LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

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_N\METHODS\SOM-EPA-BN111319MA.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	3.222	36	40	45	rVB	47383	64655	0.15%	0.015%
2	3.716	119	124	129	rBV	150189	200628	0.48%	0.048%
3	3.775	129	134	141	rBV	385317	757448	1.80%	0.180%
4	3.934	157	161	167	rVB	77312	115617	0.27%	0.027%
5	4.275	215	219	225	rVB	65788	102920	0.24%	0.024%
6	4.816	305	311	319	rBV2	99673	151313	0.36%	0.036%
7	4.899	319	325	330	rBV2	42904	70471	0.17%	0.017%
8	5.116	356	362	370	rBV	89262	143624	0.34%	0.034%
9	5.205	373	377	384	rVB4	41252	79109	0.19%	0.019%
10	5.334	395	399	407	rVB	53906	111985	0.27%	0.027%
11	5.669	451	456	462	rBV2	120349	231621	0.55%	0.055%
12	6.652	618	623	631	rBV4	57378	103670	0.25%	0.025%
13	6.816	635	651	660	rBV	963162	1841593	4.38%	0.437%
14	6.981	670	679	685	rBV	815331	1328741	3.16%	0.315%
15	7.175	706	712	724	rVB	1047225	1644832	3.91%	0.390%
16	7.299	728	733	737	rVV2	84809	127521	0.30%	0.030%
17	7.340	737	740	746	rVB2	57607	77871	0.19%	0.018%
18	7.634	783	790	799	rBV	1494464	2384126	5.66%	0.566%
19	7.716	799	804	813	rBV2	177339	324765	0.77%	0.077%
20	7.869	825	830	837	rBV	125663	202279	0.48%	0.048%
21	8.334	903	909	915	rBV	1155741	1842530	4.38%	0.437%
22	8.381	915	917	923	rVV4	51480	84698	0.20%	0.020%
23	8.446	923	928	936	rVB3	92818	168235	0.40%	0.040%
24	8.769	977	983	992	rVB	1051256	1722538	4.09%	0.409%
25	8.881	998	1002	1010	rBV3	50799	95809	0.23%	0.023%
26	8.957	1010	1015	1022	rVV	239719	347640	0.83%	0.083%
27	9.028	1022	1027	1033	rVB2	55429	94388	0.22%	0.022%
28	9.334	1074	1079	1084	rVB7	30687	66304	0.16%	0.016%
29	9.487	1098	1105	1114	rBV	780364	1295205	3.08%	0.307%
30	9.740	1140	1148	1153	rBV2	47903	86092	0.20%	0.020%
31	9.828	1158	1163	1168	rBV9	39954	77391	0.18%	0.018%
32	10.022	1190	1196	1204	rVB	1251621	2076782	4.93%	0.493%
33	10.116	1207	1212	1217	rBV7	27370	57839	0.14%	0.014%
34	10.222	1219	1230	1236	rVV7	61463	143896	0.34%	0.034%

LSC Area Percent Report

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Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

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_N\METHODS\SOM-EPA-BN111319MA.M
Title : SVOA CALIBRATION

35	10.328	1244	1248	1253	rVB4	29163	56848	0.14%	0.013%
36	10.398	1253	1260	1267	rBV	2029040	3415595	8.12%	0.811%
37	10.446	1267	1268	1275	rVB	50711	60500	0.14%	0.014%
38	10.516	1275	1280	1285	rBV5	60266	115198	0.27%	0.027%
39	10.604	1290	1295	1300	rBV8	35409	70268	0.17%	0.017%
40	10.945	1345	1353	1363	rBV3	42570	134901	0.32%	0.032%
41	11.040	1363	1369	1373	rBV5	31358	57798	0.14%	0.014%
42	11.169	1383	1391	1395	rBV2	138870	275165	0.65%	0.065%
43	11.210	1395	1398	1402	rVB2	96988	134168	0.32%	0.032%
44	11.357	1418	1423	1430	rVB9	46587	83435	0.20%	0.020%
45	11.757	1482	1491	1496	rBV3	107835	198892	0.47%	0.047%
46	11.863	1502	1509	1513	rBV3	52346	94131	0.22%	0.022%
47	11.981	1524	1529	1534	rBV2	139794	205154	0.49%	0.049%
48	12.157	1555	1559	1564	rBV3	46510	86641	0.21%	0.021%
49	12.287	1575	1581	1586	rBV8	26975	52769	0.13%	0.013%
50	12.563	1622	1628	1633	rBV2	164374	300366	0.71%	0.071%
51	13.051	1705	1711	1713	rBV7	30101	51314	0.12%	0.012%
52	13.092	1714	1718	1720	rBV	51806	69614	0.17%	0.017%
53	13.163	1726	1730	1736	rVB3	114614	183875	0.44%	0.044%
54	13.357	1759	1763	1771	rBV6	52245	128152	0.30%	0.030%
55	13.516	1786	1790	1793	rBV	64573	100911	0.24%	0.024%
56	13.675	1812	1817	1822	rBV	2185887	3037502	7.22%	0.721%
57	13.722	1822	1825	1830	rVB	564148	708712	1.68%	0.168%
58	13.822	1839	1842	1846	rVB4	61428	74347	0.18%	0.018%
59	13.945	1857	1863	1875	rBV	2523849	3953548	9.39%	0.939%
60	14.157	1896	1899	1903	rVB	74935	89449	0.21%	0.021%
61	14.204	1903	1907	1910	rVB	112111	132249	0.31%	0.031%
62	14.257	1910	1916	1924	rBV	2729755	4417193	10.50%	1.049%
63	14.451	1945	1949	1956	rVB	352846	553758	1.32%	0.131%
64	14.604	1970	1975	1980	rBV3	163589	259396	0.62%	0.062%
65	14.710	1990	1993	1994	rBV2	94843	89938	0.21%	0.021%
66	15.098	2056	2059	2063	rVB	282600	314931	0.75%	0.075%
67	15.157	2066	2069	2074	rVB2	152750	197192	0.47%	0.047%
68	15.257	2080	2086	2091	rBV	2919095	4191446	9.96%	0.995%
69	15.369	2101	2105	2112	rVB	554431	799328	1.90%	0.190%
70	15.669	2152	2156	2159	rBV3	239223	356023	0.85%	0.085%
71	15.704	2159	2162	2168	rVB2	329739	438011	1.04%	0.104%

LSC Area Percent Report

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Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

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_N\METHODS\SOM-EPA-BN111319MA.M
Title : SVOA CALIBRATION

72	15.833	2181	2184	2191	rVB5	262385	410163	0.97%	0.097%
73	15.898	2191	2195	2202	rBV	912178	1211581	2.88%	0.288%
74	16.028	2213	2217	2228	rVB3	614449	1315856	3.13%	0.312%
75	16.328	2265	2268	2271	rVB	255656	270812	0.64%	0.064%
76	16.445	2286	2288	2293	rVB4	278938	331793	0.79%	0.079%
77	16.792	2343	2347	2356	rVB3	674286	1225501	2.91%	0.291%
78	16.945	2370	2373	2377	rBV2	570258	694795	1.65%	0.165%
79	17.004	2378	2383	2387	rBV	3153051	4528028	10.76%	1.075%
80	17.098	2394	2399	2403	rBV2	3071499	4262567	10.13%	1.012%
81	17.886	2530	2533	2538	rVB	860427	1029080	2.45%	0.244%
82	17.951	2540	2544	2549	rBV	4188553	5957922	14.16%	1.414%
83	19.245	2761	2764	2769	rBV2	2324702	3274522	7.78%	0.777%
84	19.404	2788	2791	2795	rVB	2594546	2998382	7.12%	0.712%
85	20.974	3053	3058	3062	rBV3	12937062	23913150	56.82%	5.677%
86	21.416	3131	3133	3137	rVB	6211850	6508901	15.47%	1.545%
87	21.857	3204	3208	3219	rVB	27637186	42086235	100.00%	9.992%
88	22.316	3283	3286	3294	rVB	8669756	13058078	31.03%	3.100%
89	22.533	3319	3323	3335	rVB	14196840	21870219	51.97%	5.192%
90	22.827	3368	3373	3375	rBV	14851666	26866194	63.84%	6.378%
91	22.857	3375	3378	3389	rVB	26666362	40355335	95.89%	9.581%
92	23.374	3462	3466	3470	rVB	9722944	14863498	35.32%	3.529%
93	23.674	3512	3517	3523	rVB	11932867	22329292	53.06%	5.301%
94	24.010	3569	3574	3580	rVB	13547096	26459241	62.87%	6.282%
95	24.086	3581	3587	3595	rVB	12096597	24069280	57.19%	5.714%
96	25.598	3838	3844	3855	rVB	9299167	25698025	61.06%	6.101%
97	26.439	3979	3987	3997	rVB2	10717440	34171585	81.19%	8.113%
98	26.598	4008	4014	4027	rVB	9071202	27743023	65.92%	6.586%

Sum of corrected areas: 421215912

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
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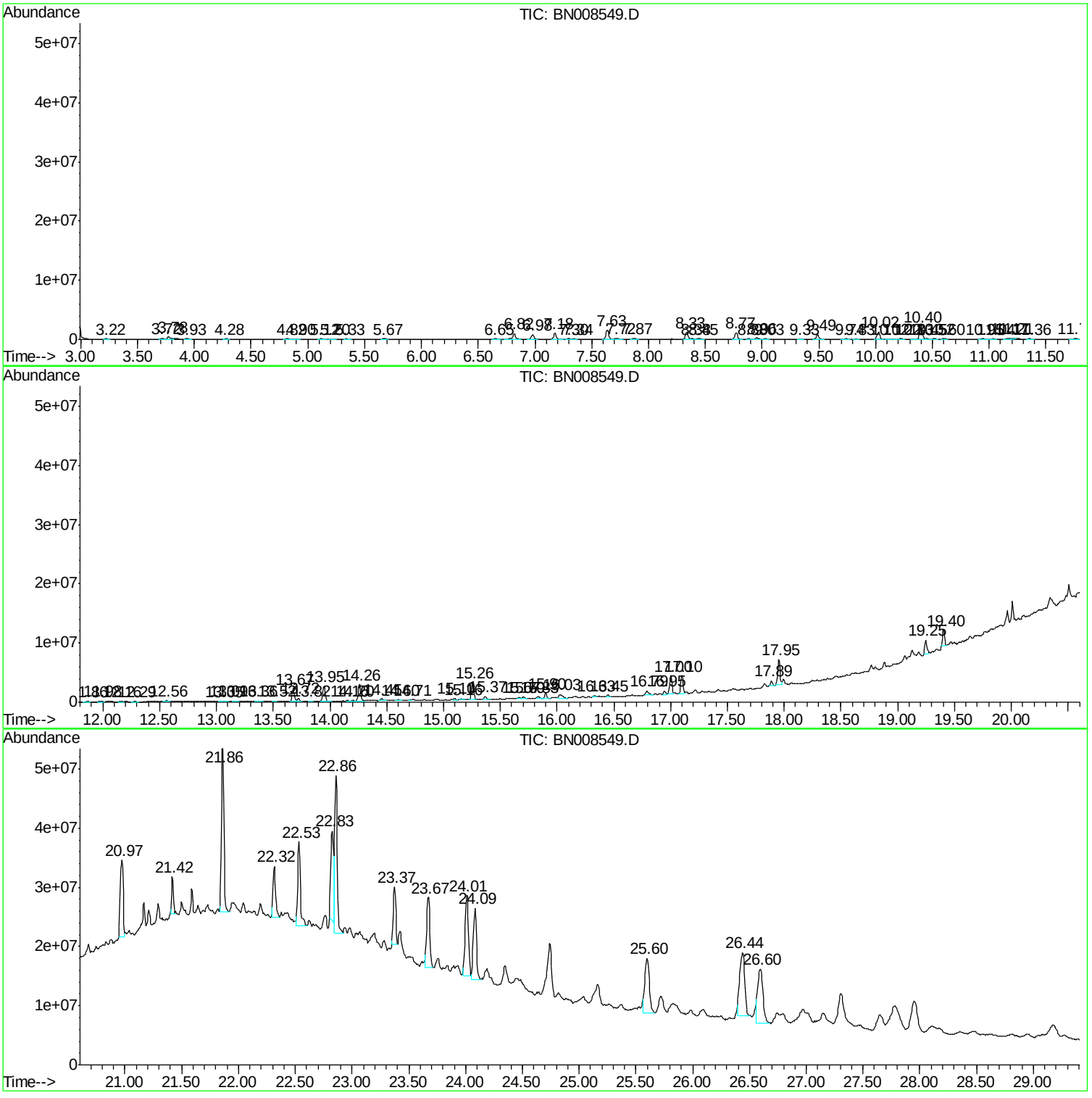
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.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 N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
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Instrument : BNA_N
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

