LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

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-BM102319MA.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	6.157	536	539	544	rVB2	81177	117466	0.80%	0.075%
2	6.316	561	566	572	rVB	290262	454573	3.08%	0.291%
3	6.610	611	616	628	rVB	398220	656198	4.44%	0.421%
4	6.793	641	647	659	rVB	1193226	2072894	14.03%	1.329%
5	6.951	668	674	686	rVB	973434	1592717	10.78%	1.021%
6	7.057	687	692	701	rVV	652918	1001840	6.78%	0.642%
7	7.145	701	707	720	rVB	1317942	2091798	14.16%	1.341%
8	7.610	779	786	796	rVB	1707418	2739954	18.54%	1.756%
9	7.839	820	825	829	rBV2	48494	85383	0.58%	0.055%
10	7.892	829	834	843	rVB	171180	294172	1.99%	0.189%
11	8.322	897	907	920	rVB	1194226	2029731	13.74%	1.301%
12	8.757	974	981	994	rVB	1216505	2052441	13.89%	1.316%
13	9.222	1057	1060	1063	rVB2	19431	24388	0.17%	0.016%
14	9.475	1096	1103	1111	rBV	982822	1636088	11.07%	1.049%
15	9.810	1155	1160	1169	rVB2	75288	131232	0.89%	0.084%
16	10.016	1188	1195	1206	rVV	1468991	2523573	17.08%	1.618%
17	10.169	1216	1221	1229	rBV	52519	102799	0.70%	0.066%
18	10.386	1250	1258	1265	rBV	2377219	3942987	26.69%	2.527%
19	10.457	1266	1270	1274	rVV7	23224	36095	0.24%	0.023%
20	10.528	1274	1282	1299	rVV	741462	1443943	9.77%	0.926%
21	10.816	1327	1331	1334	rBV4	14827	23201	0.16%	0.015%
22	11.769	1487	1493	1499	rVV	189359	297037	2.01%	0.190%
23	11.986	1523	1530	1535	rBV2	31389	54419	0.37%	0.035%
24	12.098	1545	1549	1555	rVB6	15166	28052	0.19%	0.018%
25	12.627	1630	1639	1646	rBV7	53175	93369	0.63%	0.060%
26	12.704	1648	1652	1658	rVV6	15461	28593	0.19%	0.018%
27	13.027	1701	1707	1713	rBV4	62168	103684	0.70%	0.066%
28	13.145	1723	1727	1730	rBV5	26596	39450	0.27%	0.025%
29	13.180	1730	1733	1738	rVB4	19969	27597	0.19%	0.018%
30	13.298	1748	1753	1758	rBV9	12828	23497	0.16%	0.015%
31	13.545	1789	1795	1796	rBV5	16784	27636	0.19%	0.018%
32	13.586	1796	1802	1809	rVB8	57782	110430	0.75%	0.071%
33	13.674	1811	1817	1821	rBV	2673217	3675595	24.88%	2.356%
34	13.721	1821	1825	1832	rVB	1070698	1461863	9.89%	0.937%

LSC Area Percent Report

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Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

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-BM102319MA.M
Title : SVOA CALIBRATION

35	13.945	1856	1863	1876	rBV2	3104023	4774818	32.32%	3.061%
36	14.116	1888	1892	1897	rVB7	31559	47882	0.32%	0.031%
37	14.186	1901	1904	1907	rVB3	20136	24881	0.17%	0.016%
38	14.257	1908	1916	1925	rBV	3480263	5186910	35.11%	3.325%
39	14.351	1925	1932	1937	rBV2	182657	329654	2.23%	0.211%
40	14.474	1947	1953	1959	rBV	600899	1013090	6.86%	0.649%
41	14.551	1959	1966	1970	rVV4	245942	578972	3.92%	0.371%
42	14.616	1970	1977	1985	rVB5	74679	213006	1.44%	0.137%
43	14.686	1985	1989	1995	rBV4	102008	191427	1.30%	0.123%
44	15.086	2053	2057	2061	rBV4	15870	24151	0.16%	0.015%
45	15.145	2061	2067	2068	rBV5	22123	29908	0.20%	0.019%
46	15.257	2079	2086	2095	rBV	3922646	5695711	38.55%	3.651%
47	15.380	2101	2107	2118	rBV	738376	1135491	7.69%	0.728%
48	15.498	2122	2127	2129	rBV2	46010	66962	0.45%	0.043%
49	15.615	2138	2147	2155	rVB6	111630	231246	1.57%	0.148%
50	15.710	2158	2163	2167	rVV	93038	145024	0.98%	0.093%
51	15.745	2167	2169	2176	rVB5	54141	80195	0.54%	0.051%
52	15.898	2191	2195	2201	rVB7	16354	31514	0.21%	0.020%
53	15.957	2201	2205	2209	rBV7	14510	21845	0.15%	0.014%
54	16.010	2209	2214	2216	rBV4	27455	39604	0.27%	0.025%
55	16.157	2233	2239	2248	rVV5	48523	114122	0.77%	0.073%
56	16.368	2270	2275	2279	rBV	111577	142695	0.97%	0.091%
57	16.427	2279	2285	2289	rBV8	34272	62091	0.42%	0.040%
58	16.533	2296	2303	2310	rBV8	29031	60435	0.41%	0.039%
59	16.745	2335	2339	2343	rBV2	38681	63441	0.43%	0.041%
60	16.792	2343	2347	2351	rVV3	47769	77905	0.53%	0.050%
61	16.927	2367	2370	2375	rBV5	67600	100335	0.68%	0.064%
62	17.004	2377	2383	2389	rVV	4141081	5956080	40.31%	3.818%
63	17.057	2389	2392	2394	rVV3	79070	103222	0.70%	0.066%
64	17.104	2394	2400	2409	rVB	4239596	5900208	39.93%	3.782%
65	17.204	2415	2417	2423	rVB7	28368	39420	0.27%	0.025%
66	17.421	2450	2454	2462	rVB10	36385	67195	0.45%	0.043%
67	17.545	2470	2475	2485	rBV2	45157	89358	0.60%	0.057%
68	17.715	2498	2504	2509	rVB	240025	349851	2.37%	0.224%
69	17.804	2514	2519	2524	rBV5	75162	124687	0.84%	0.080%
70	17.862	2527	2529	2534	rVB6	23626	30444	0.21%	0.020%
71	17.927	2535	2540	2547	rBV	651765	1030650	6.98%	0.661%

LSC Area Percent Report

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Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

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-BM102319MA.M
Title : SVOA CALIBRATION

72	17.992	2548	2551	2555	rVB	105124	144439	0.98%	0.093%
73	18.227	2588	2591	2596	rBV6	64683	94769	0.64%	0.061%
74	18.298	2599	2603	2605	rVB2	59025	73709	0.50%	0.047%
75	18.374	2610	2616	2623	rBV5	238140	422167	2.86%	0.271%
76	19.039	2726	2729	2731	rBV	47191	63566	0.43%	0.041%
77	19.215	2755	2759	2767	rBV3	199958	356679	2.41%	0.229%
78	19.403	2786	2791	2797	rBV	5104653	6835003	46.26%	4.381%
79	19.956	2882	2885	2888	rBV3	140288	180236	1.22%	0.116%
80	19.986	2888	2890	2894	rVB	170094	181874	1.23%	0.117%
81	20.356	2949	2953	2956	rBV	312053	388909	2.63%	0.249%
82	20.915	3045	3048	3050	rBV	518067	561582	3.80%	0.360%
83	20.945	3050	3053	3060	rVB	2473200	2988462	20.23%	1.916%
84	21.139	3083	3086	3091	rVB	1196672	1272300	8.61%	0.816%
85	21.203	3092	3097	3102	rBV	5051164	6462547	43.74%	4.143%
86	21.386	3125	3128	3131	rBV	617422	630442	4.27%	0.404%
87	21.815	3197	3201	3214	rBV2	3640626	7249082	49.06%	4.647%
88	22.268	3275	3278	3282	rVB	1033978	1196692	8.10%	0.767%
89	22.391	3295	3299	3309	rVB	1447103	1975154	13.37%	1.266%
90	22.491	3313	3316	3323	rVB	597825	793259	5.37%	0.508%
91	22.768	3358	3363	3367	rBV	3449774	5004933	33.87%	3.208%
92	22.815	3367	3371	3380	rVB	2483522	4224433	28.59%	2.708%
93	23.256	3440	3446	3452	rBV	3933024	6916169	46.81%	4.433%
94	23.321	3454	3457	3462	rVV	1010443	1482372	10.03%	0.950%
95	23.391	3464	3469	3478	rVB	4028828	7442644	50.37%	4.771%
96	23.627	3504	3509	3518	rVB	1474724	2614773	17.70%	1.676%
97	23.956	3560	3565	3572	rVB	2131511	3877547	26.24%	2.486%
98	24.038	3573	3579	3591	rBV	4272912	9857293	66.71%	6.319%
99	25.685	3855	3859	3868	rVB3	1112894	2739722	18.54%	1.756%
100	26.397	3972	3980	3996	rVB2	4503721	14775326	100.00%	9.471%

Sum of corrected areas: 156005208

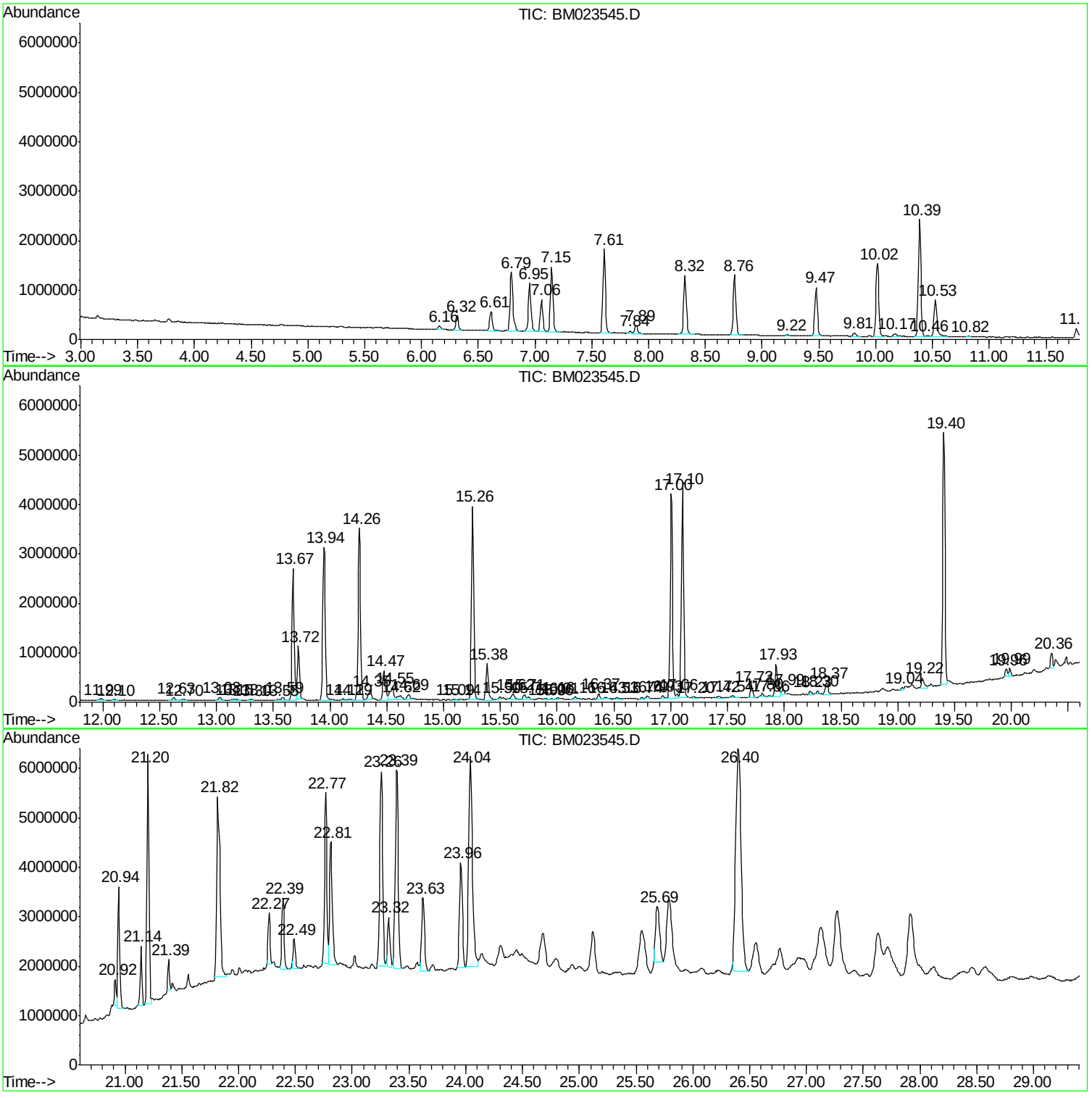
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

