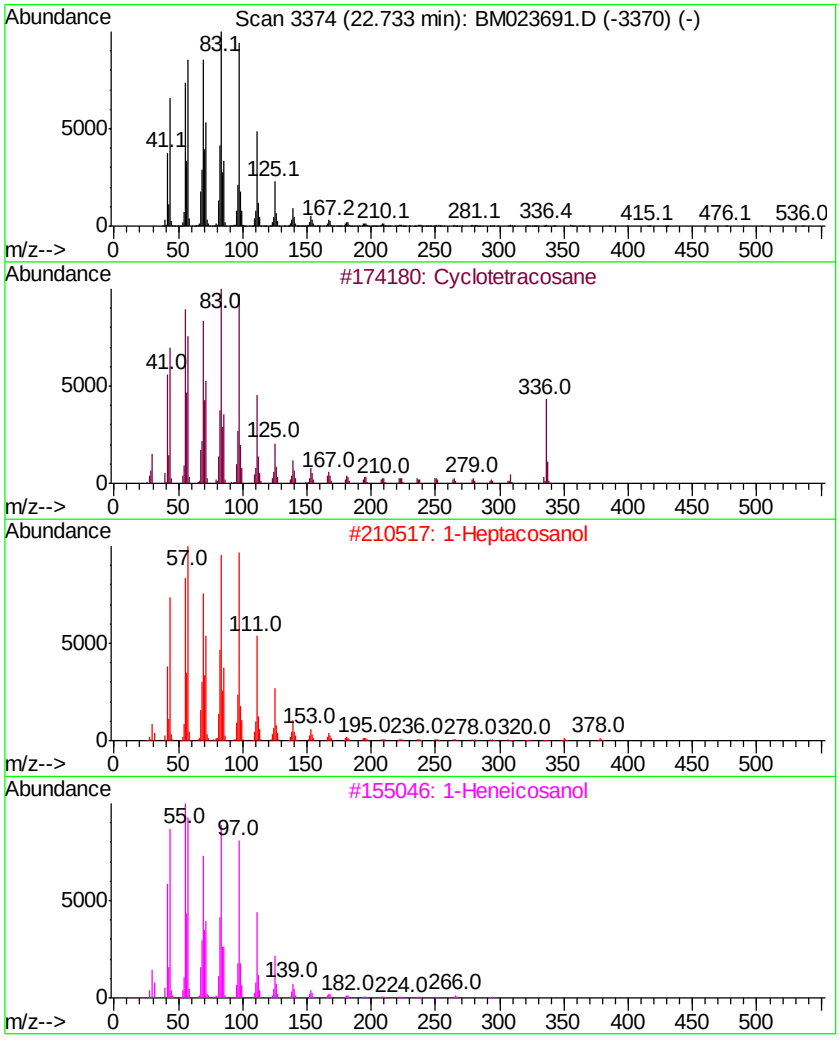
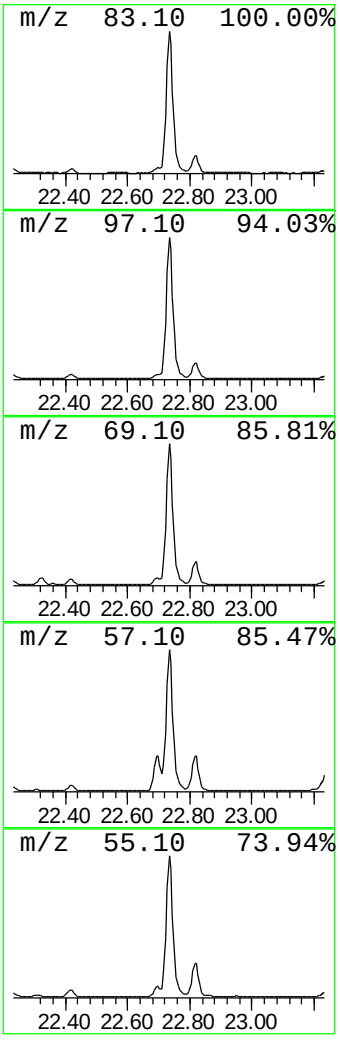
Peak Number 15 (DEL) Alkane: Cyclic22.73 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.73	49.96 ng/ul	13321300	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





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Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

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

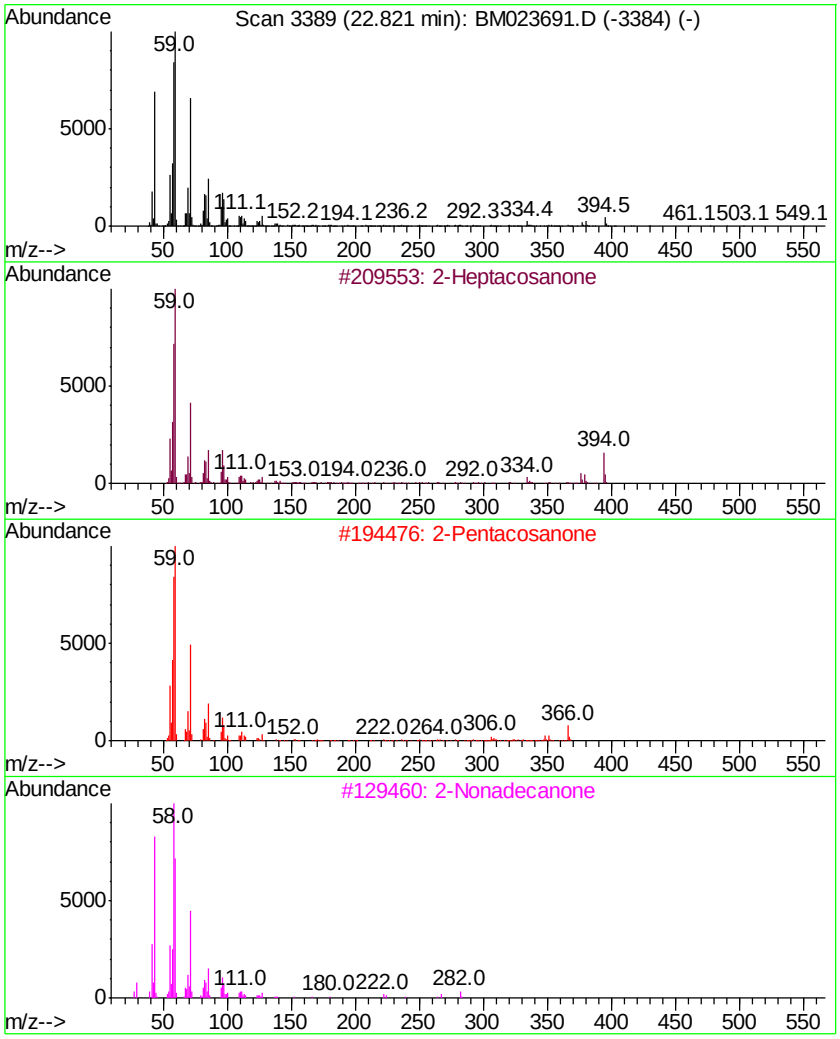
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

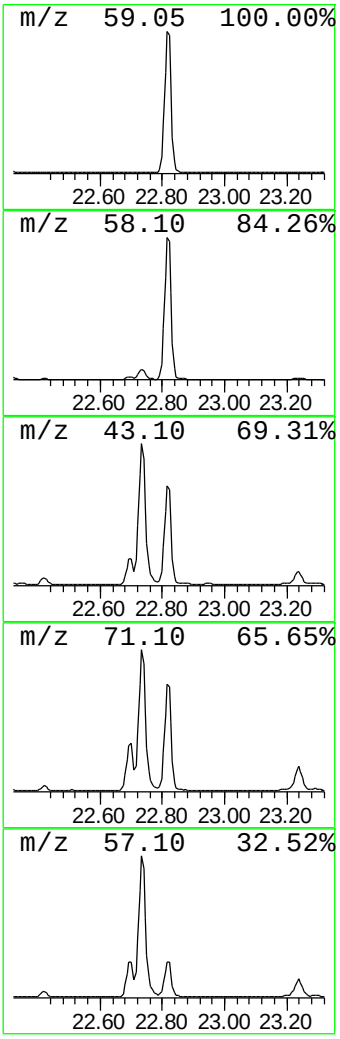