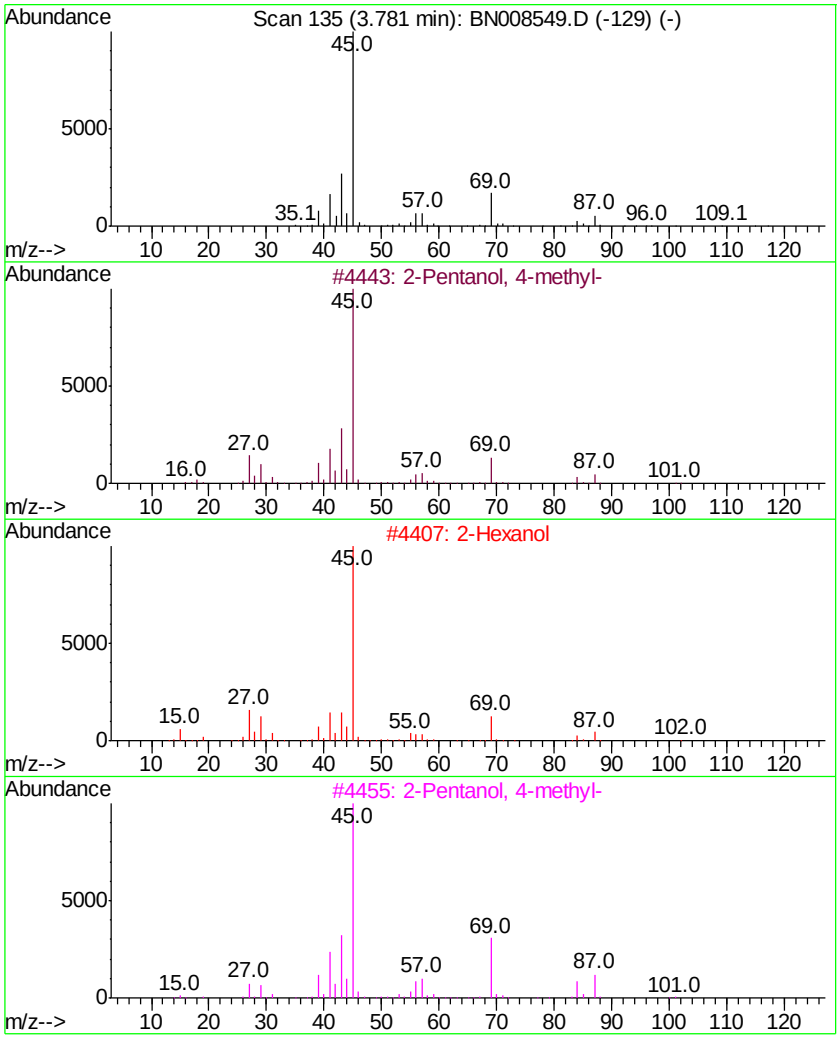
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

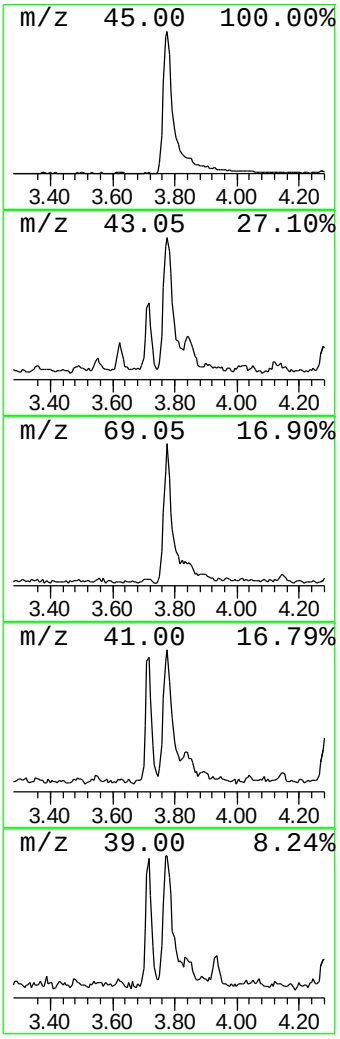
****

Peak Number 1 2-Pentanol, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	6.35 ng/ul	757448	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
5	2-Hexanol	102	C6H14O	000626-93-7	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
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Acq On : 14 Nov 2019 07:46
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Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

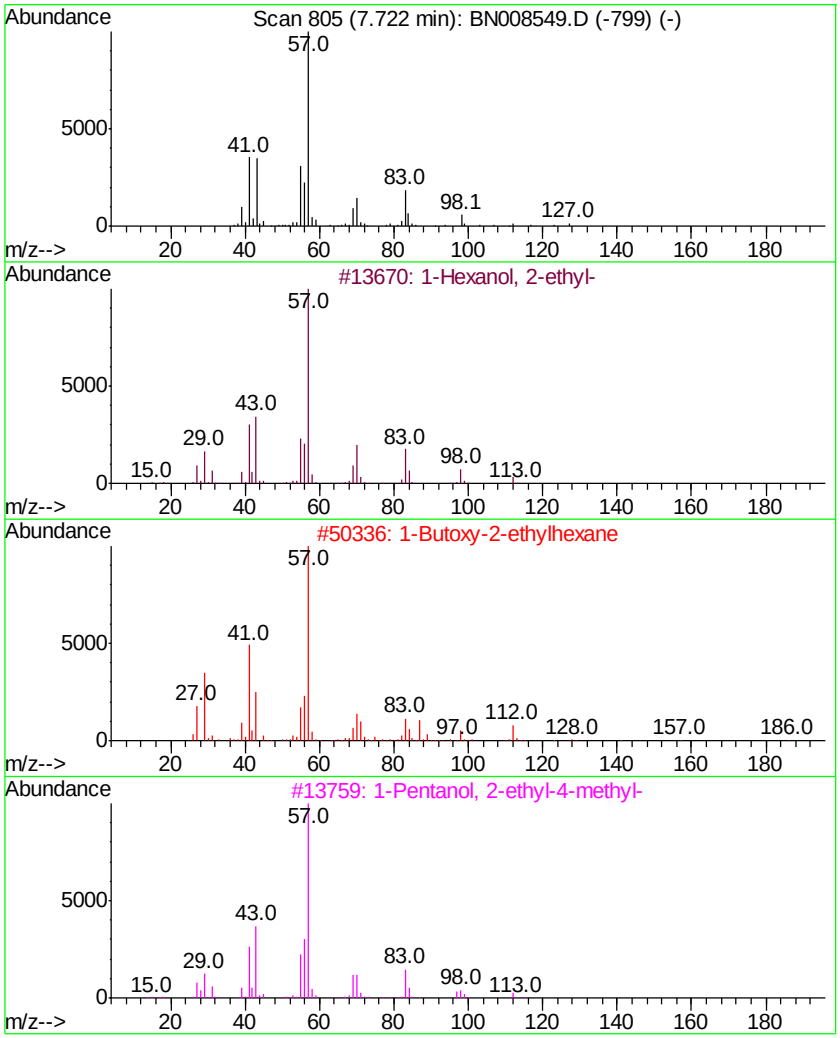
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

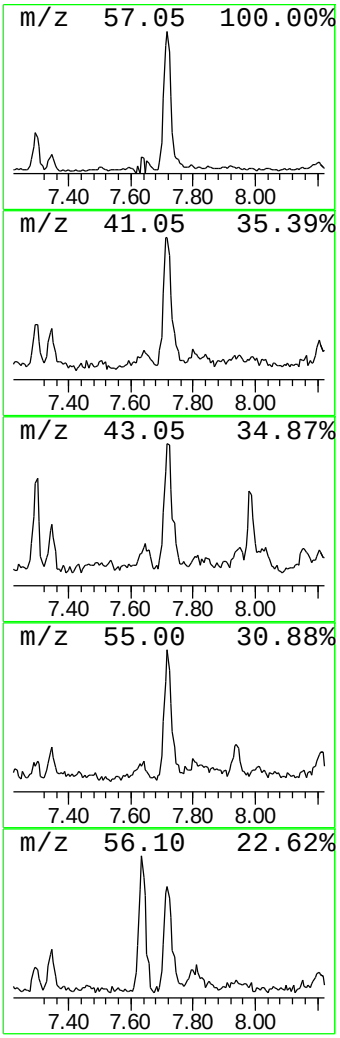
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	2.72 ng/ul	324765	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Butoxy-2-ethylhexane	186	C12H26O	062625-25-6	64
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	59
5	3-Undecene, 6-methyl-, (E)-	168	C12H24	074630-52-7	59





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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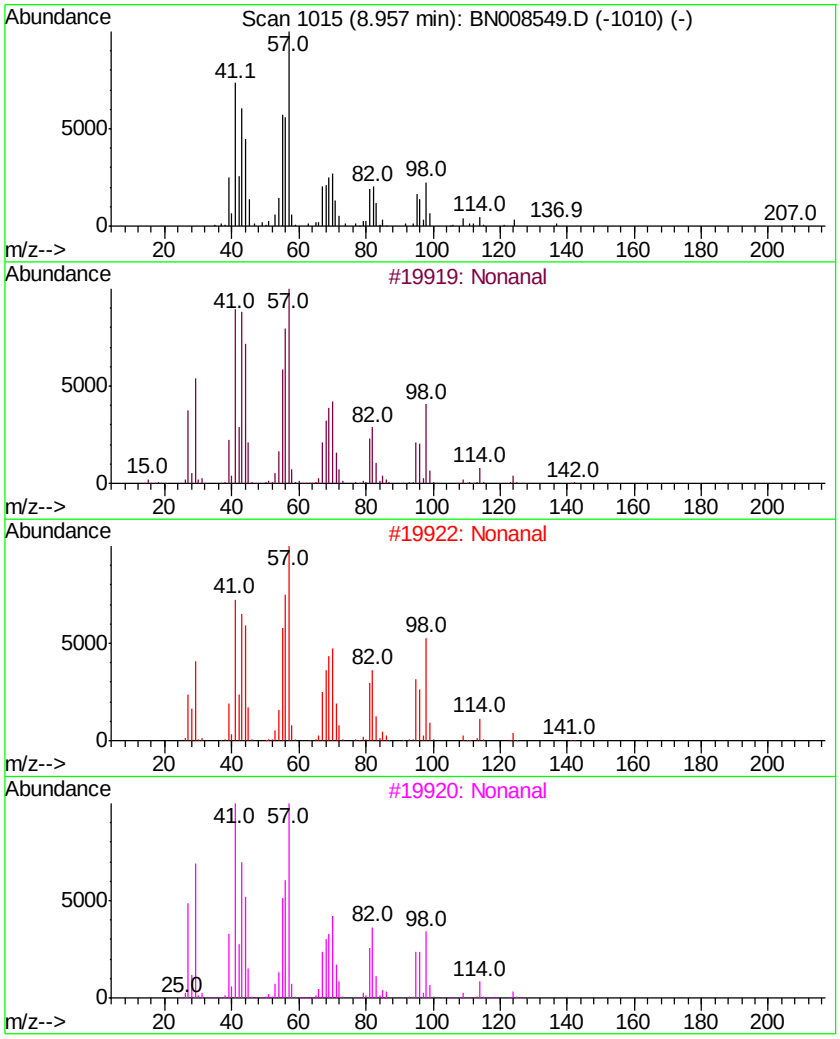
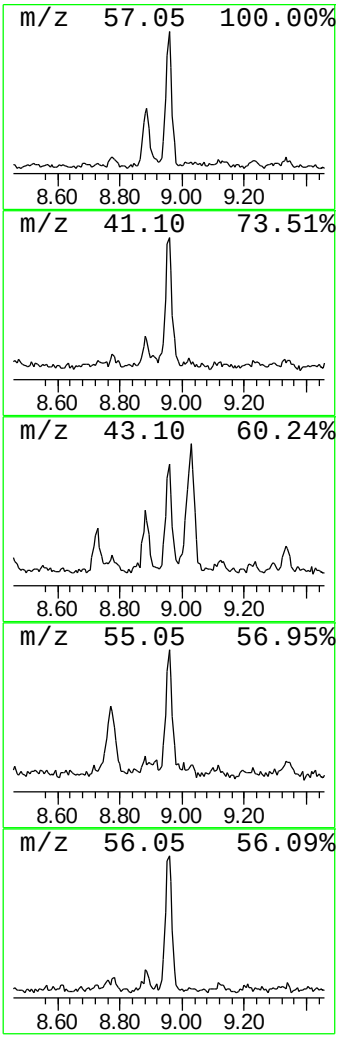
Peak Number 3 Nonanal Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.96	2.92 ng/ul	347640	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	90
2	Nonanal	142	C9H18O	000124-19-6	59
3	Nonanal	142	C9H18O	000124-19-6	59
4	2-Hepten-1-ol, (E)-	114	C7H14O	033467-76-4	41
5	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