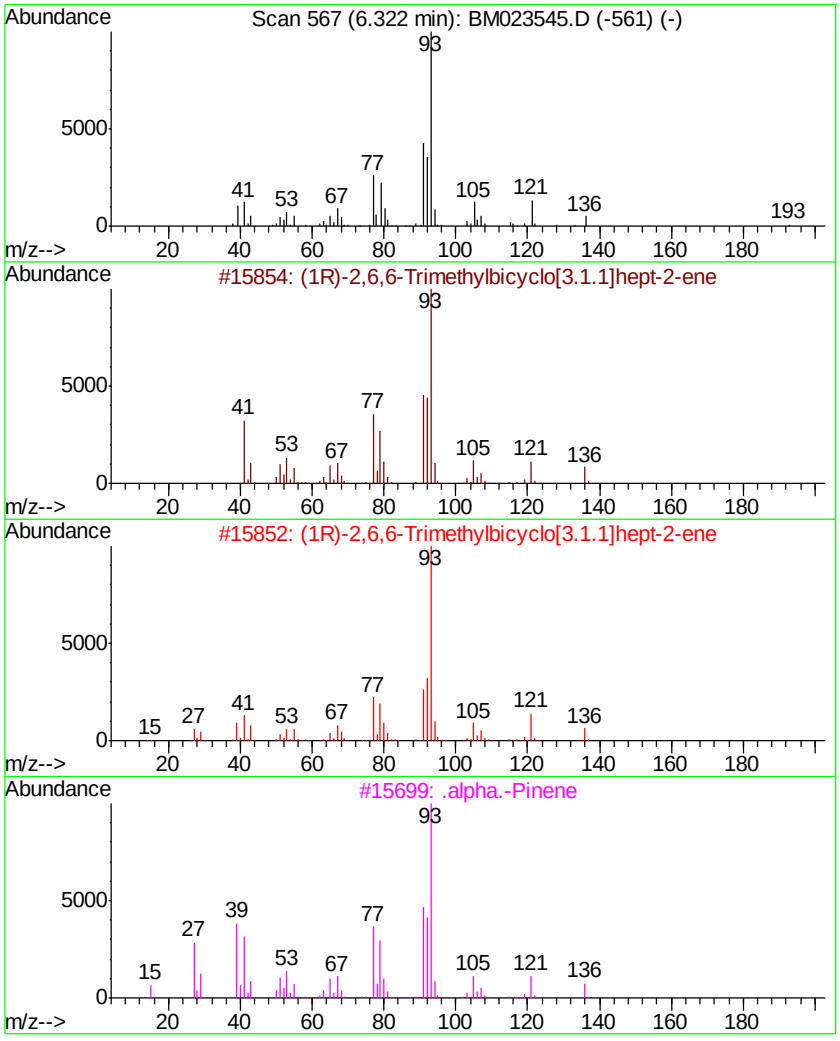
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

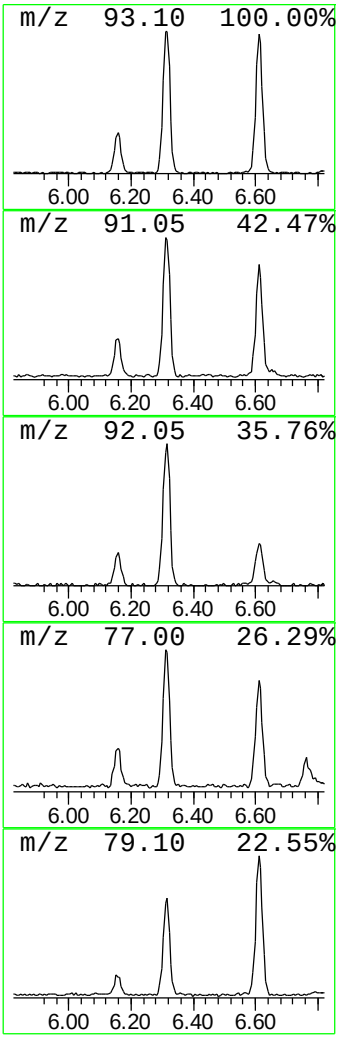
****

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	3.32 ng/ul	454573	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	95
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
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Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

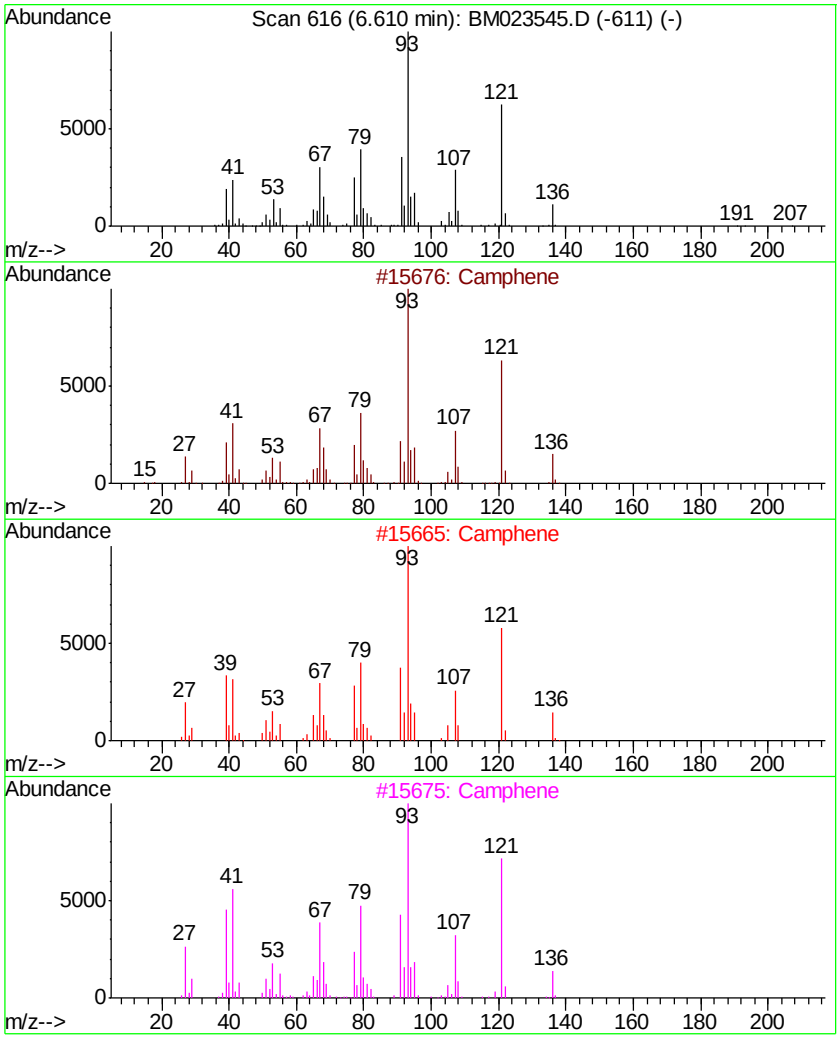
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

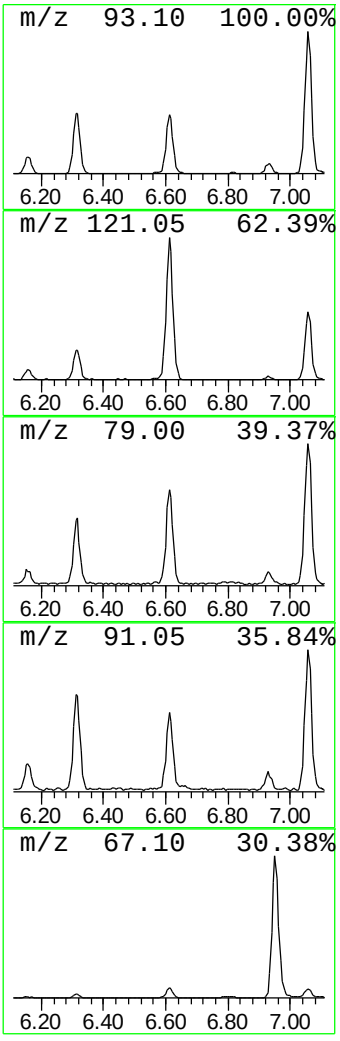
****

Peak Number 2 Camphene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	4.79 ng/ul	656198	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphene	136	C10H16	000079-92-5	97
2	Camphene	136	C10H16	000079-92-5	97
3	Camphene	136	C10H16	000079-92-5	94
4	1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	91
5	Camphene	136	C10H16	000079-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
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Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

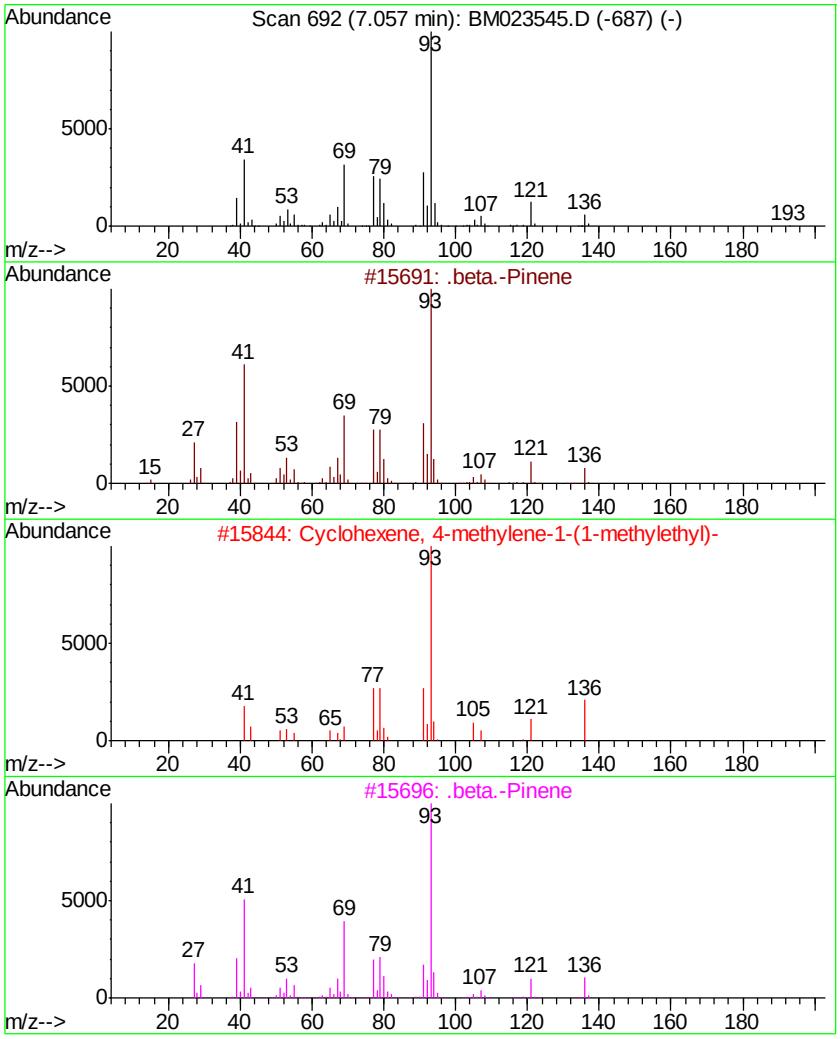
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