****

Peak Number 16 2-Heptacosanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	19.21 ng/ul	5123380	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2	91
2	2-Pentacosanone	366	C25H50O	075207-54-4	90
3	2-Nonadecanone	282	C19H38O	000629-66-3	81
4	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
5	2-Heptadecanone	254	C17H34O	002922-51-2	53





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Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNA5

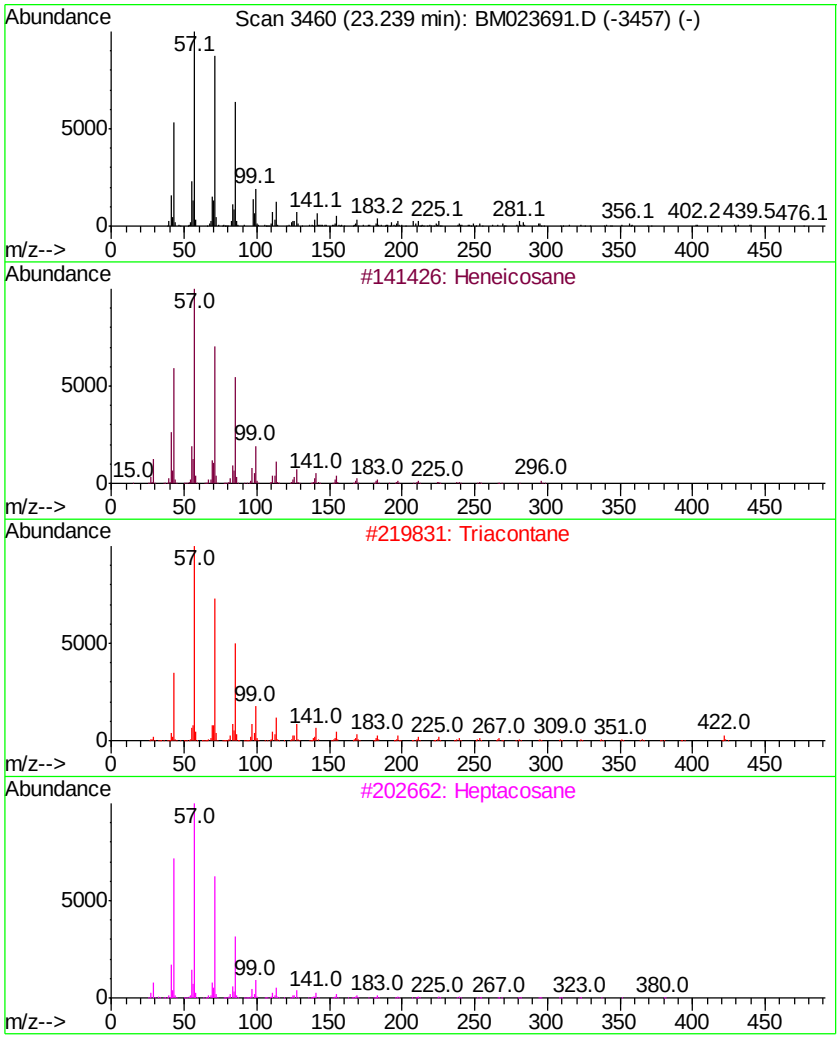
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

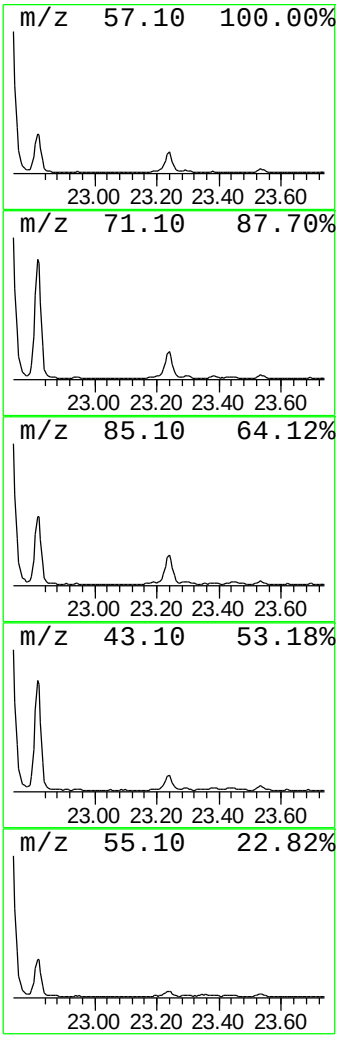