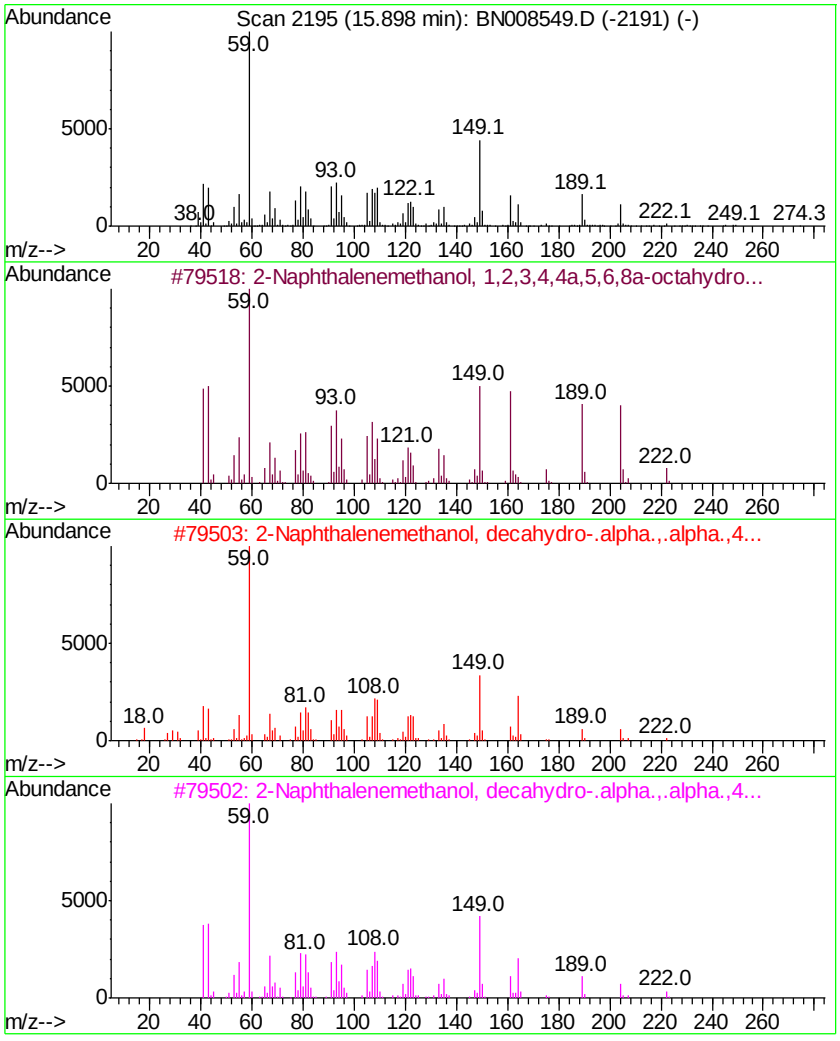
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

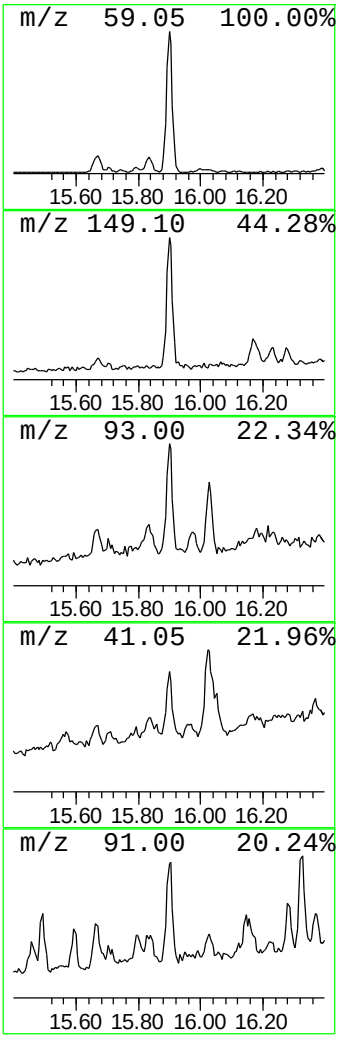
****

Peak Number 4 2-Naphthalenemethanol, 1,2,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	5.35 ng/ul	1211580	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenemethanol, 1,2,3,4,4...	222	C15H26O	000473-16-5	90
2	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	89
3	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	83
4	2-Naphthalenemethanol, decahydro...	222	C15H26O	000473-15-4	49
5	2-Naphthalenemethanol, 2,3,4,4a,...	222	C15H26O	063891-61-2	43





Library Search Compound Report

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Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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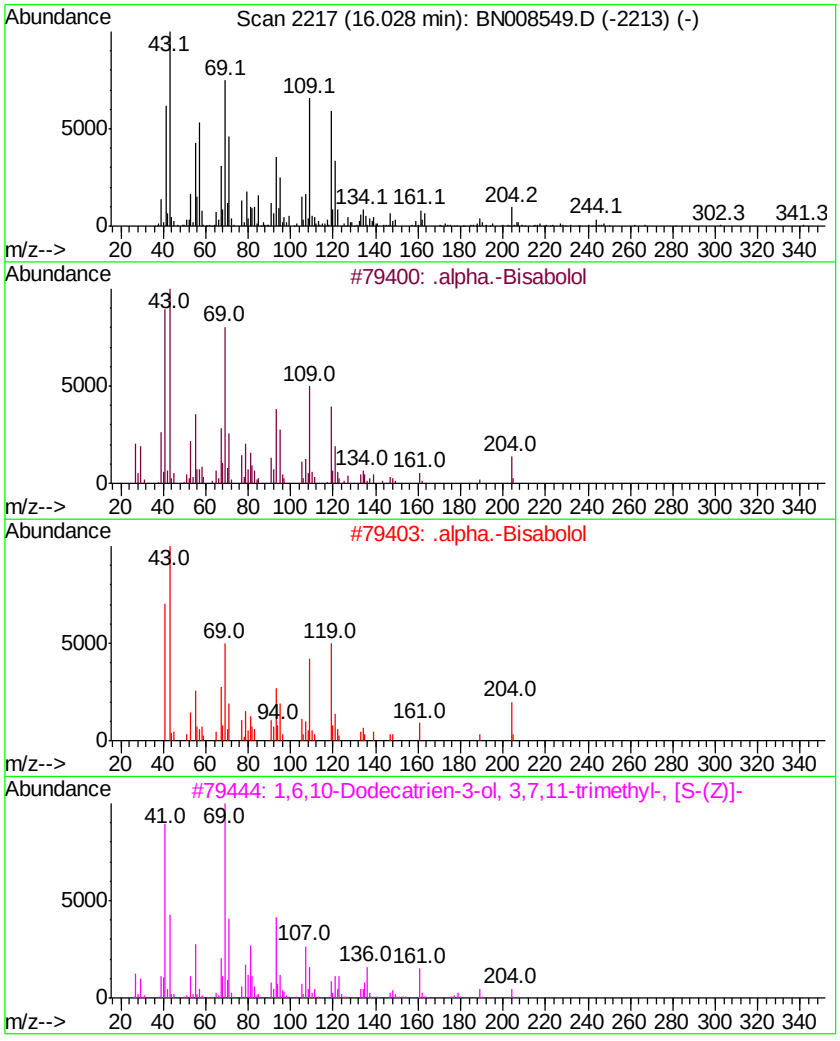
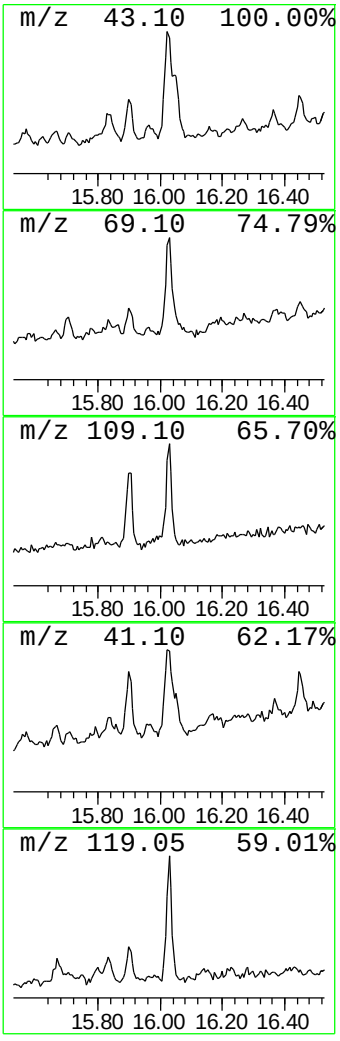
Peak Number 5 .alpha.-Bisabolol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	5.81 ng/ul	1315860	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Bisabolol	222	C15H26O	000515-69-5	58
2	.alpha.-Bisabolol	222	C15H26O	000515-69-5	38
3	1,6,10-Dodecatrien-3-ol, 3,7,11-...	222	C15H26O	000142-50-7	38
4	7-epi-trans-sesquisabinene hydrate	222	C15H26O	1000374-17-7	35
5	4-n-Pentylthiane, S,S-dioxide	204	C10H20O2S	065865-33-0	25





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Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
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Instrument : BNA_N
ClientSampleId : JLM69

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Quant Title : SVOA CALIBRATION

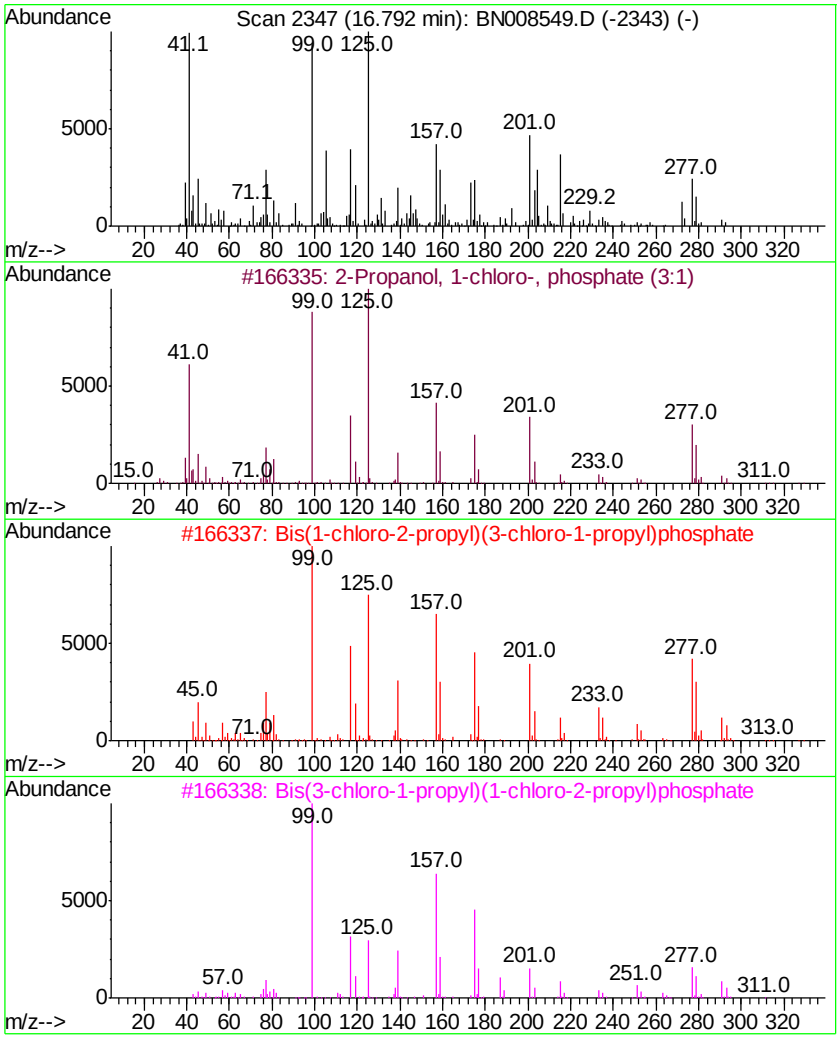
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