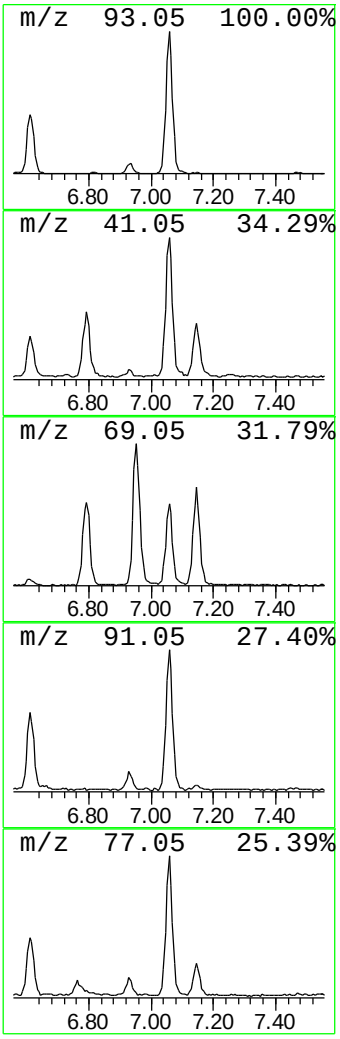
****

Peak Number 3 .beta.-Pinene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	7.31 ng/ul	1001840	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	93
2	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

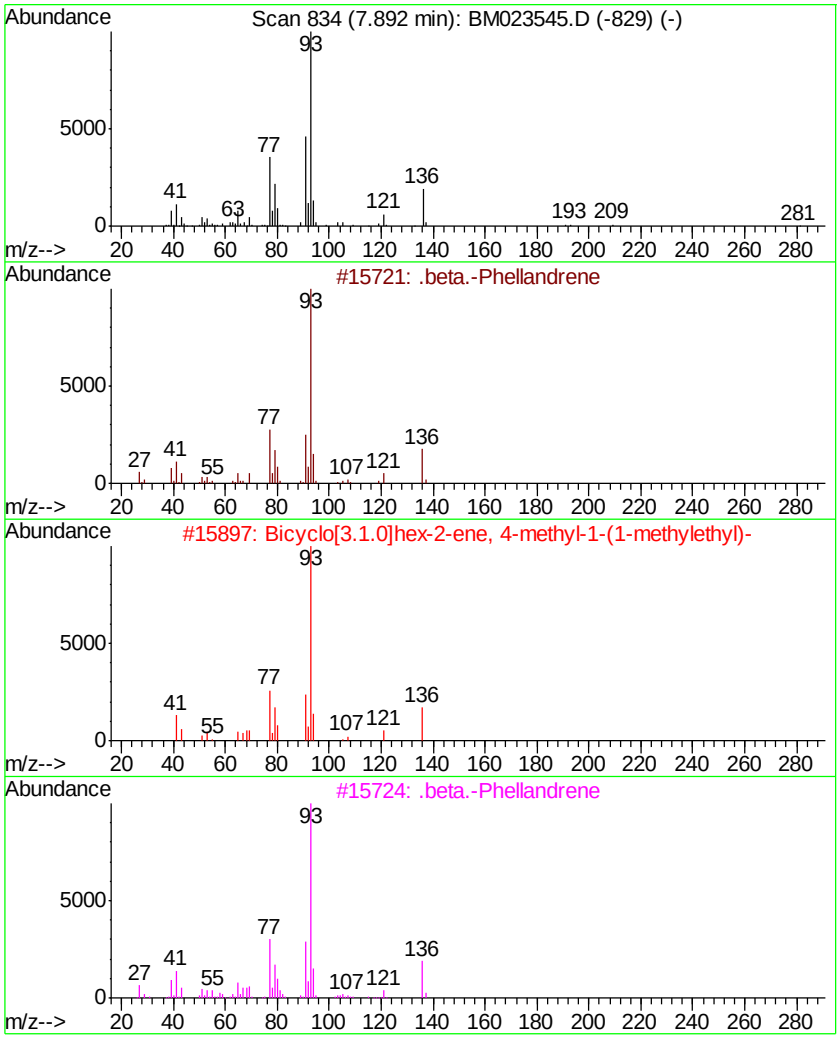
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

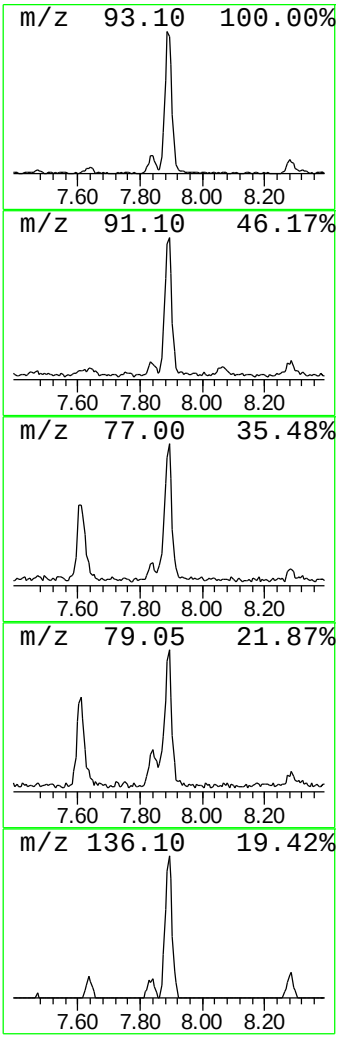
****

Peak Number 4 .beta.-Phellandrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	2.15 ng/ul	294172	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Phellandrene	136	C10H16	000555-10-2	91
2	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	91
3	.beta.-Phellandrene	136	C10H16	000555-10-2	87
4	.beta.-Phellandrene	136	C10H16	000555-10-2	78
5	.alpha.-Phellandrene	136	C10H16	000099-83-2	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

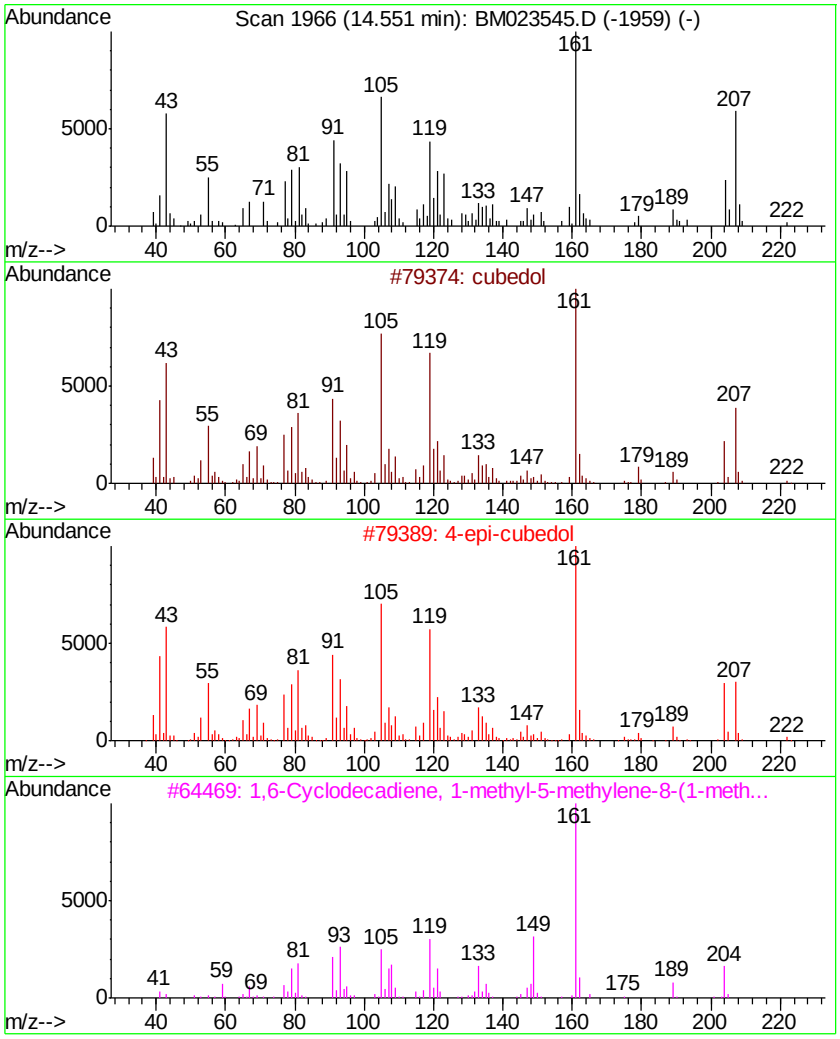
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

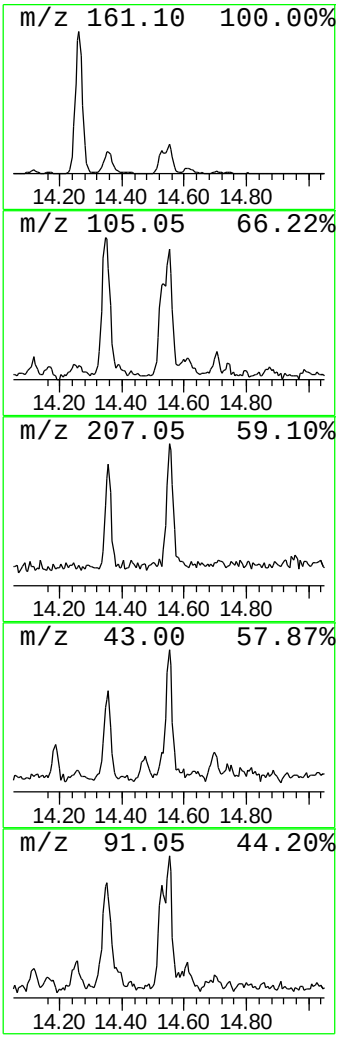
****

Peak Number 5 cubedol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.23 ng/ul	578972	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cubedol	222	C15H26O	1000374-15-9	94
2	4-epi-cubedol	222	C15H26O	1000374-16-0	89
3	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	53
4	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	52
5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	50





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Operator : JU
Sample : K5433-13
Misc :
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Instrument : BNA_M
ClientSampleId : JLNF9

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Quant Title : SVOA CALIBRATION