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	2.50 ng/ul	667532	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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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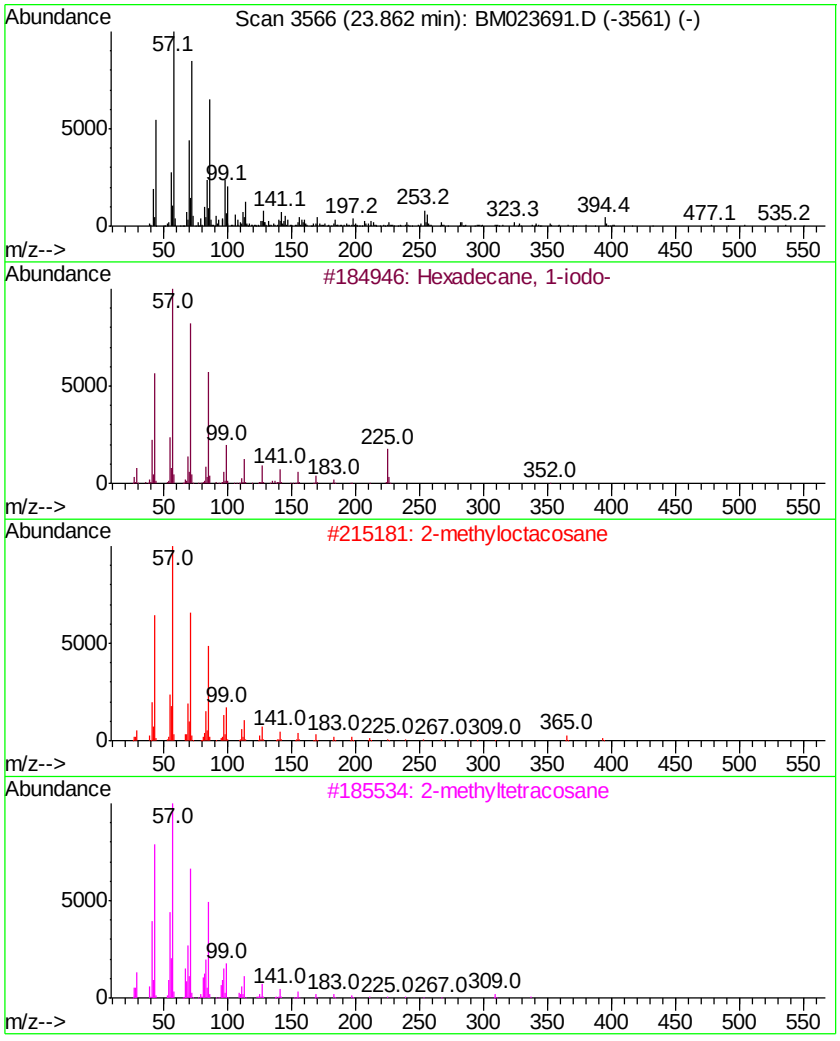
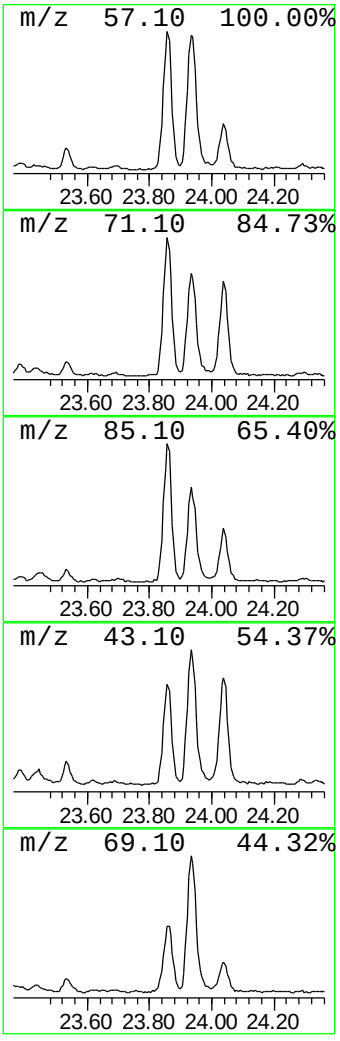
Peak Number 18 Hexadecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.86	5.80 ng/ul	1547220	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	96
2	2-methyloctacosane	408	C29H60	1000376-72-8	87
3	2-methyltetracosane	352	C25H52	1000376-72-6	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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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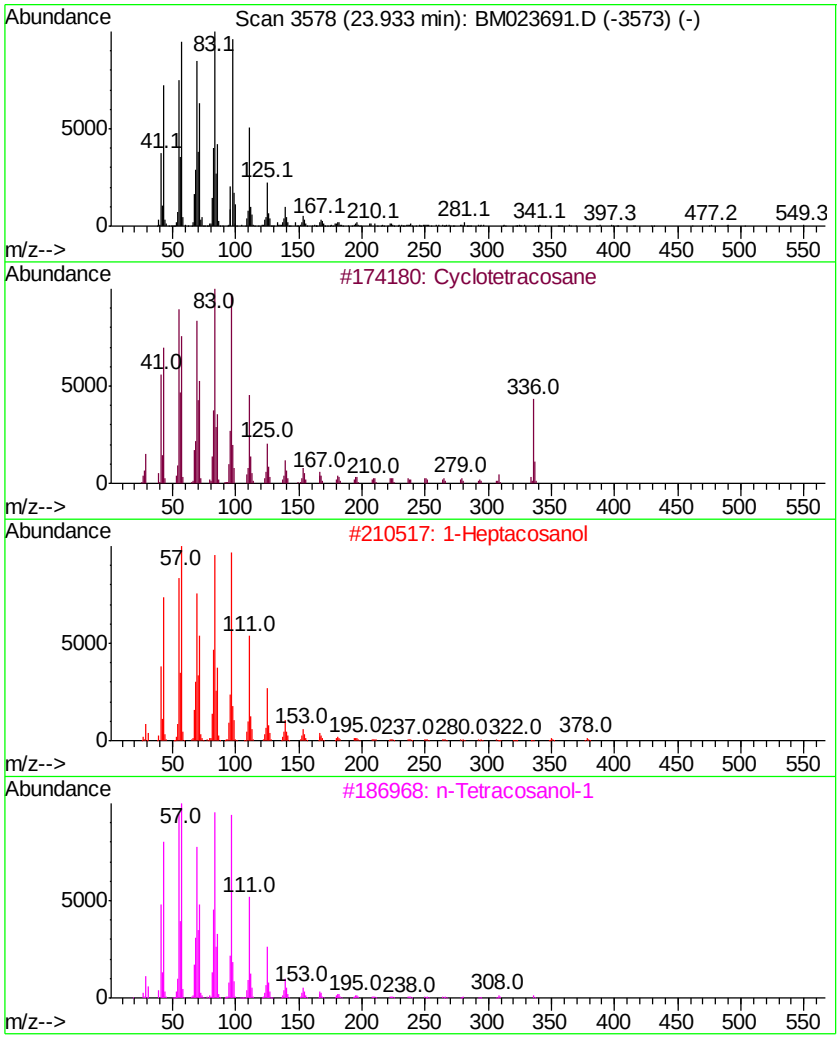