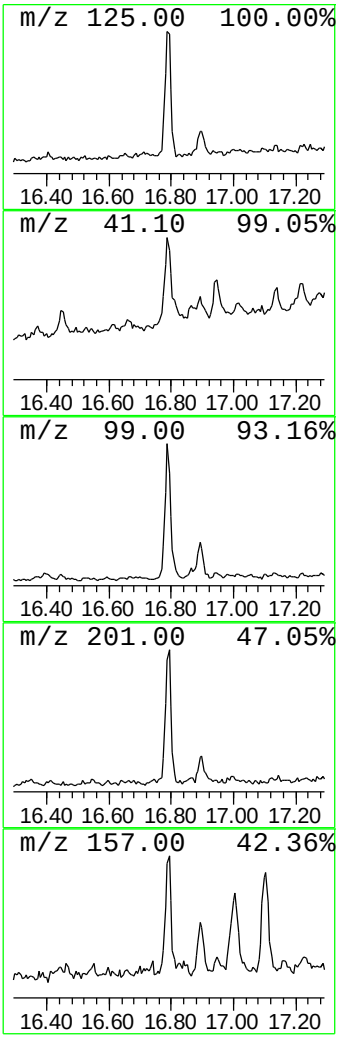
****

Peak Number 6 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	5.41 ng/ul	1225500	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	38
2	Bis(1-chloro-2-propyl)(3-chloro-...	326	C9H18Cl3O4P	137909-40-1	37
3	Bis(3-chloro-1-propyl)(1-chloro-...	326	C9H18Cl3O4P	137888-35-8	16
4	Methyl 2-O-acetyl-5-O-methyl-3,6...	218	C10H18O5	1000101-80-5	10
5	Propylphosphonic acid, dioctyl e...	348	C19H41O3P	1000273-19-4	10





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

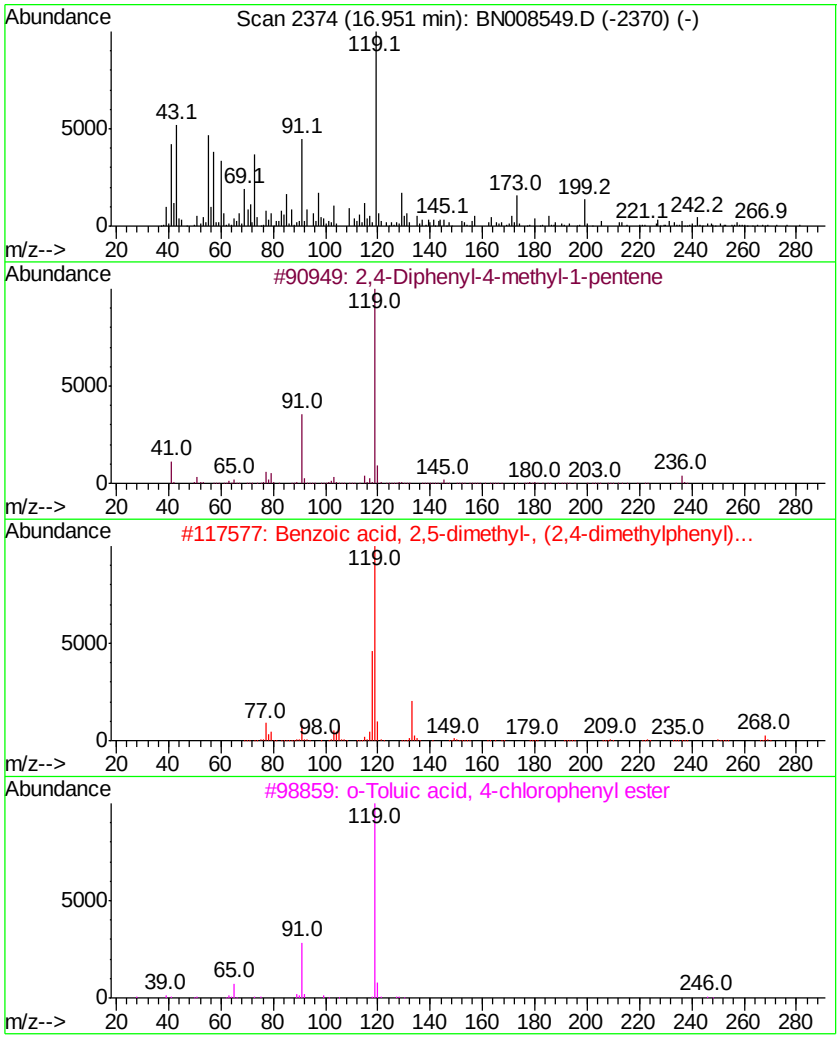
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

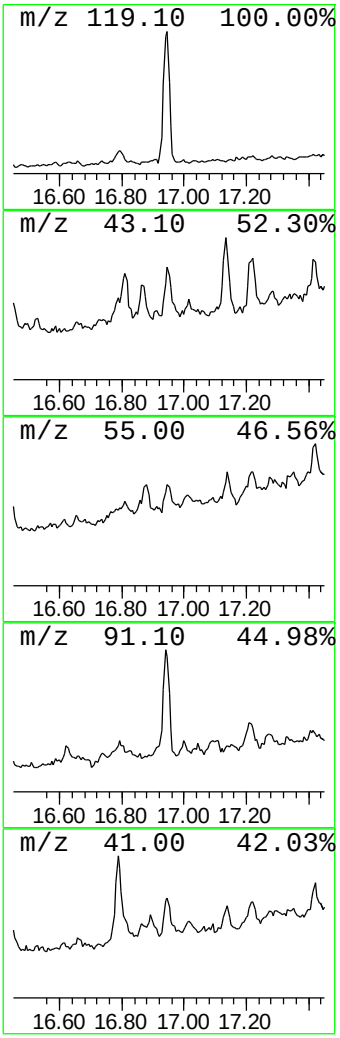
****

Peak Number 7 2,4-Diphenyl-4-methyl-1-pen... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.95	3.07 ng/ul	694795	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Diphenyl-4-methyl-1-pentene	236	C18H20	1000111-58-0	60
2	Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	53
3	o-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-45-5	49
4	m-Toluic acid, 4-methoxyphenyl e...	242	C15H14O3	1000307-56-8	49
5	o-Toluic acid, 4-methoxyphenyl e...	242	C15H14O3	1000307-45-7	49





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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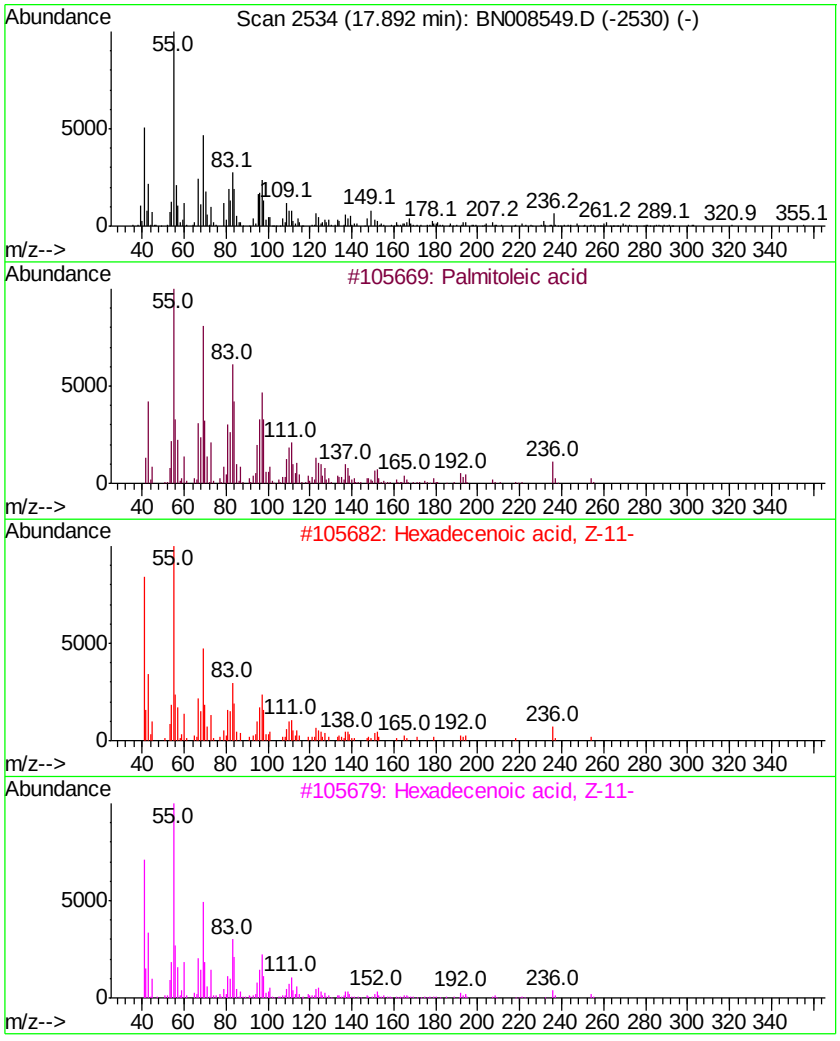
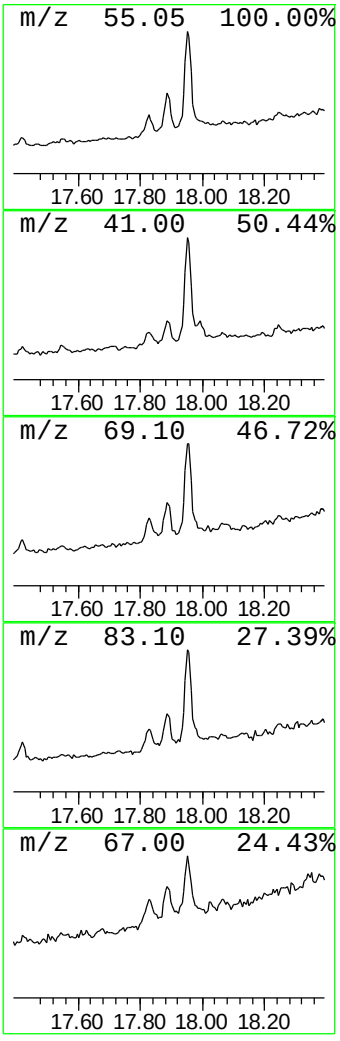
Peak Number 8 Palmitoleic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.55 ng/ul	1029080	Phenanthrene-d10	17.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	95
2	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74
3	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74
4	Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	72
5	cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	70





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Instrument : BNA_N
ClientSampleId : JLM69

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Quant Title : SVOA CALIBRATION

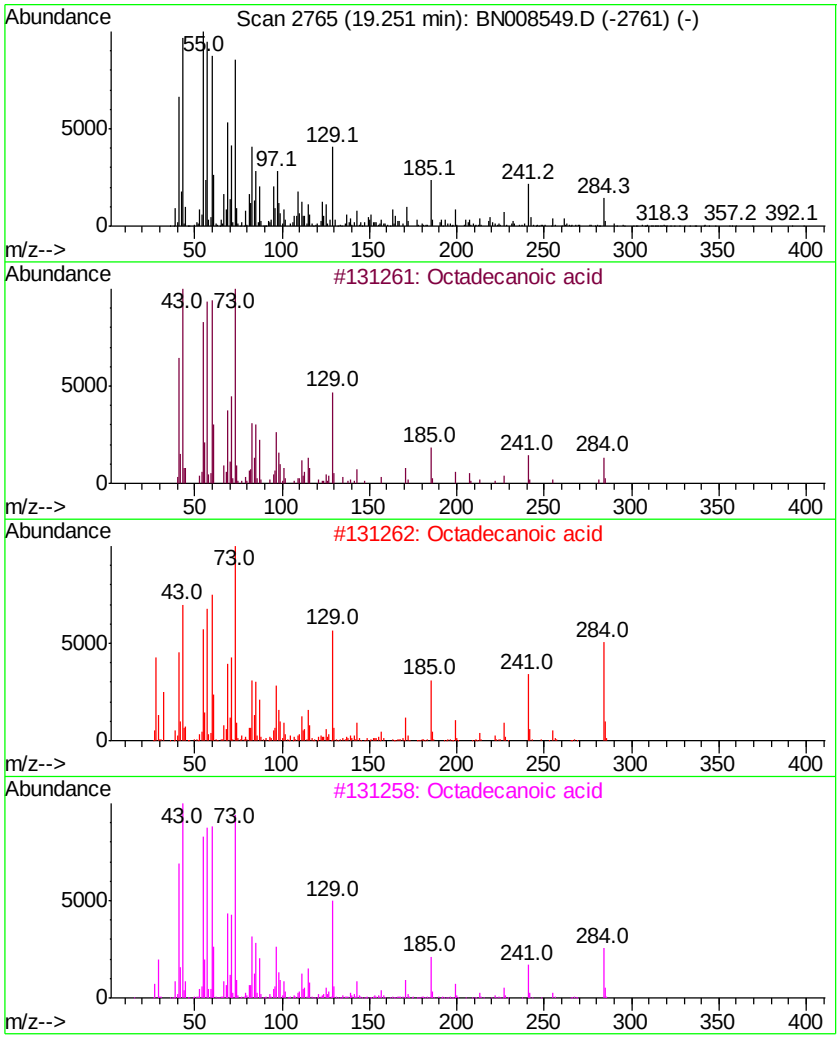
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