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

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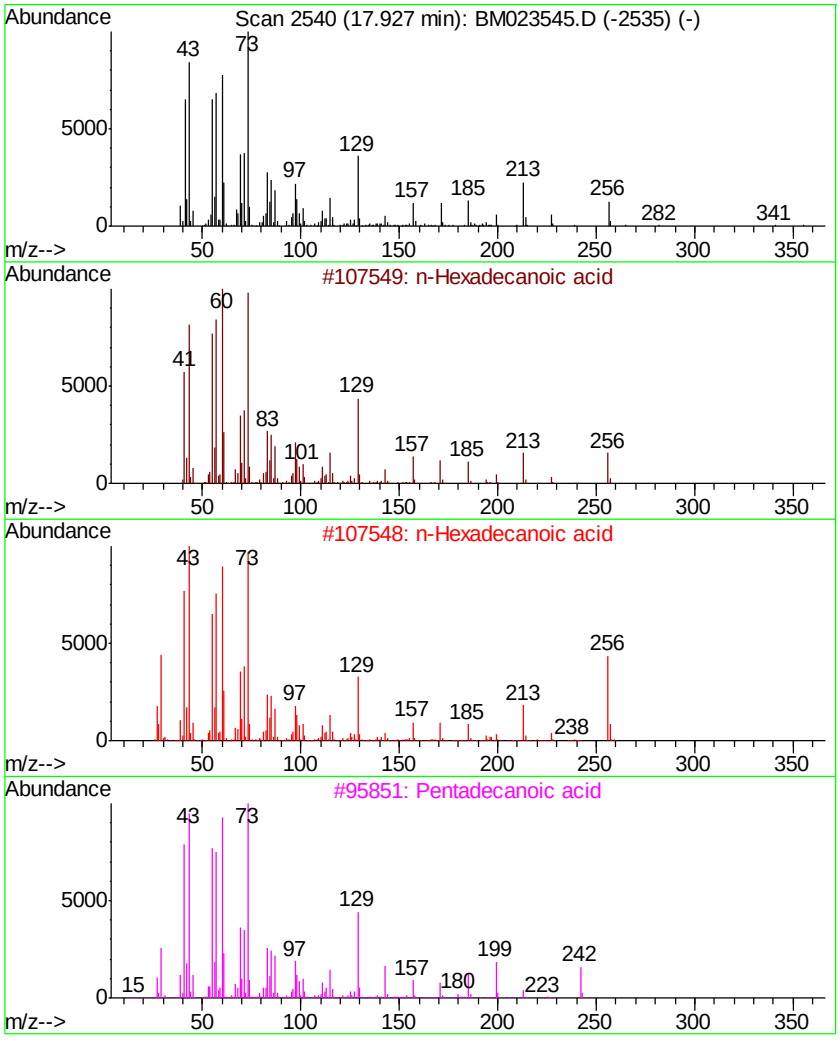
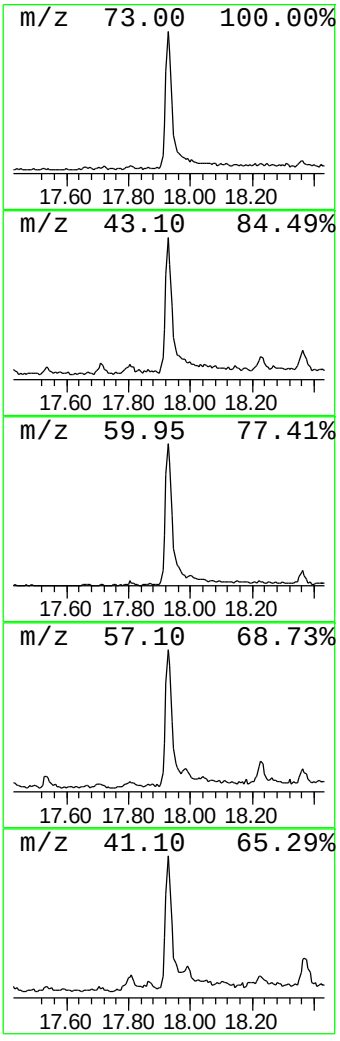
Peak Number 6 n-Hexadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.46 ng/ul	1030650	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Instrument : BNA_M
ClientSampleId : JLNF9

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Quant Title : SVOA CALIBRATION

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

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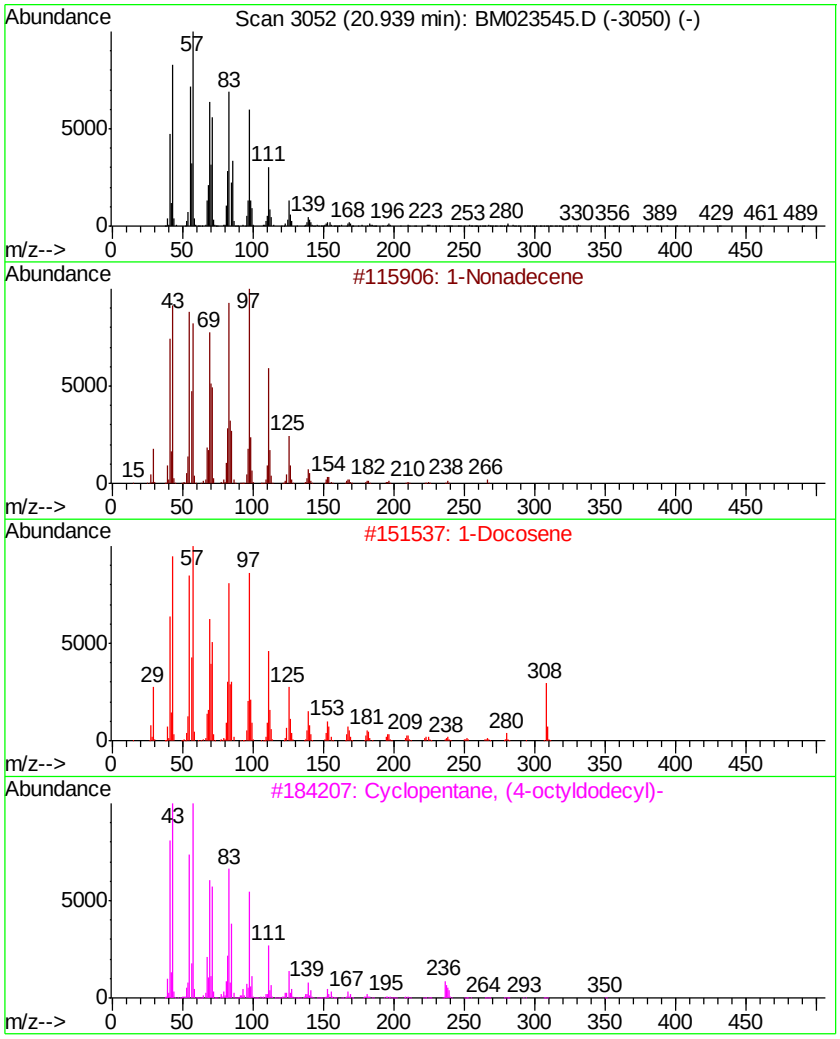
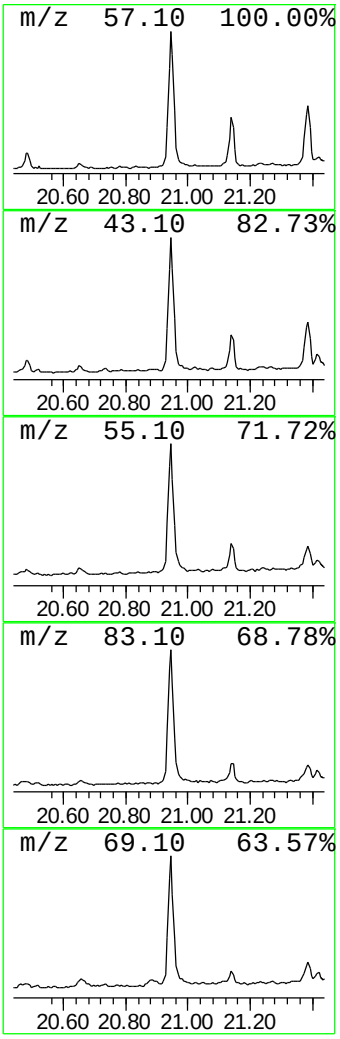
Peak Number 7 (DEL) Alkane: Cyclic2.94 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	9.25 ng/ul	2988460	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Docosene	308	C22H44	001599-67-3	96
3	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	91
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90





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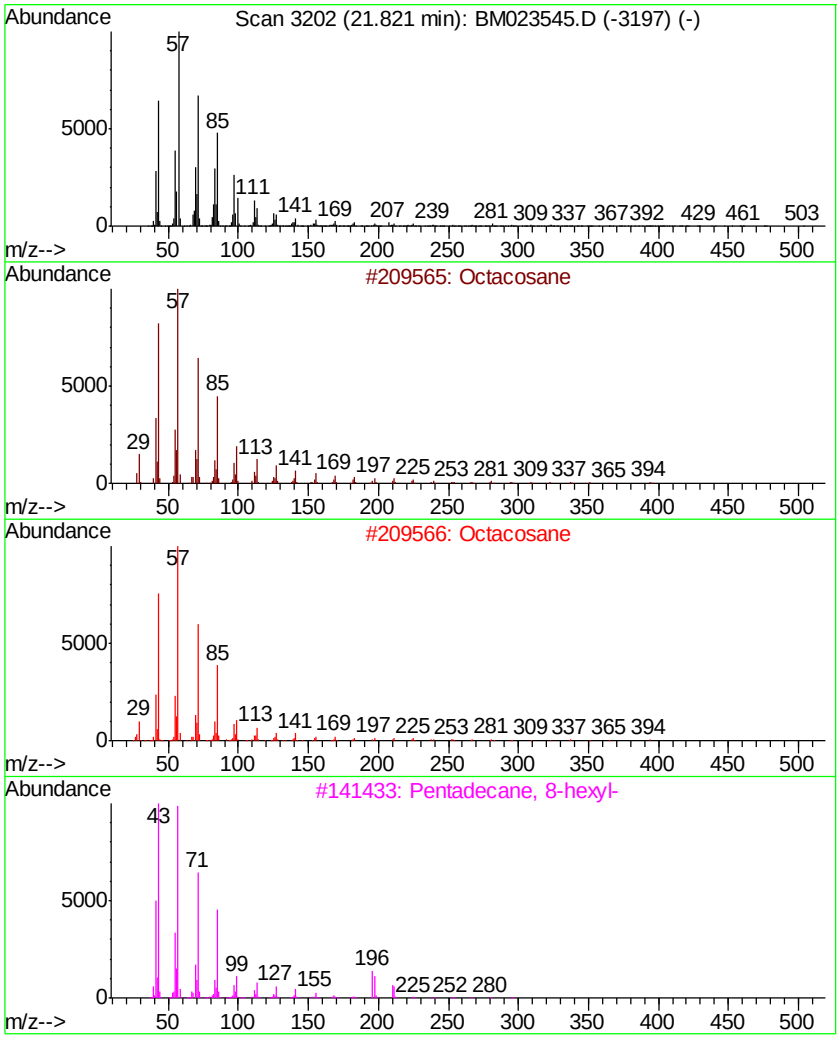
Quant Title : SVOA CALIBRATION

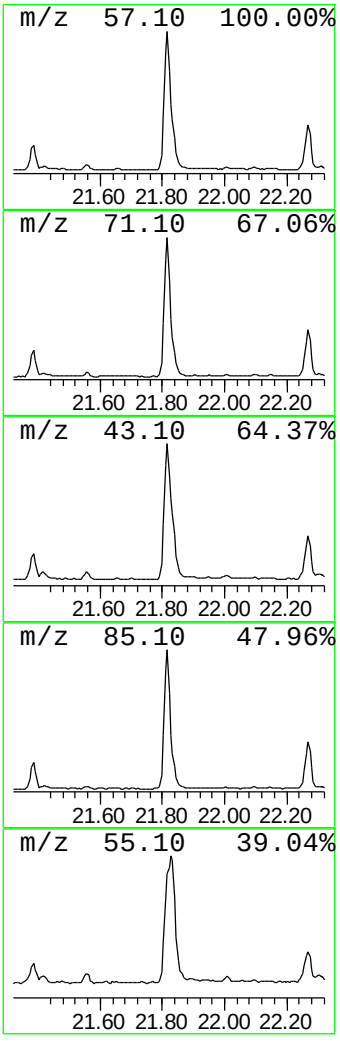
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	22.43 ng/ul	7249080	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Octacosane	394	C28H58	000630-02-4	98
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane	282	C20H42	000112-95-8	93
5	Eicosane, 9-octyl-	394	C28H58	013475-77-9	93





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ClientSampleId : JLNF9

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Quant Title : SVOA CALIBRATION