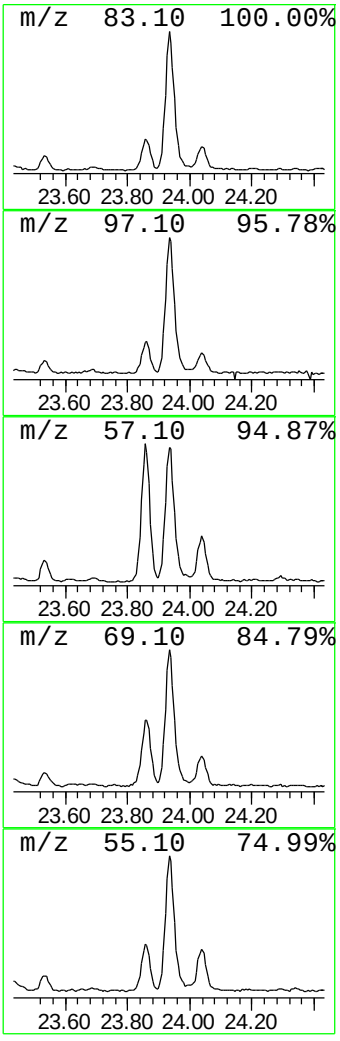
Peak Number 19 (DEL) Alkane: Cyclic23.93 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	9.59 ng/ul	2557850	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	Heptacosyl acetate	438	C29H58O2	1000351-78-2	90





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Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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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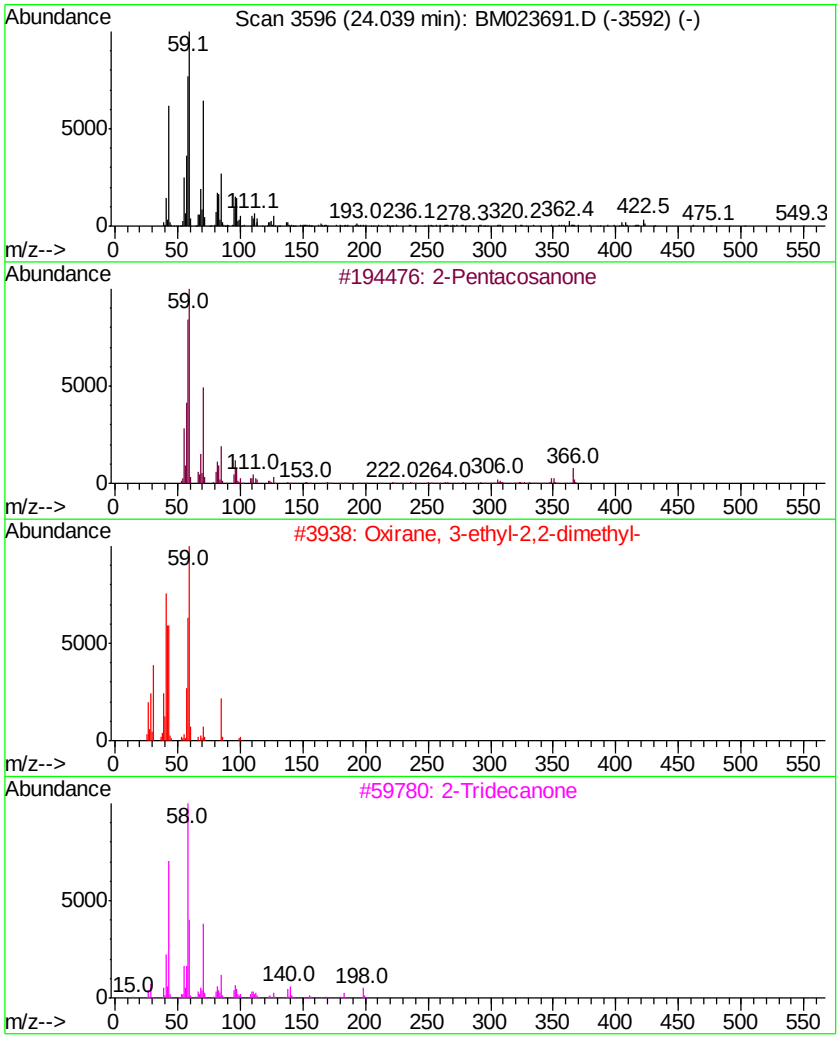
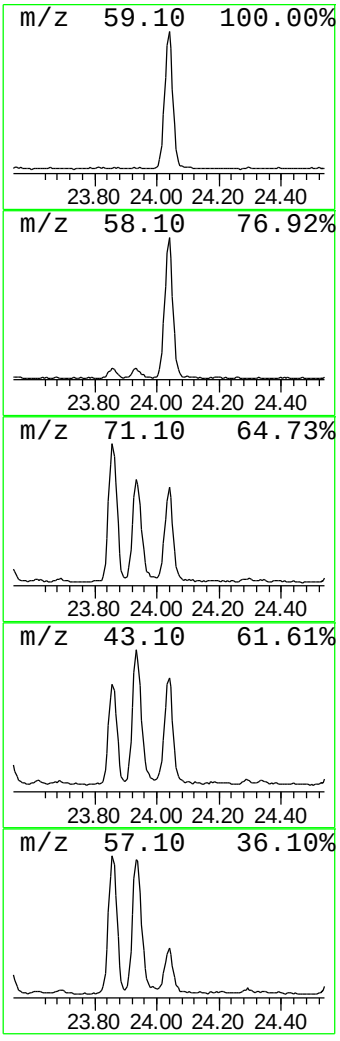