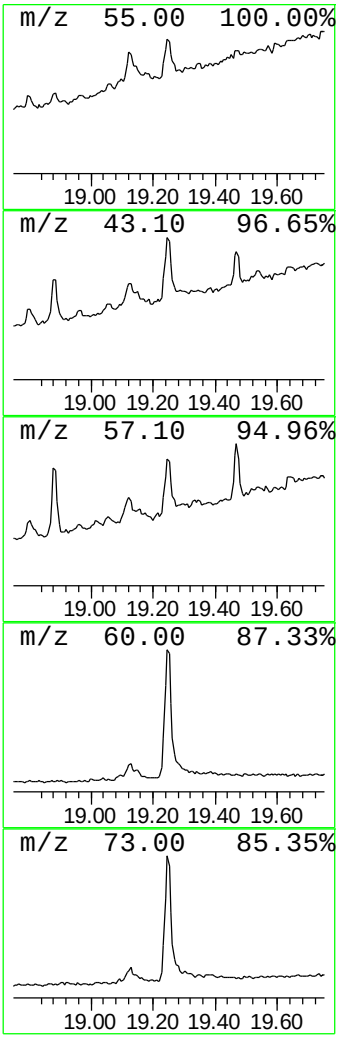
****

Peak Number 9 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	10.06 ng/ul	3274520	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	98
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94
5	Heptadecanoic acid	270	C17H34O2	000506-12-7	93





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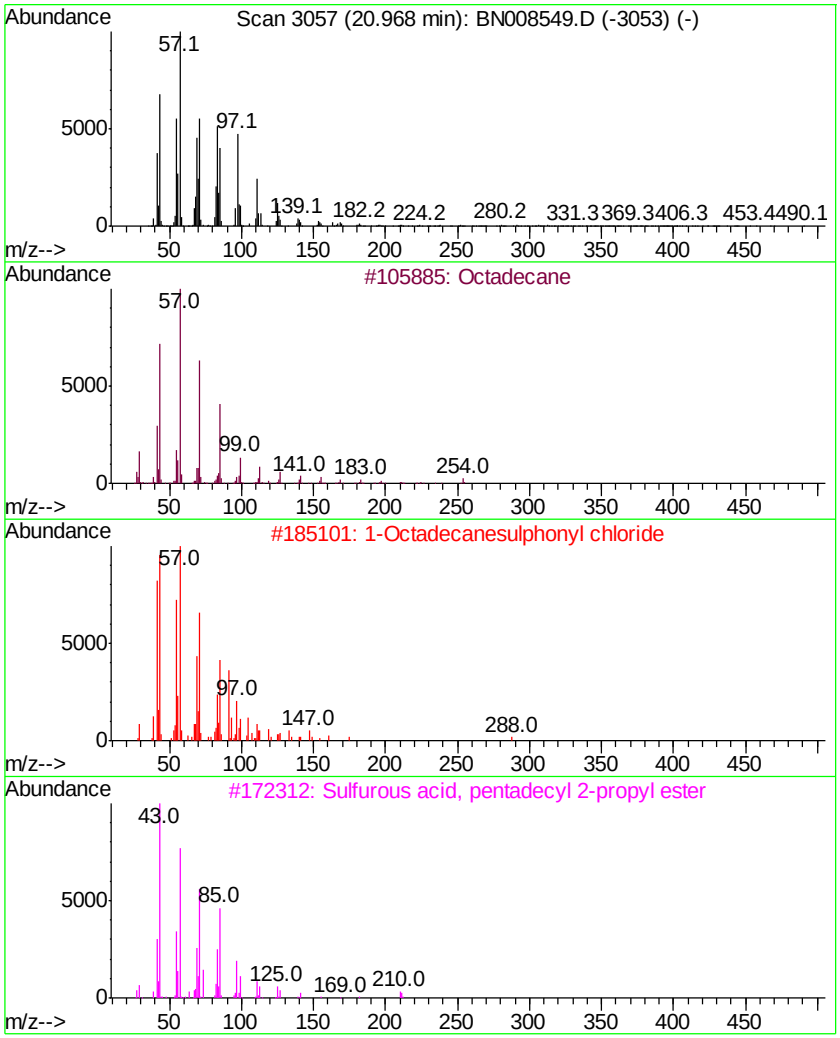
Quant Title : SVOA CALIBRATION

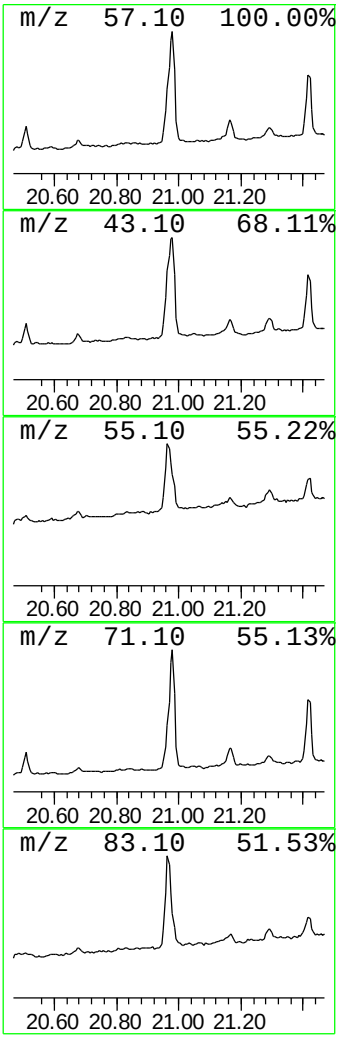
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	73.48 ng/ul	23913200	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	91
4	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91





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Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

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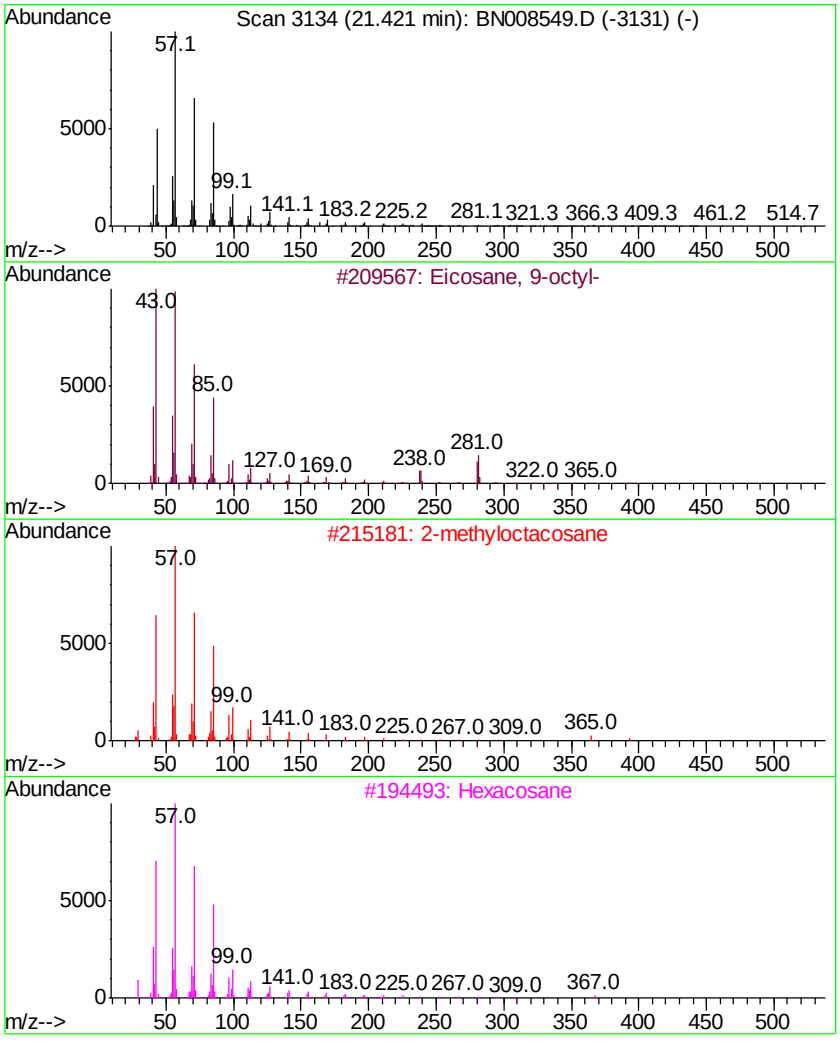
Quant Title : SVOA CALIBRATION

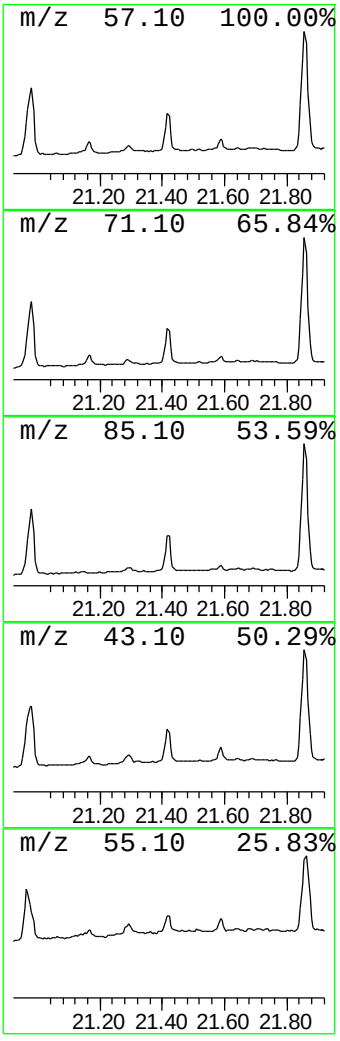
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	20.00 ng/ul	6508900	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91





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Sample : K5678-05
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Instrument : BNA_N
ClientSampleId : JLM69

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Quant Title : SVOA CALIBRATION

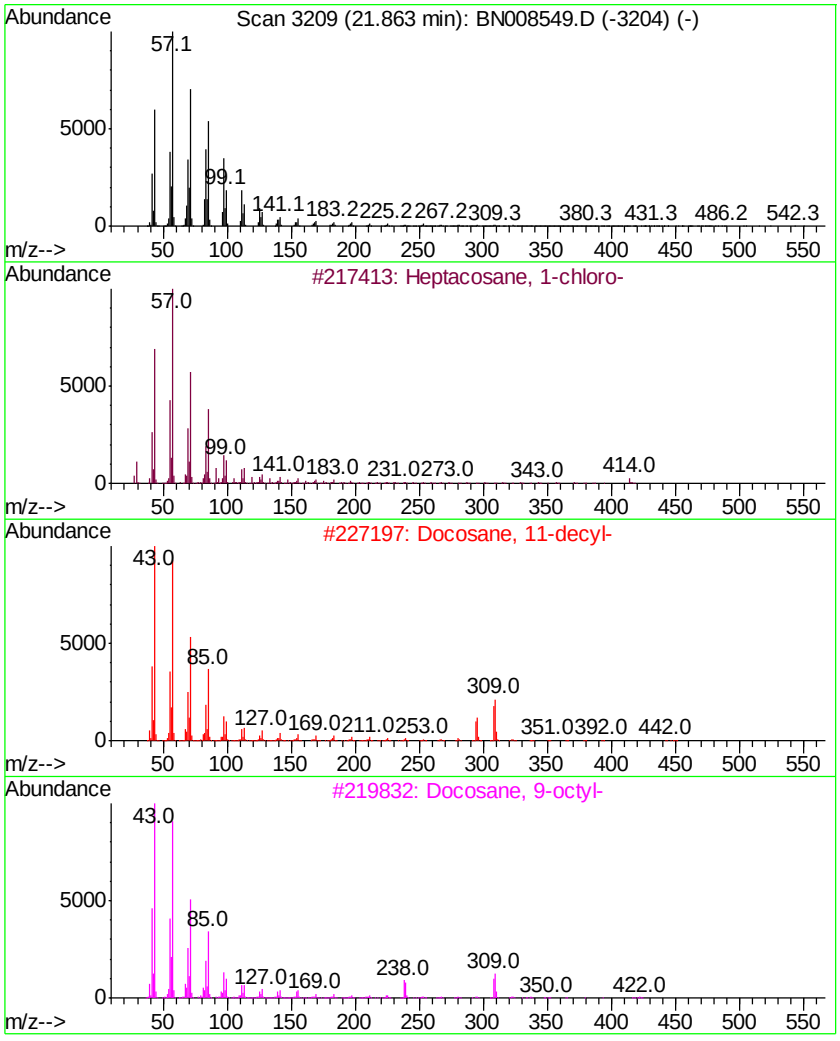
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