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

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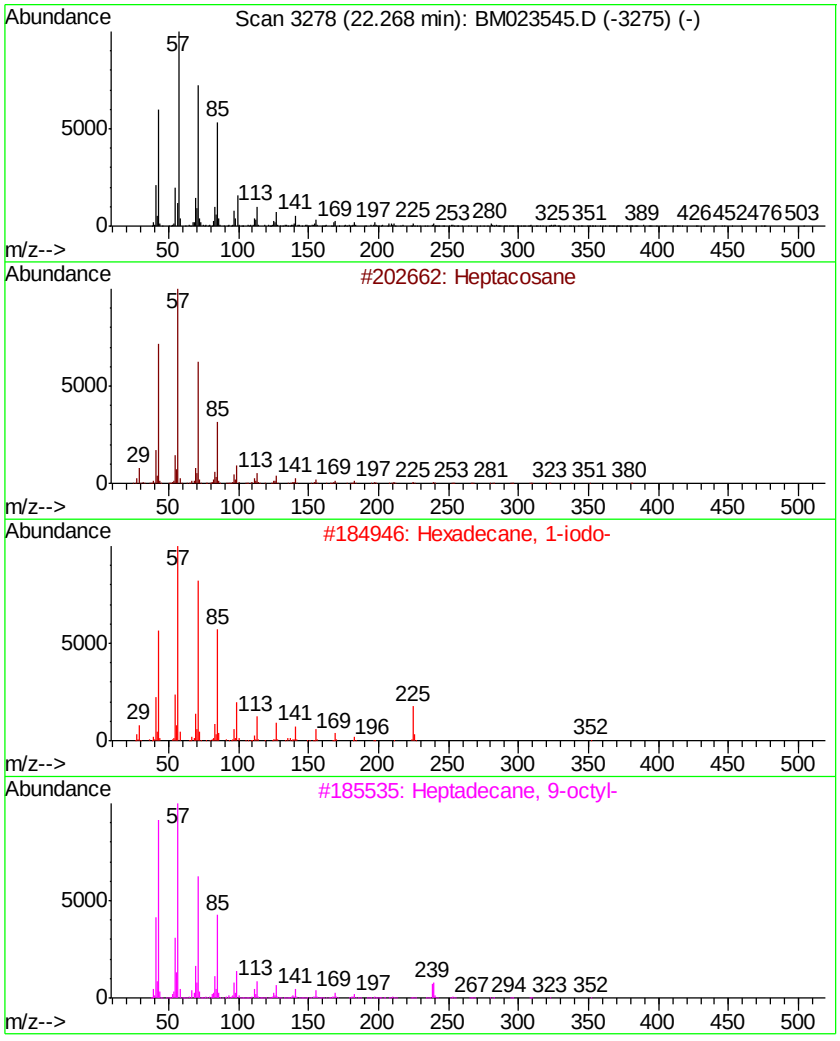
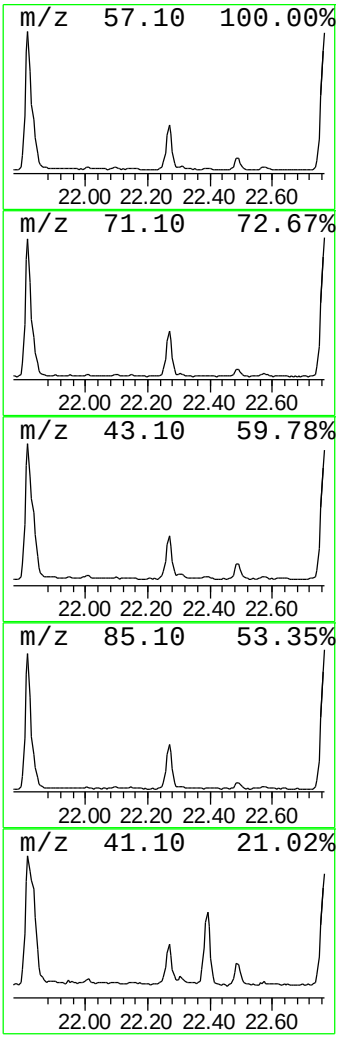
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.70 ng/ul	1196690	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	97
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	89





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Quant Title : SVOA CALIBRATION

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

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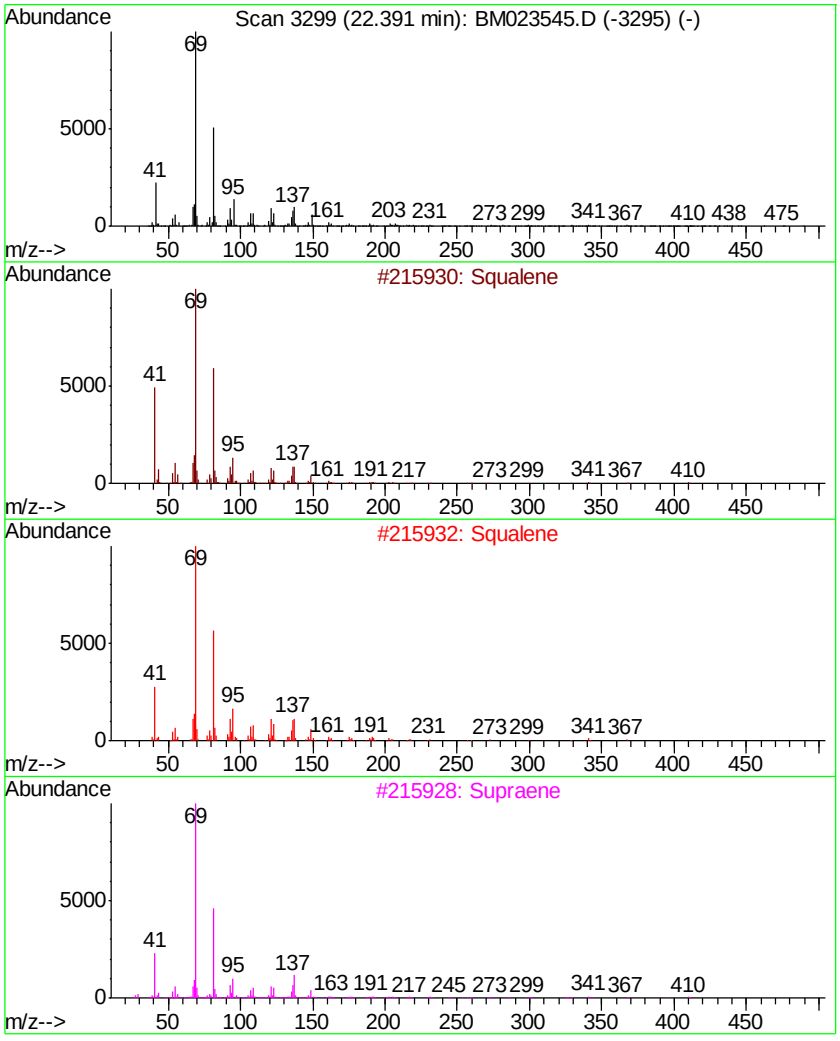
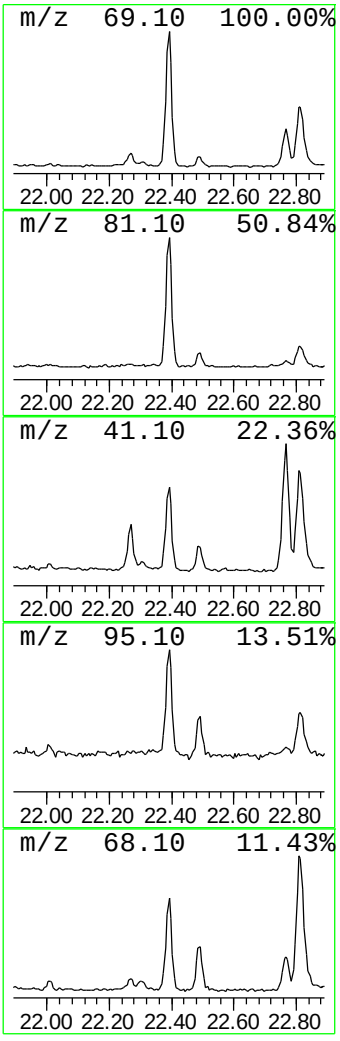
Peak Number 10 Squalene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	5.31 ng/ul	1975150	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	000111-02-4	91
3	Supraene	410	C30H50	007683-64-9	91
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	87
5	Squalene	410	C30H50	000111-02-4	86





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Quant Title : SVOA CALIBRATION

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

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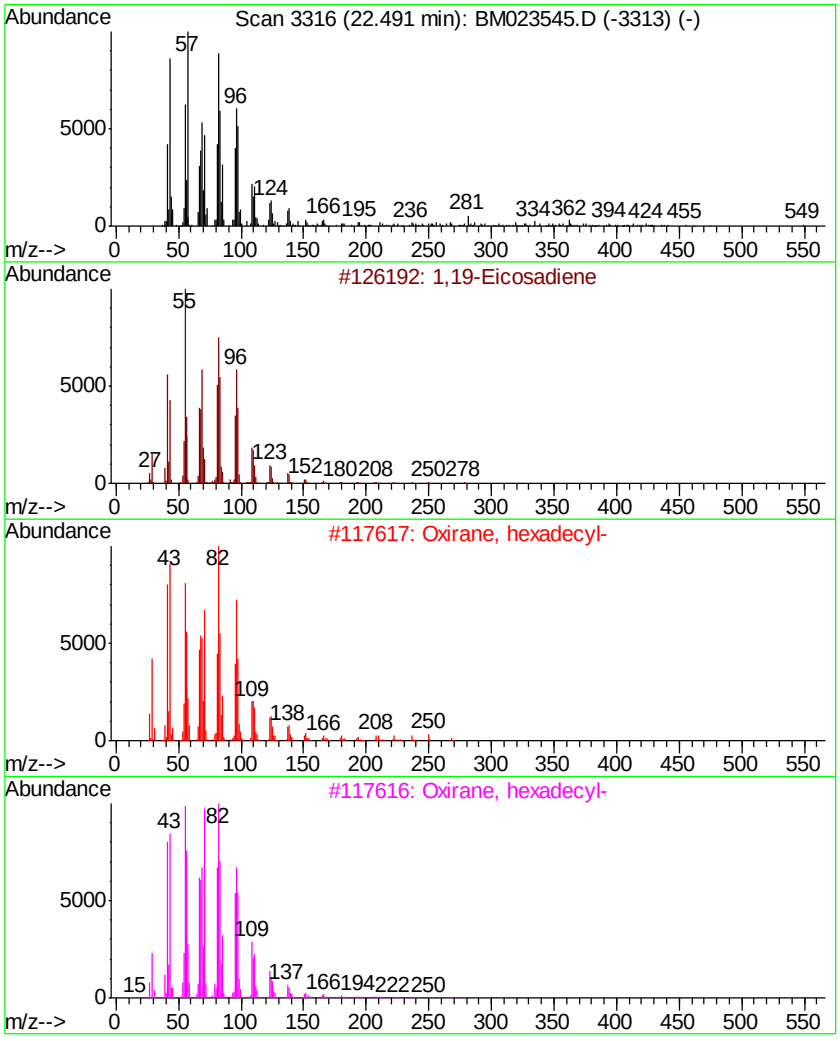
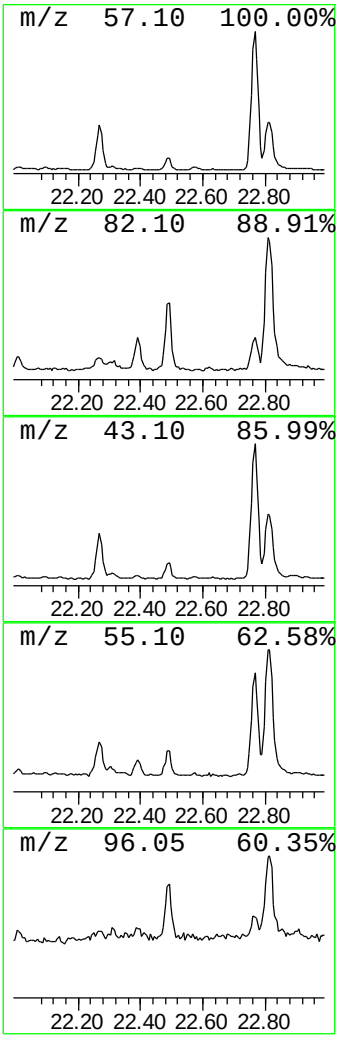
Peak Number 11 1,19-Eicosadiene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.49	2.13 ng/ul	793259	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	94
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	93
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	90
5	Octadecanal	268	C18H36O	000638-66-4	90





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Quant Title : SVOA CALIBRATION