Peak Number 20 2-Tridecanone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	4.80 ng/ul	1279420	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentacosanone	366	C25H50O	075207-54-4	86
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	53
3	2-Tridecanone	198	C13H26O	000593-08-8	50
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	50
5	2-Nonadecanone	282	C19H38O	000629-66-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111319\
Data File : BM023691.D
Acq On : 13 Nov 2019 11:44
Operator : JU
Sample : K5565-06
Misc :
ALS Vial : 3 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
1,1'-Biphenyl, 2-...	15.38	2.7	ng/ul	794993	3	14.20	5908990	20.0
(DEL) Alkane: Str...	18.81	7.1	ng/ul	2453250	4	16.94	6890320	20.0
Benz[c]acridine	19.70	4.3	ng/ul	1289820	5	21.14	5936350	20.0
(DEL) Alkane: Str...	19.93	21.0	ng/ul	6223310	5	21.14	5936350	20.0
unknown-01	20.57	2.5	ng/ul	746593	5	21.14	5936350	20.0
(DEL) Alkane: Cyc...	20.89	20.2	ng/ul	5983260	5	21.14	5936350	20.0
2-Pentacosanone	20.97	2.5	ng/ul	726884	5	21.14	5936350	20.0
unknown-02	21.23	21.0	ng/ul	6220990	5	21.14	5936350	20.0
(DEL) Alkane: Str...	21.33	2.4	ng/ul	721533	5	21.14	5936350	20.0
unknown-03	21.40	4.1	ng/ul	1206650	5	21.14	5936350	20.0
1-Heptacosanol	21.77	53.5	ng/ul	15889800	5	21.14	5936350	20.0
2-Pentadecanone	21.84	10.3	ng/ul	3062920	5	21.14	5936350	20.0
(Z)-14-Tricosenyl...	22.42	3.6	ng/ul	954237	6	23.31	5333030	20.0
(DEL) Alkane: Str...	22.70	5.6	ng/ul	1503970	6	23.31	5333030	20.0
(DEL) Alkane: Cyc...	22.73	50.0	ng/ul	13321300	6	23.31	5333030	20.0
2-Heptacosanone	22.82	19.2	ng/ul	5123380	6	23.31	5333030	20.0
(DEL) Alkane: Str...	23.24	2.5	ng/ul	667532	6	23.31	5333030	20.0
Hexadecane, 1-iodo-	23.86	5.8	ng/ul	1547220	6	23.31	5333030	20.0
(DEL) Alkane: Cyc...	23.93	9.6	ng/ul	2557850	6	23.31	5333030	20.0
2-Tridecanone	24.04	4.8	ng/ul	1279420	6	23.31	5333030	20.0