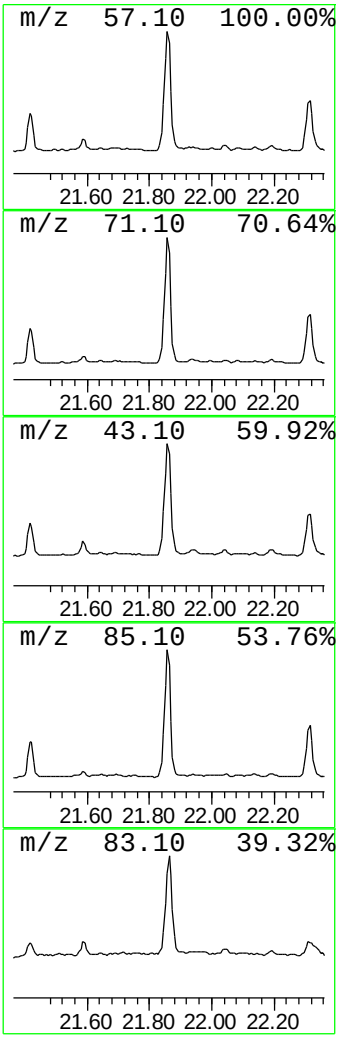
****

Peak Number 12 Heptacosane, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	129.32 ng/ul	42086200	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	93
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	93
3	Docosane, 9-octyl-	422	C30H62	055319-83-0	91
4	Tetratriacontane	479	C34H70	014167-59-0	90
5	Heneicosane	296	C21H44	000629-94-7	89





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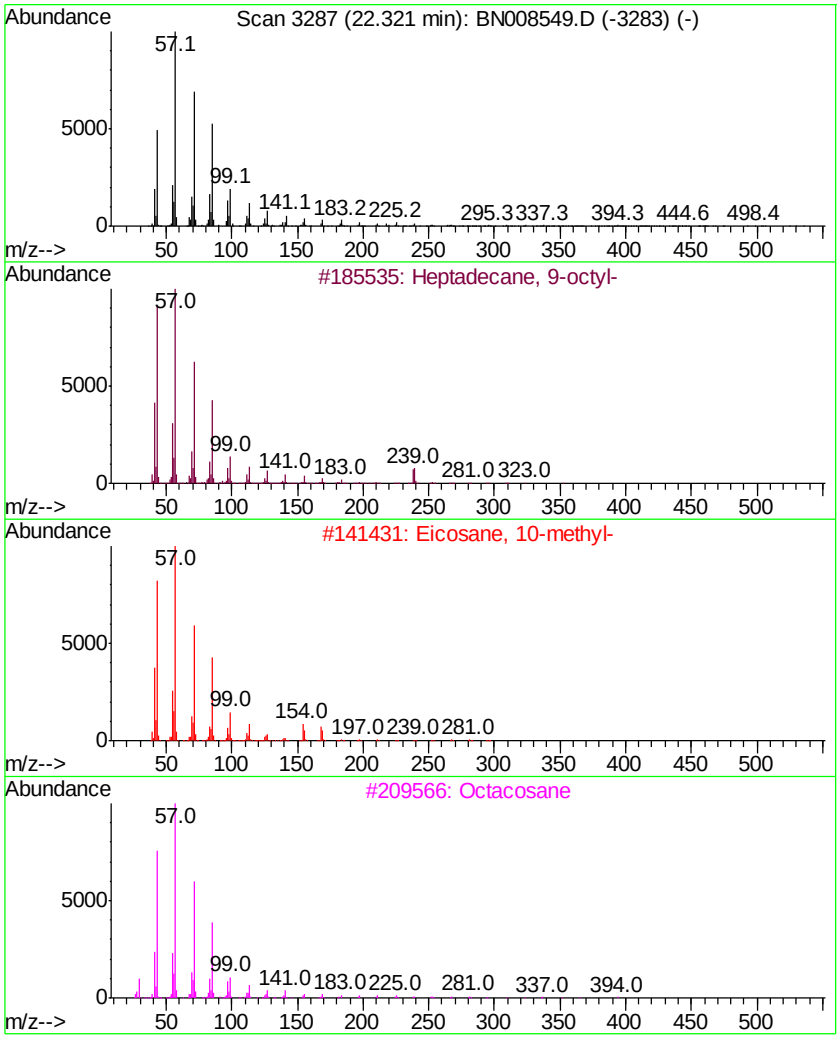
Quant Title : SVOA CALIBRATION

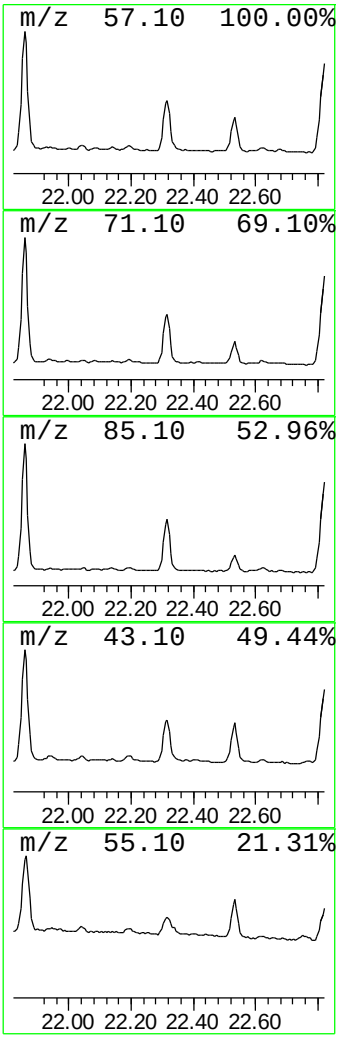
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	17.57 ng/ul	13058100	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octacosane	394	C28H58	000630-02-4	92
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Docosane	310	C22H46	000629-97-0	91





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Quant Title : SVOA CALIBRATION

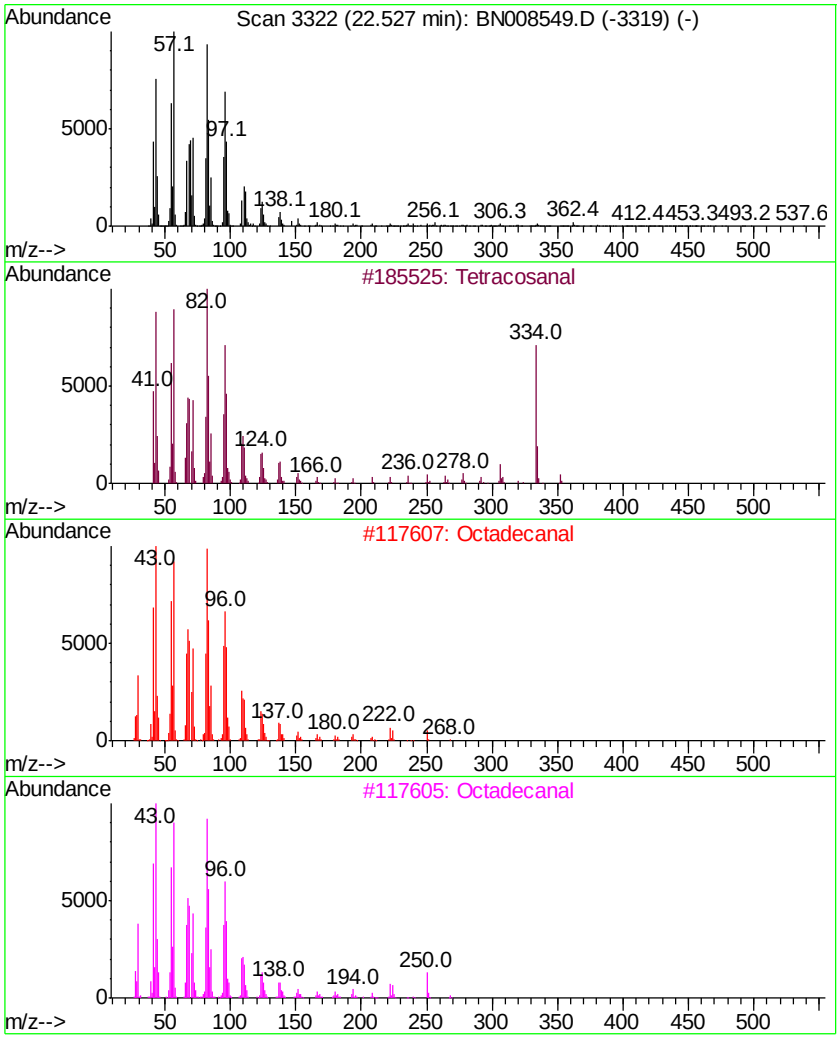
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

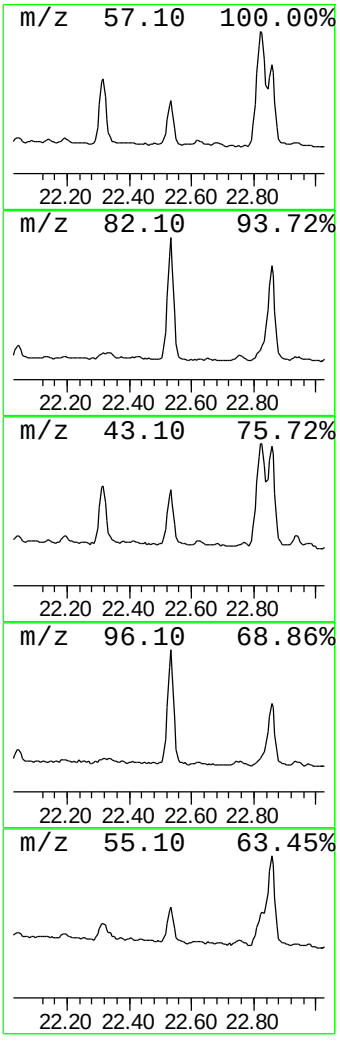
****

Peak Number 14 Tetracosanal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	29.43 ng/ul	21870200	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosanal	352	C24H48O	057866-08-7	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Octadecanal	268	C18H36O	000638-66-4	91
4	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
5	1,19-Eicosadiene	278	C20H38	014811-95-1	91