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

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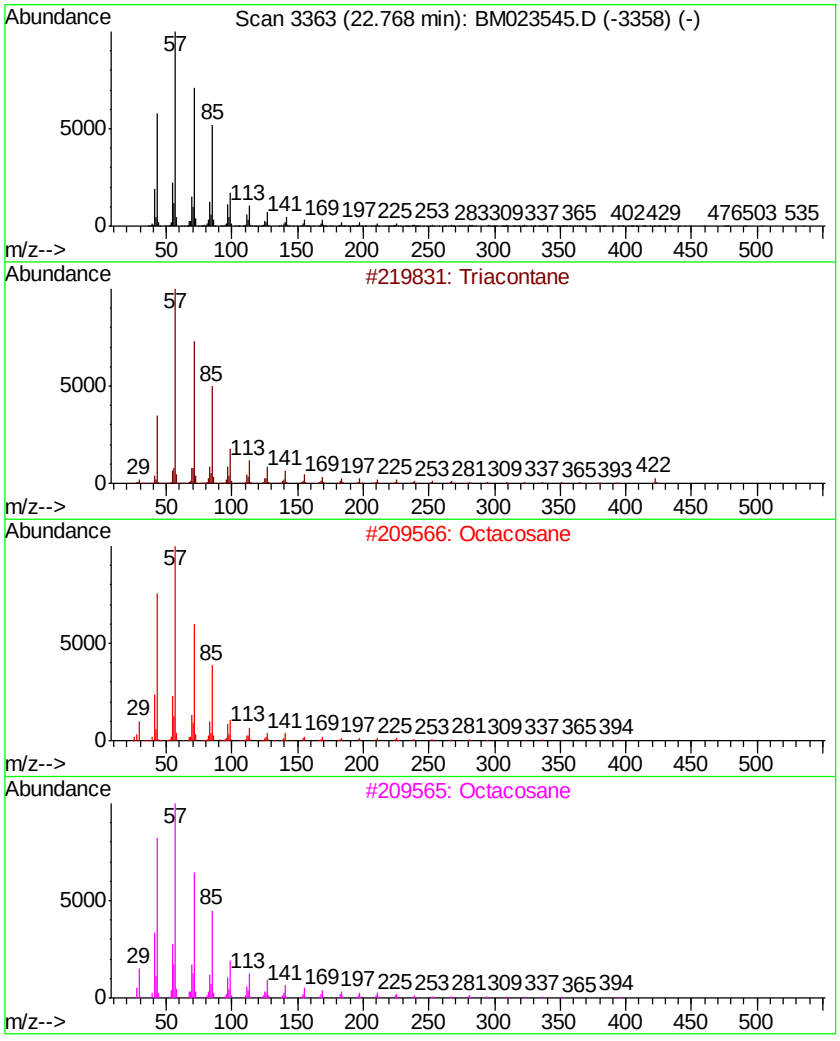
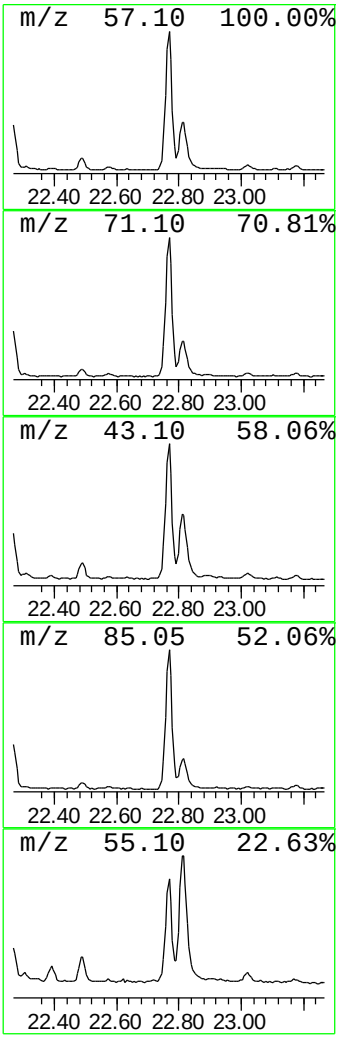
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	13.45 ng/ul	5004930	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	99
2	Octacosane	394	C28H58	000630-02-4	98
3	Octacosane	394	C28H58	000630-02-4	98
4	Tetracosane	338	C24H50	000646-31-1	97
5	Tetracosane	338	C24H50	000646-31-1	95





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Quant Title : SVOA CALIBRATION

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

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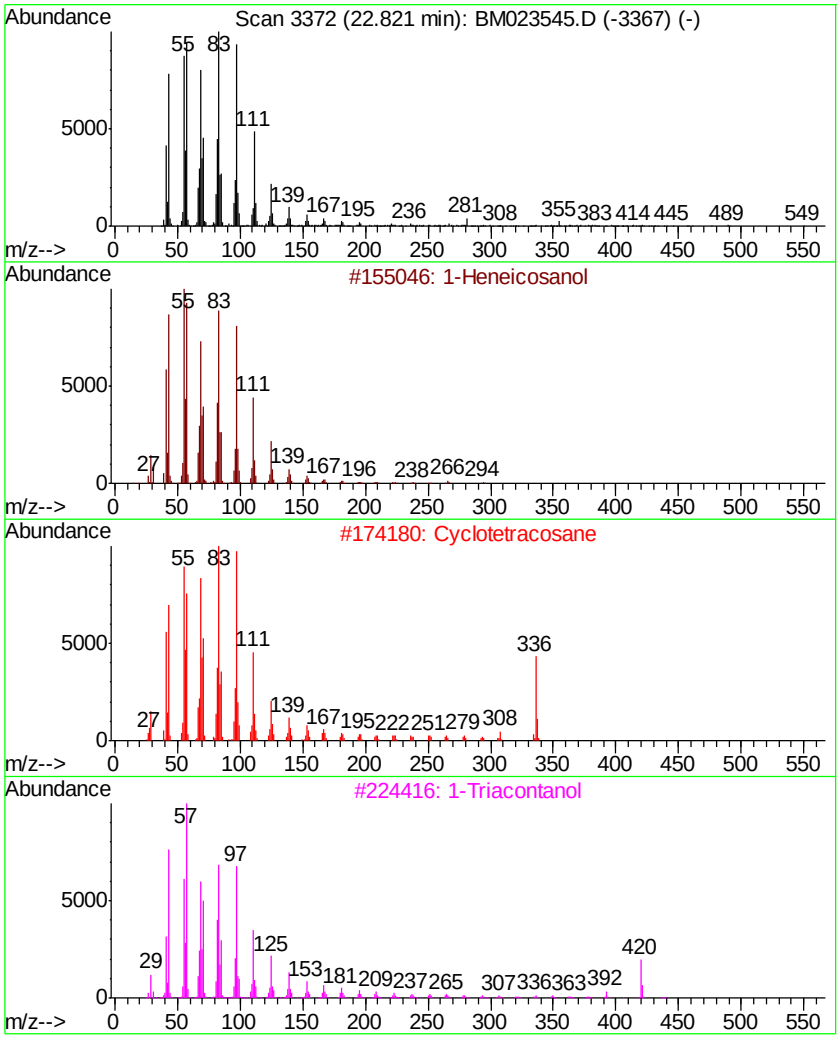
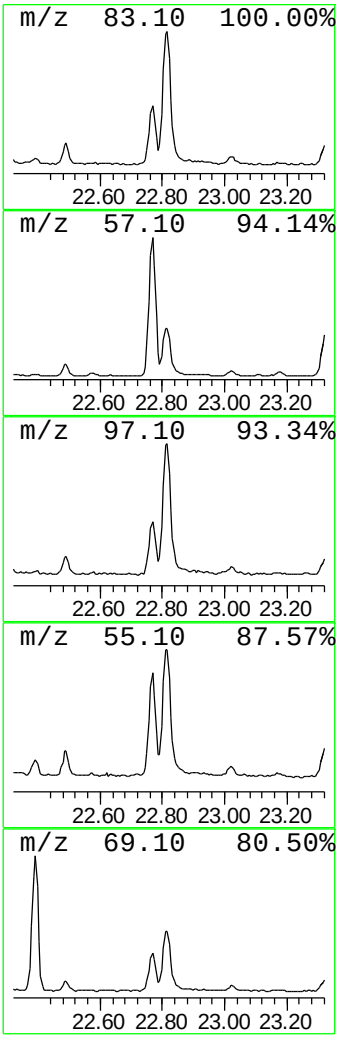
Peak Number 13 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	11.35 ng/ul	4224430	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	1-Triacontanol	438	C30H62O	000593-50-0	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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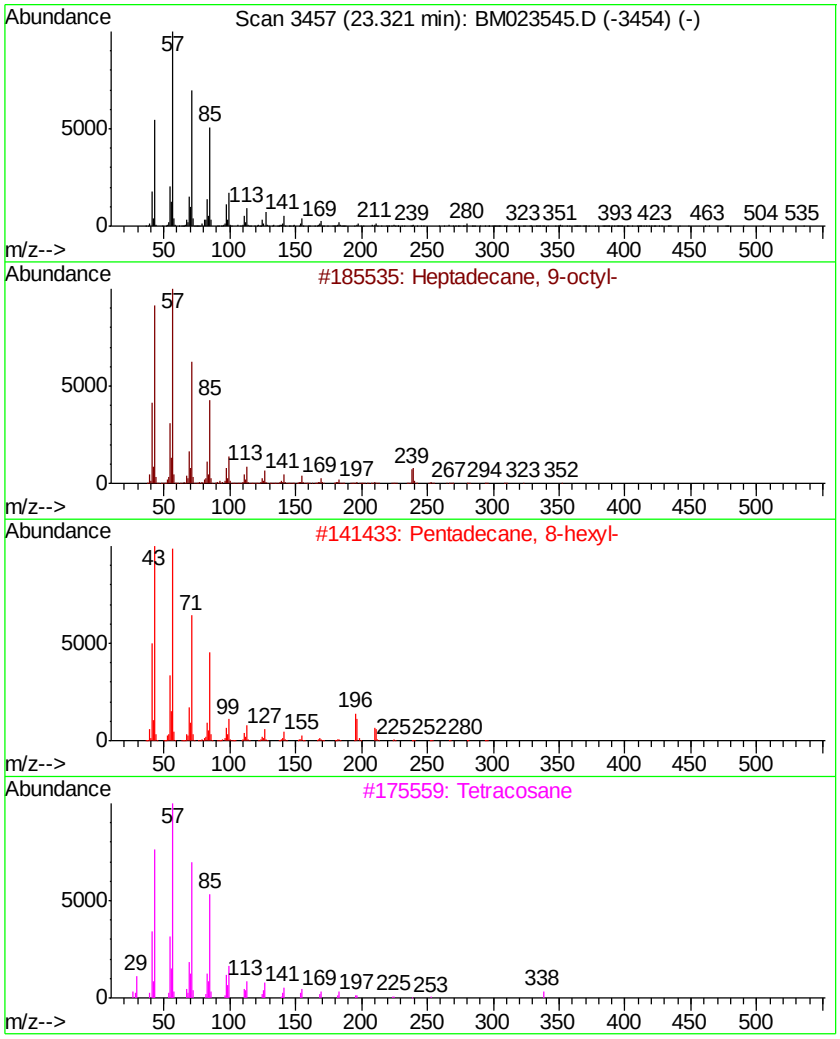
Quant Title : SVOA CALIBRATION

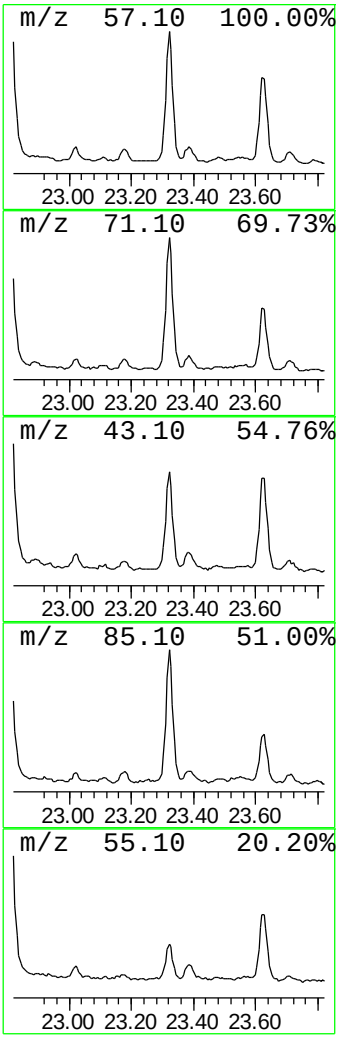
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.32	3.98 ng/ul	1482370	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Tetracosane	338	C24H50	000646-31-1	93
5	Tetracosane	338	C24H50	000646-31-1	93