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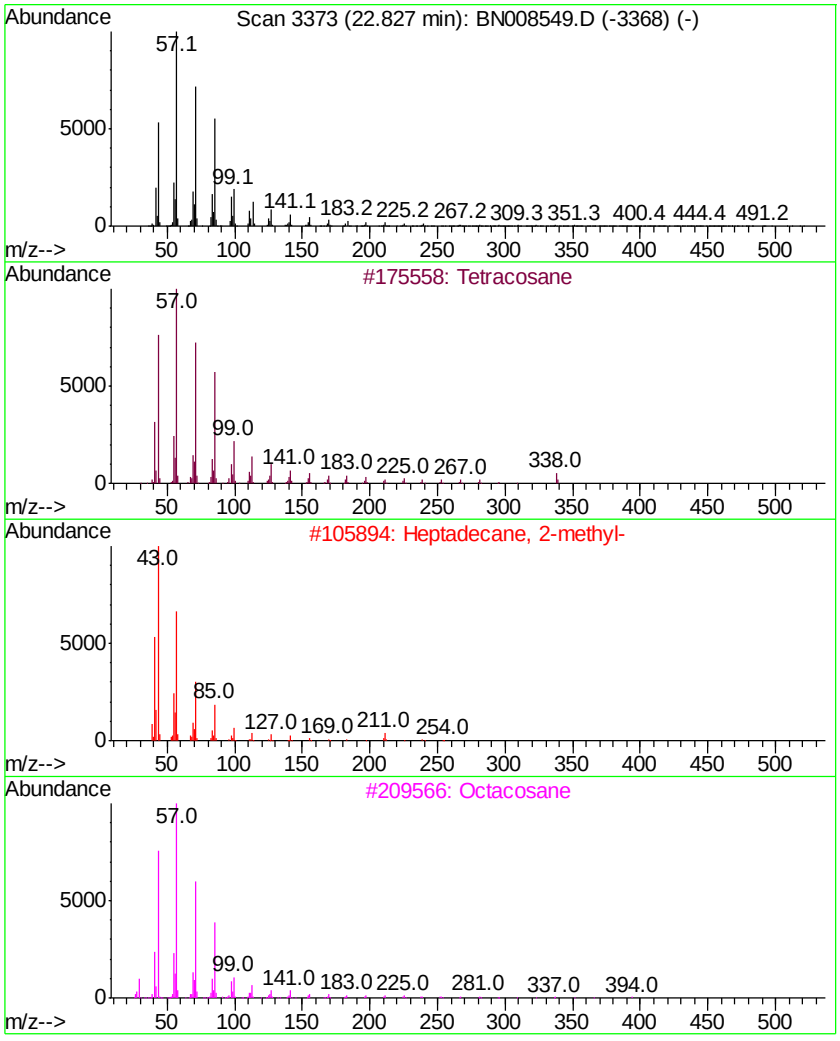
Quant Title : SVOA CALIBRATION

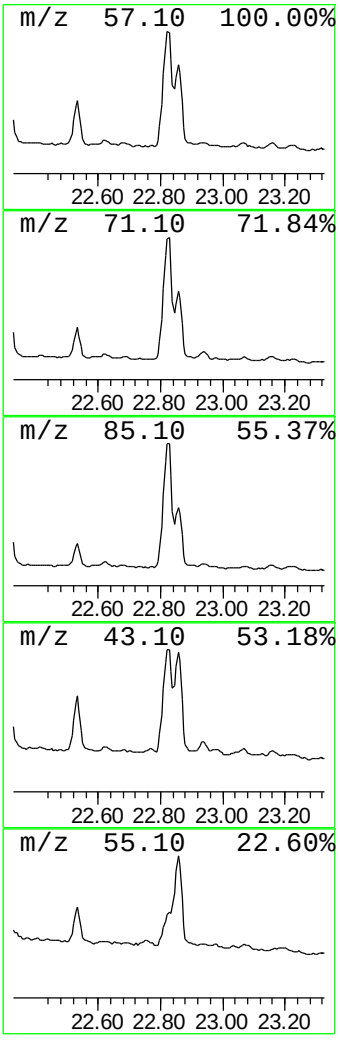
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	36.15 ng/ul	26866200	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	93
3	Octacosane	394	C28H58	000630-02-4	91
4	2-methylhexacosane	380	C27H56	1000376-72-7	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Quant Title : SVOA CALIBRATION

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

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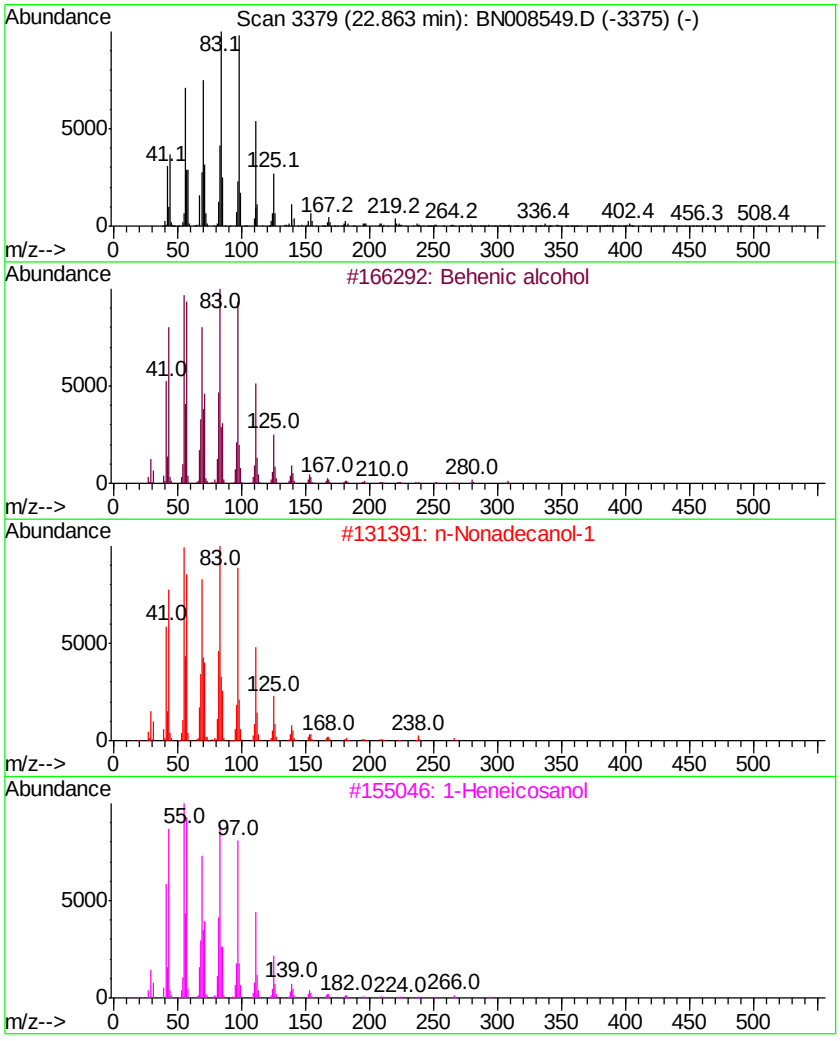
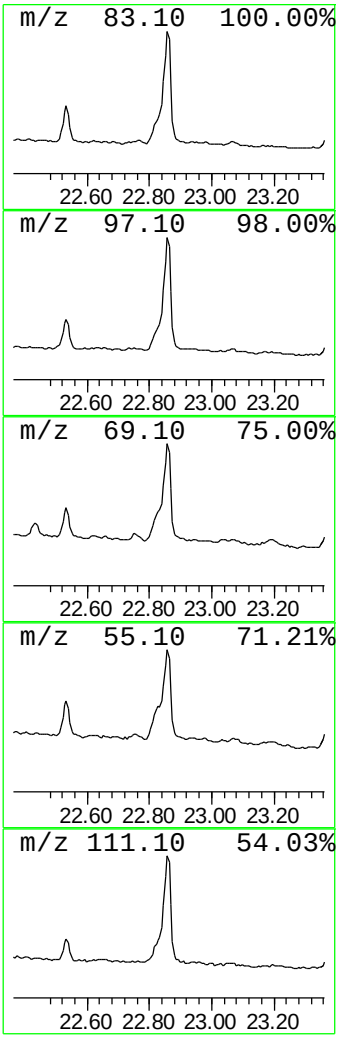
Peak Number 16 Behenic alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	54.30 ng/ul	40355300	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	91
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	90
4	Cyclotetracosane	336	C24H48	000297-03-0	89
5	1-Hexadecanol	242	C16H34O	036653-82-4	72





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Sample : K5678-05
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ALS Vial : 26 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

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

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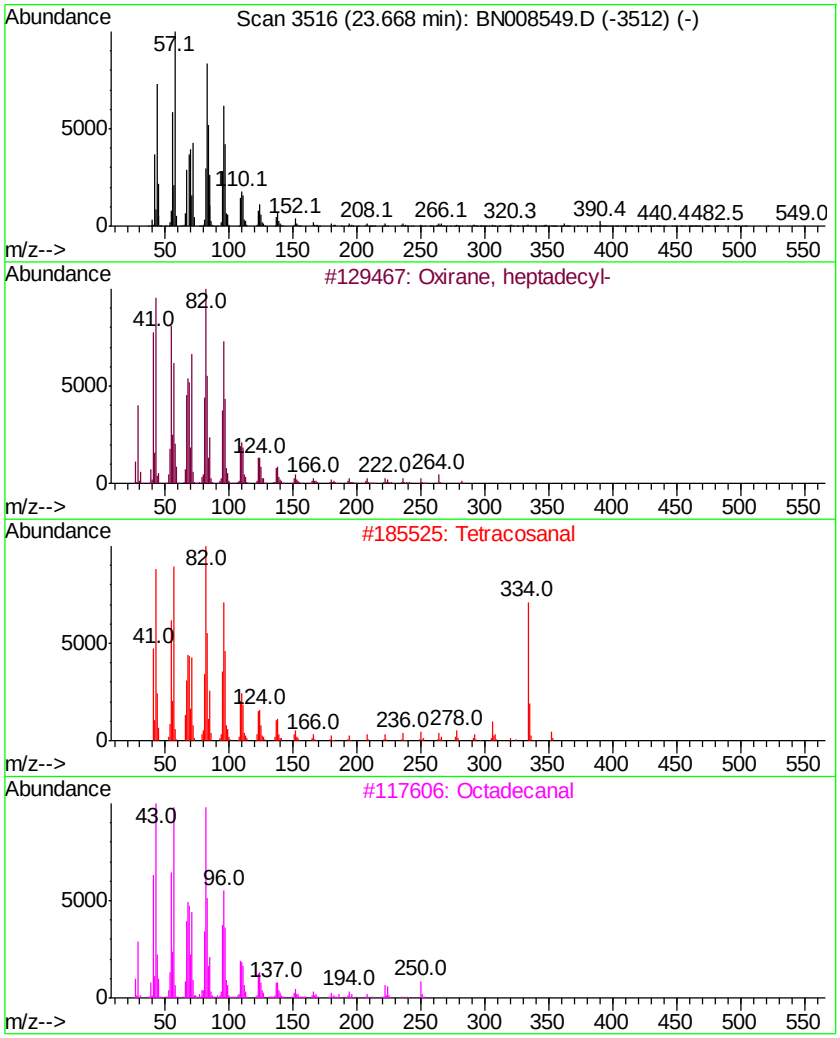
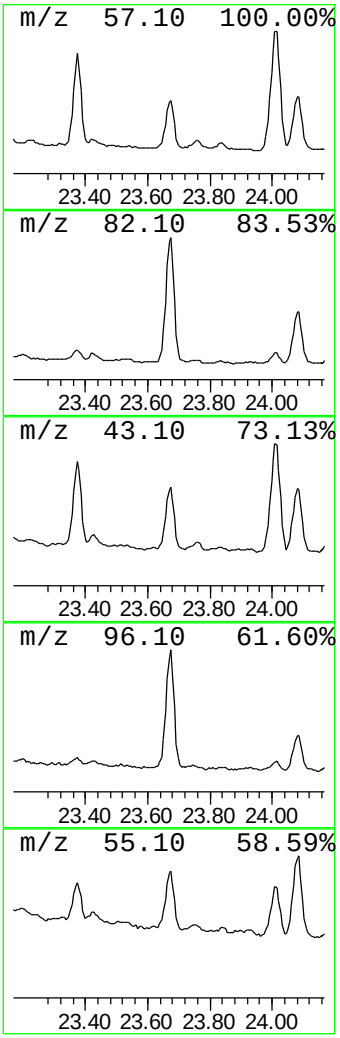
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.67	30.05 ng/ul	22329300	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	96
2	Tetracosanal	352	C24H48O	057866-08-7	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Pentadecanal-	226	C15H30O	002765-11-9	86
5	Tetradecanal	212	C14H28O	000124-25-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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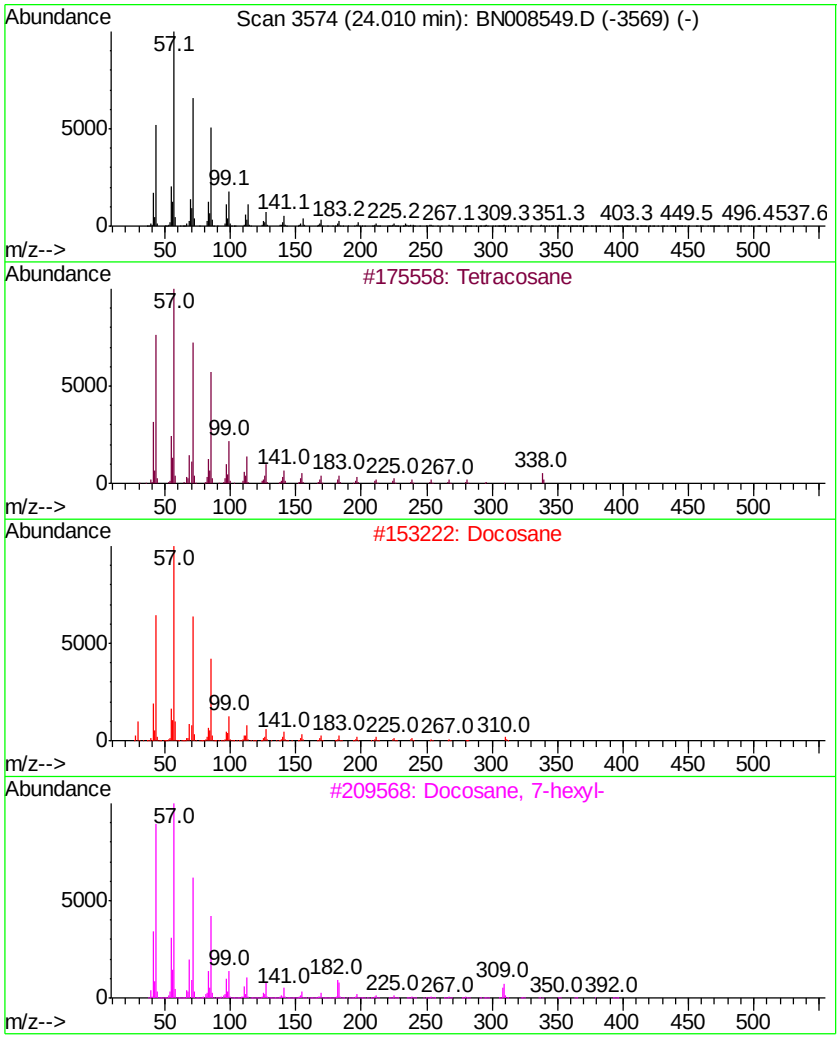
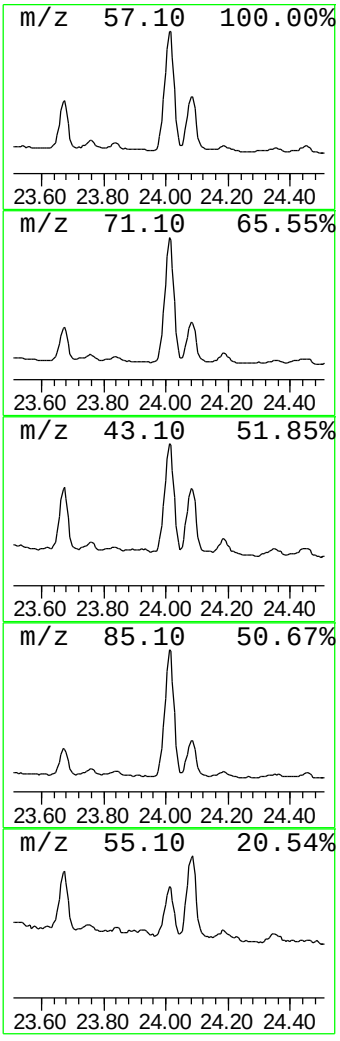
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	35.60 ng/ul	26459200	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	98
2	Docosane	310	C22H46	000629-97-0	95
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	95
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94