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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 15 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.63	7.03 ng/ul	2614770	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
4	Octadecanal	268	C18H36O	000638-66-4	91
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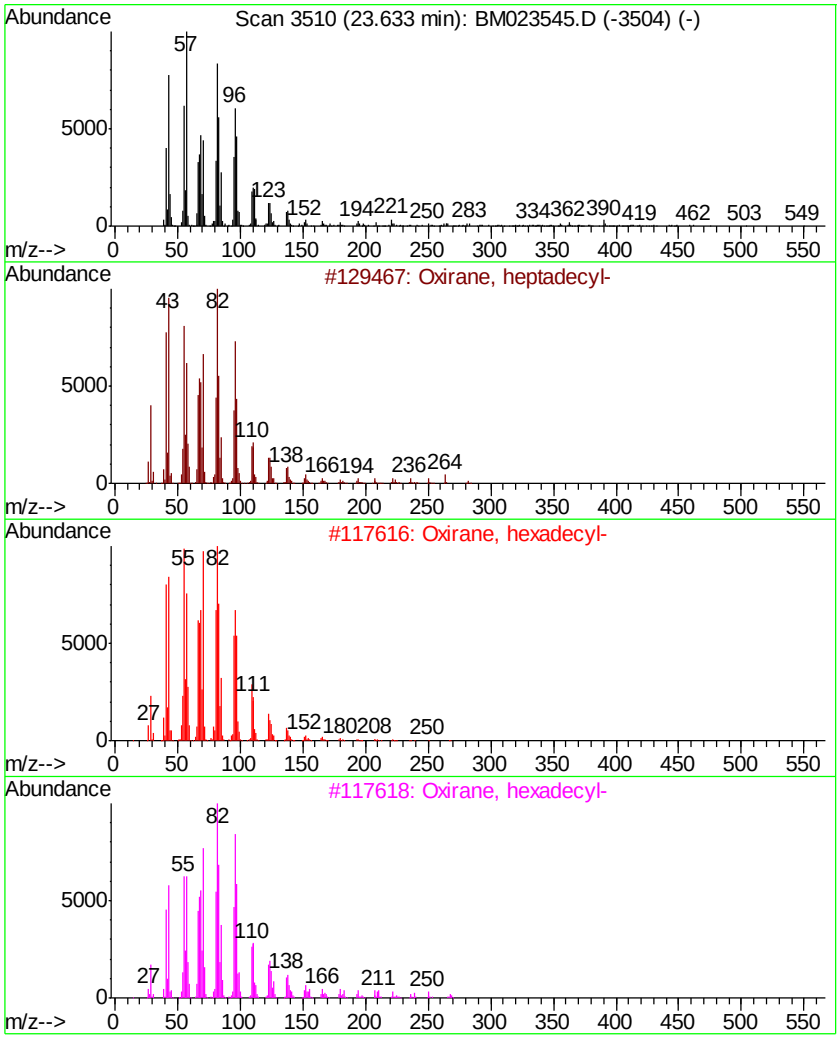

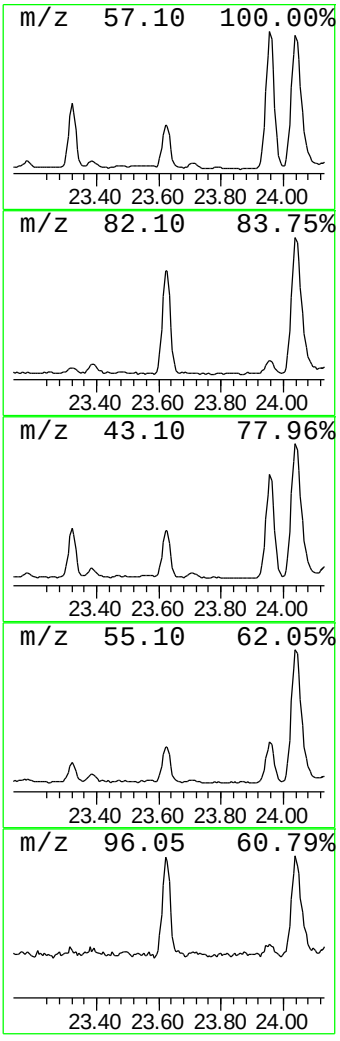

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Quant Title : SVOA CALIBRATION

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

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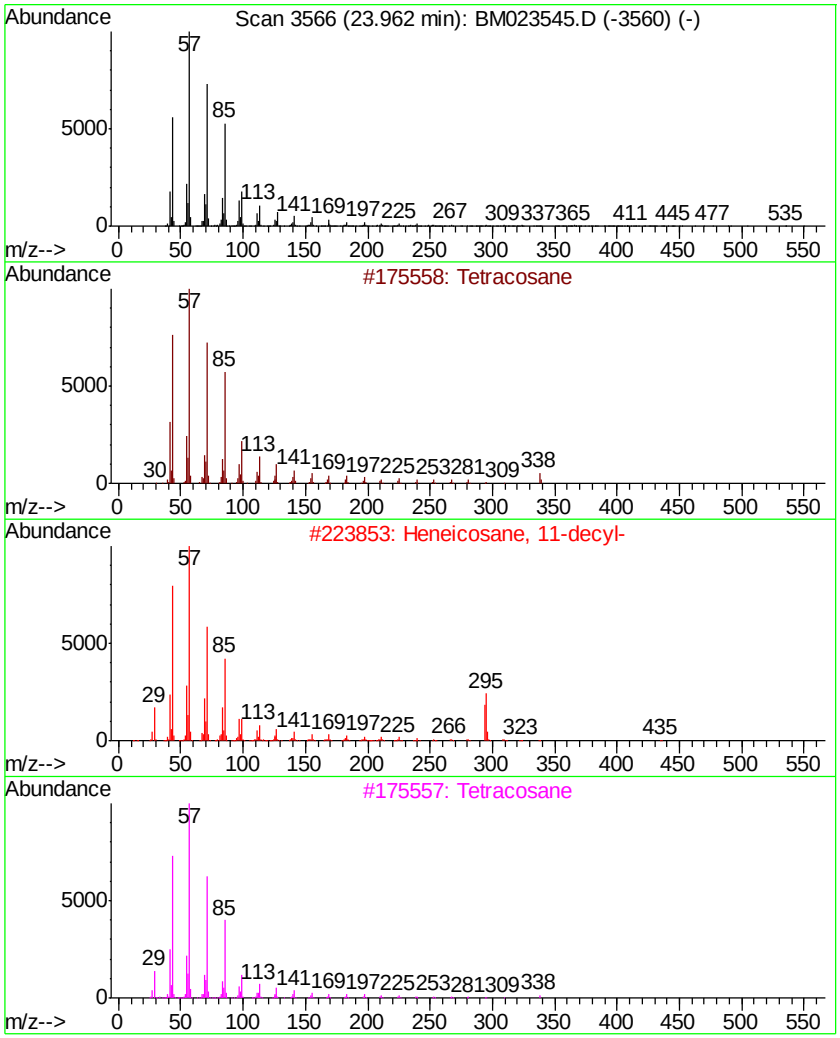
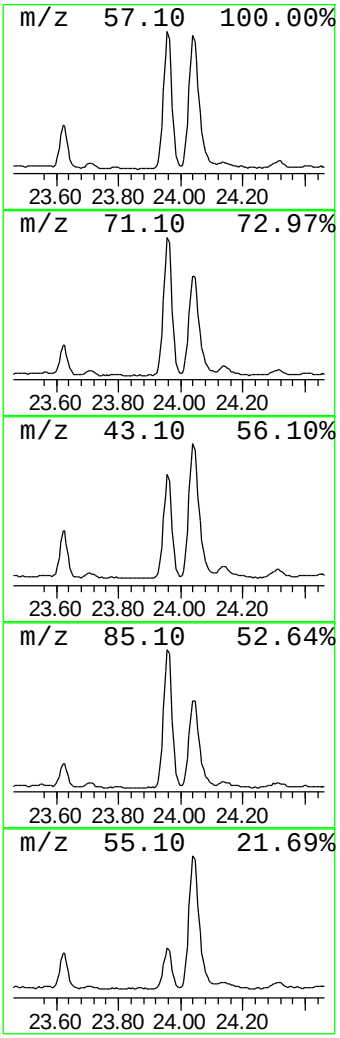
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	10.42 ng/ul	3877550	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	97
3	Tetracosane	338	C24H50	000646-31-1	97
4	Octadecane	254	C18H38	000593-45-3	95
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	94





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ClientSampleId : JLNF9

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Quant Title : SVOA CALIBRATION

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

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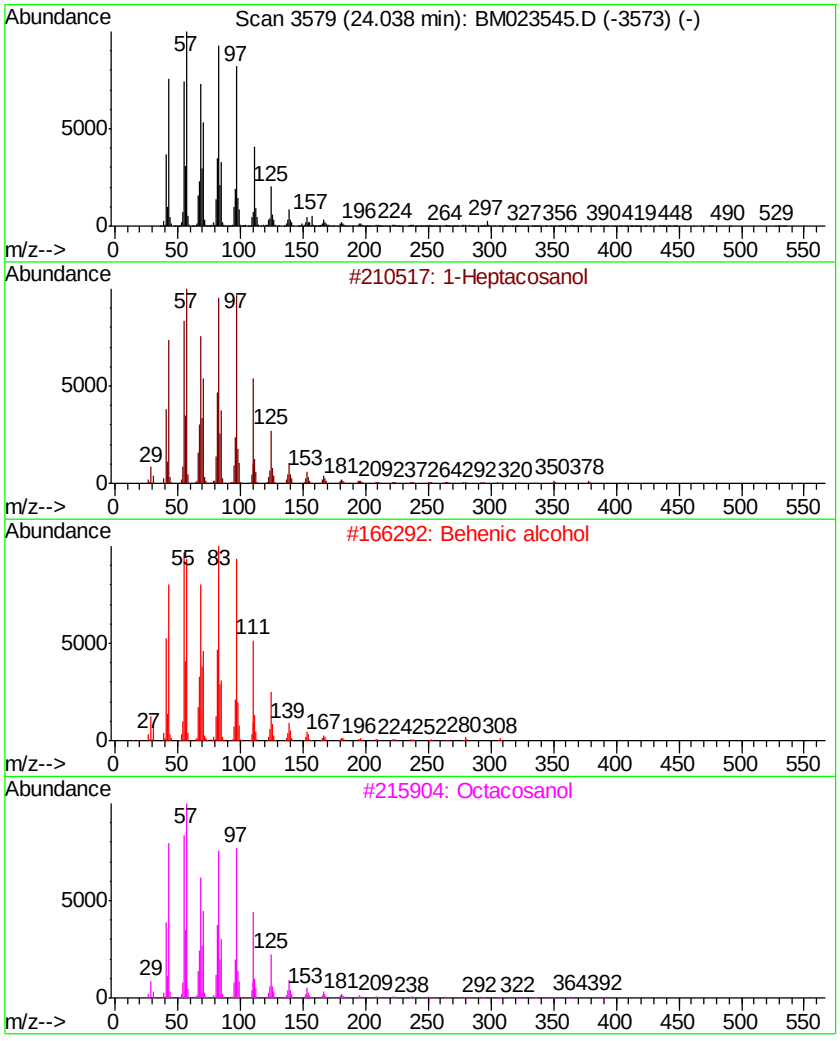
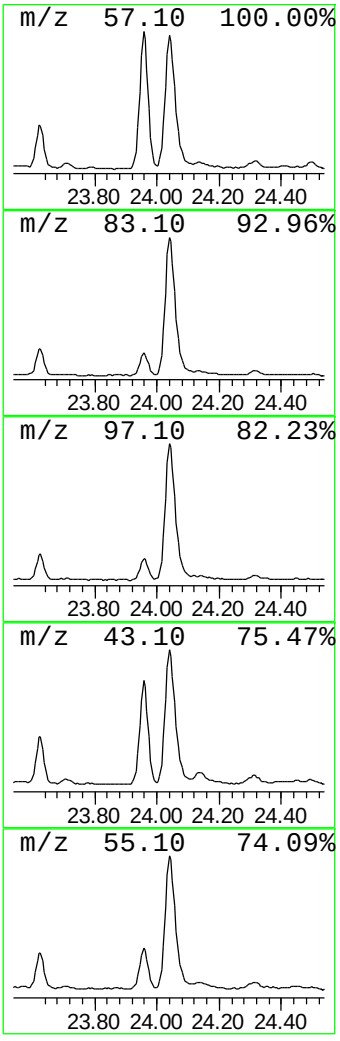
Peak Number 17 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	26.49 ng/ul	9857290	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Octacosanol	410	C28H58O	000557-61-9	93
4	1-Triacontanol	438	C30H62O	000593-50-0	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





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Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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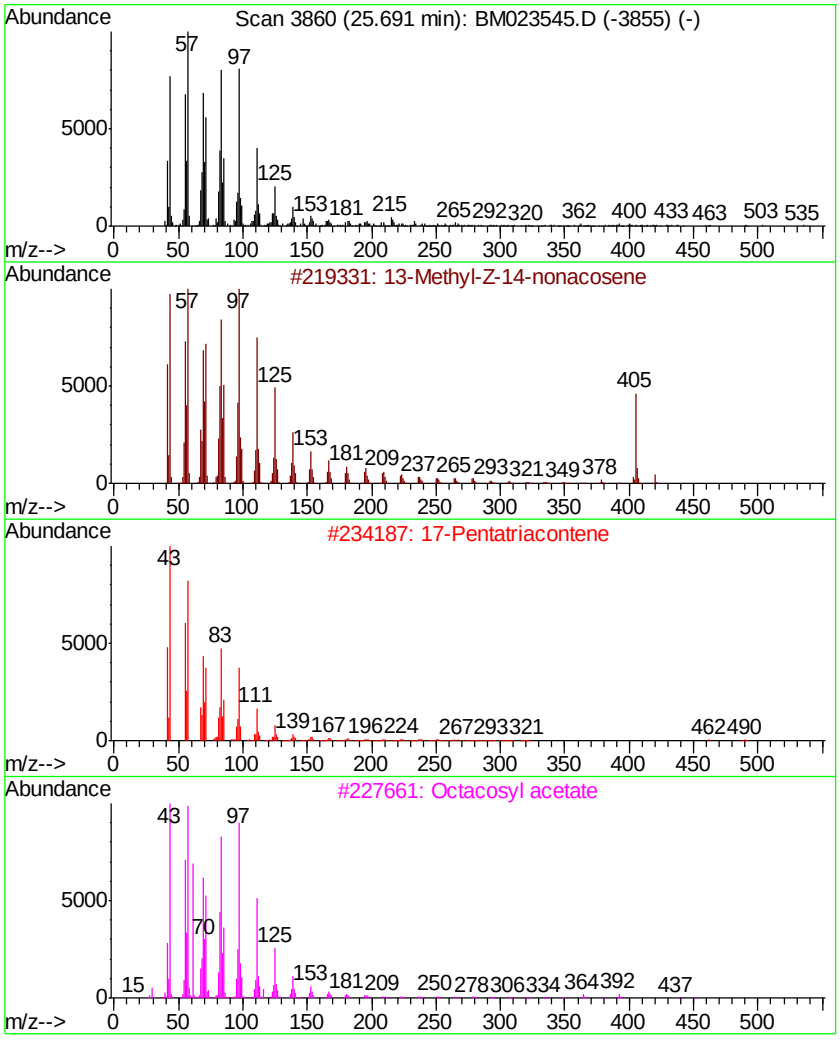
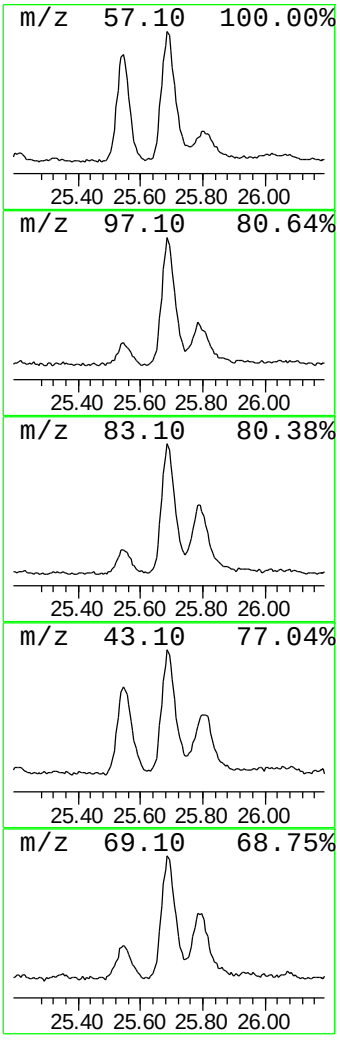
Peak Number 18 (DEL) Alkane: Cyclic25.69 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.69	7.36 ng/ul	2739720	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Methyl-Z-14-nonacosene	420	C30H60	1000131-19-0	95
2	17-Pentatriacontene	491	C35H70	006971-40-0	94
3	Octacosyl acetate	452	C30H60O2	018206-97-8	94
4	Octacosanol	410	C28H58O	000557-61-9	93
5	1-Triacontanol	438	C30H62O	000593-50-0	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

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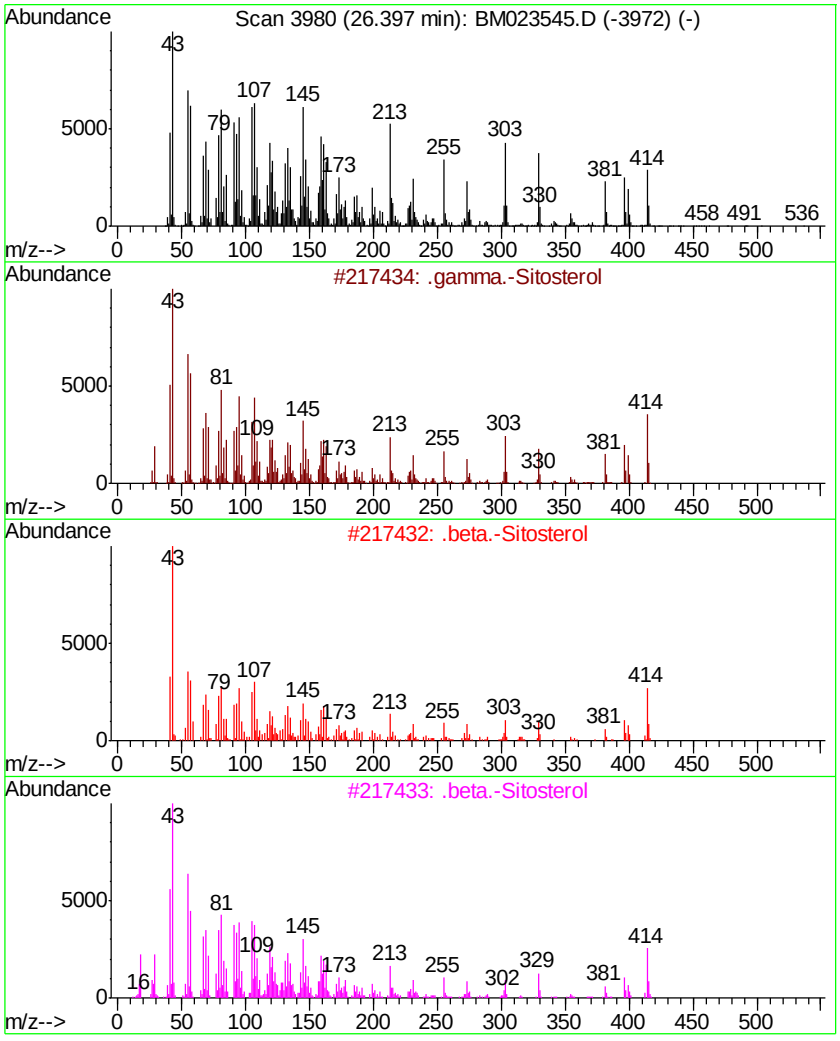
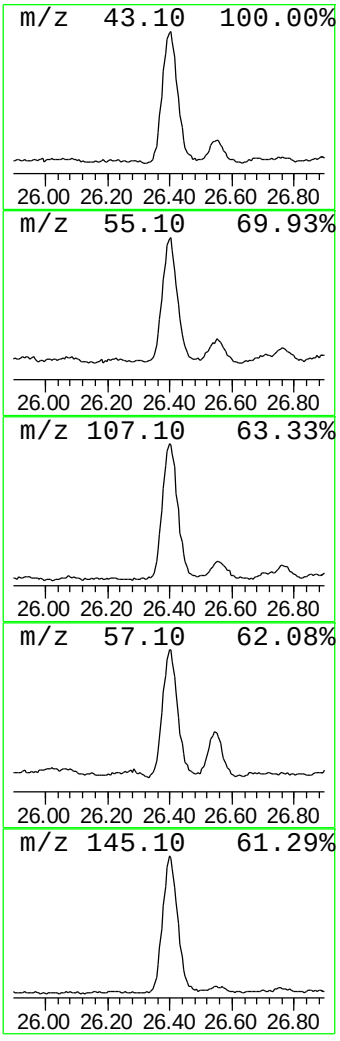
Peak Number 19 .gamma.-Sitosterol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.40	39.70 ng/ul	14775300	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	72
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	55
5	5-Cholestene-3-ol, 24-methyl-	400	C28H48O	1000214-17-4	18





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM103119\
Data File : BM023545.D
Acq On : 01 Nov 2019 06:27
Operator : JU
Sample : K5433-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLNF9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.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
(1R)-2,6,6-Trimet...	6.32	3.3	ng/ul	454573	1	7.61	2739950	20.0
Camphene	6.61	4.8	ng/ul	656198	1	7.61	2739950	20.0
.beta.-Pinene	7.06	7.3	ng/ul	1001840	1	7.61	2739950	20.0
.beta.-Phellandrene	7.89	2.1	ng/ul	294172	1	7.61	2739950	20.0
cubedol	14.55	2.2	ng/ul	578972	3	14.26	5186910	20.0
n-Hexadecanoic acid	17.93	3.5	ng/ul	1030650	4	17.00	5956080	20.0
(DEL) Alkane: Cyc...	20.94	9.3	ng/ul	2988460	5	21.20	6462550	20.0
(DEL) Alkane: Str...	21.82	22.4	ng/ul	7249080	5	21.20	6462550	20.0
(DEL) Alkane: Str...	22.27	3.7	ng/ul	1196690	5	21.20	6462550	20.0
Squalene	22.39	5.3	ng/ul	1975150	6	23.40	7442640	20.0
1,19-Eicosadiene	22.49	2.1	ng/ul	793259	6	23.40	7442640	20.0
(DEL) Alkane: Str...	22.77	13.4	ng/ul	5004930	6	23.40	7442640	20.0
1-Heneicosanol	22.82	11.4	ng/ul	4224430	6	23.40	7442640	20.0
(DEL) Alkane: Str...	23.32	4.0	ng/ul	1482370	6	23.40	7442640	20.0
Oxirane, heptadecyl-	23.63	7.0	ng/ul	2614770	6	23.40	7442640	20.0
(DEL) Alkane: Str...	23.96	10.4	ng/ul	3877550	6	23.40	7442640	20.0
1-Heptacosanol	24.04	26.5	ng/ul	9857290	6	23.40	7442640	20.0
(DEL) Alkane: Cyc...	25.69	7.4	ng/ul	2739720	6	23.40	7442640	20.0
.gamma.-Sitosterol	26.40	39.7	ng/ul	14775300	6	23.40	7442640	20.0