Library Search Compound Report

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Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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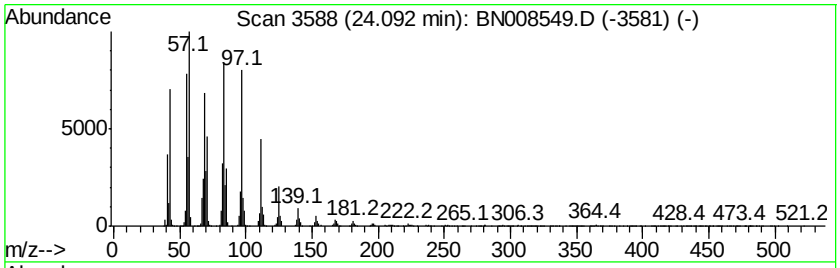
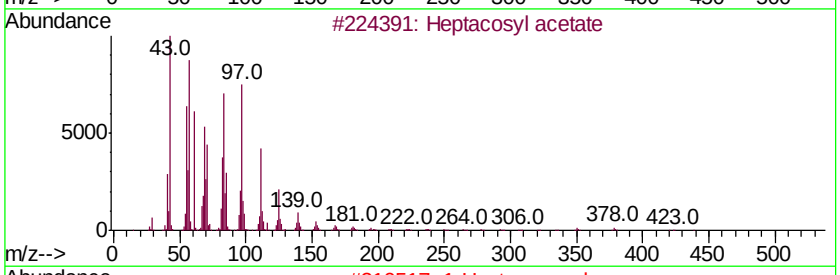
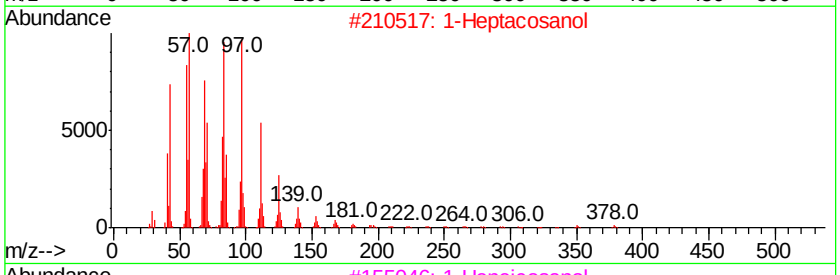
Peak Number 19 Heptacosyl acetate Concentration Rank 9

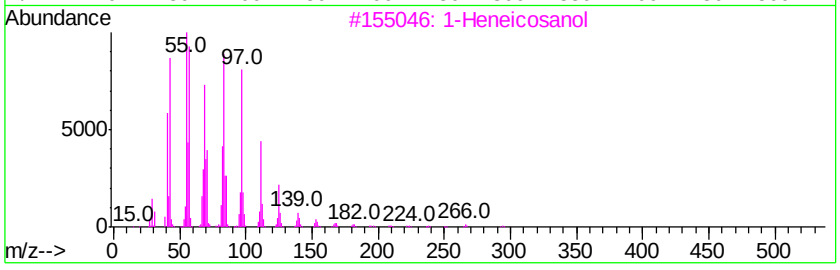
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	32.39 ng/ul	24069300	Perylene-d12	23.42

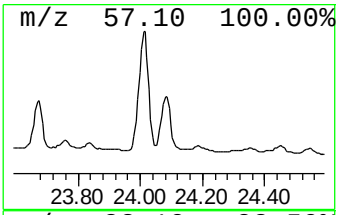
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Octacosyl acetate	452	C30H60O2	018206-97-8	94

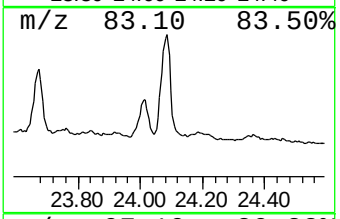


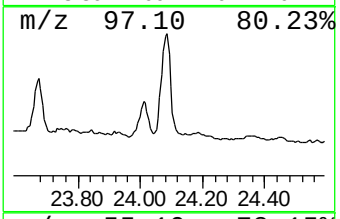


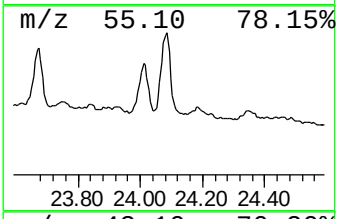


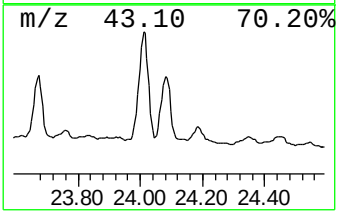












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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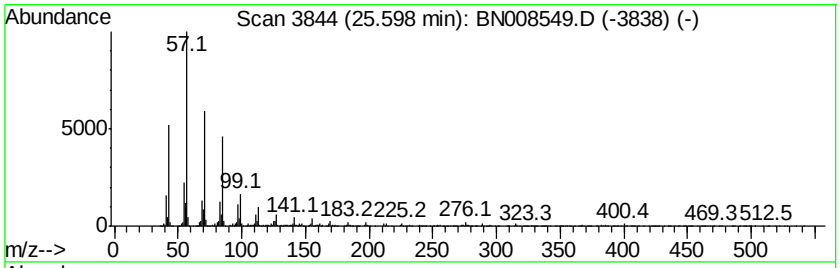
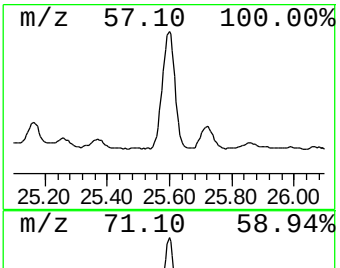
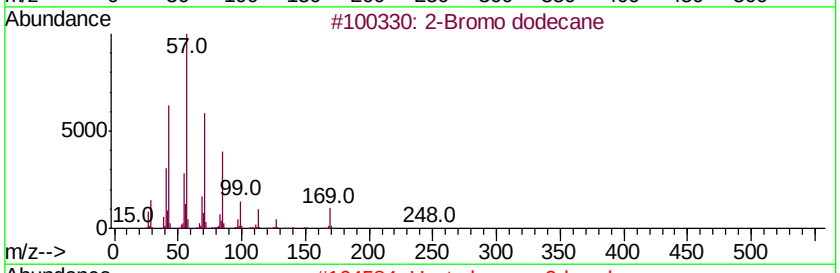
Peak Number 20 2-Bromo dodecane Concentration Rank 8

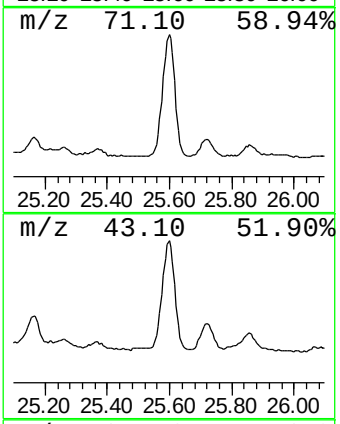
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.60	34.58 ng/ul	25698000	Perylene-d12	23.42

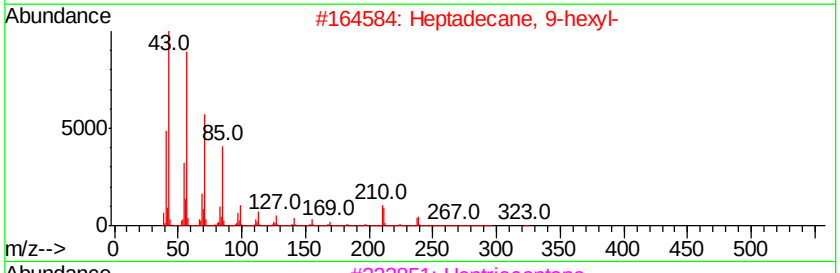
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
2	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5	Tetracosane	338	C24H50	000646-31-1	90

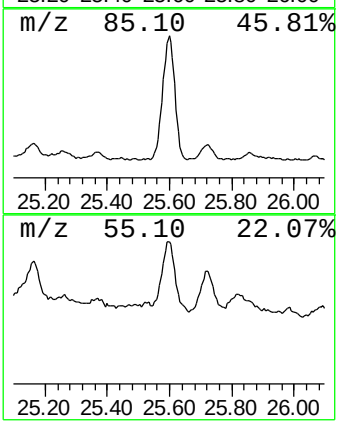


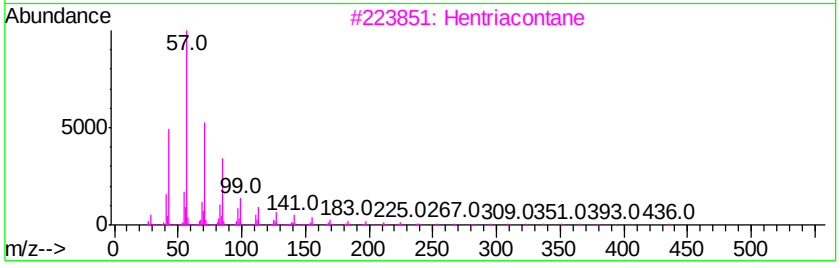












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111319\
Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

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

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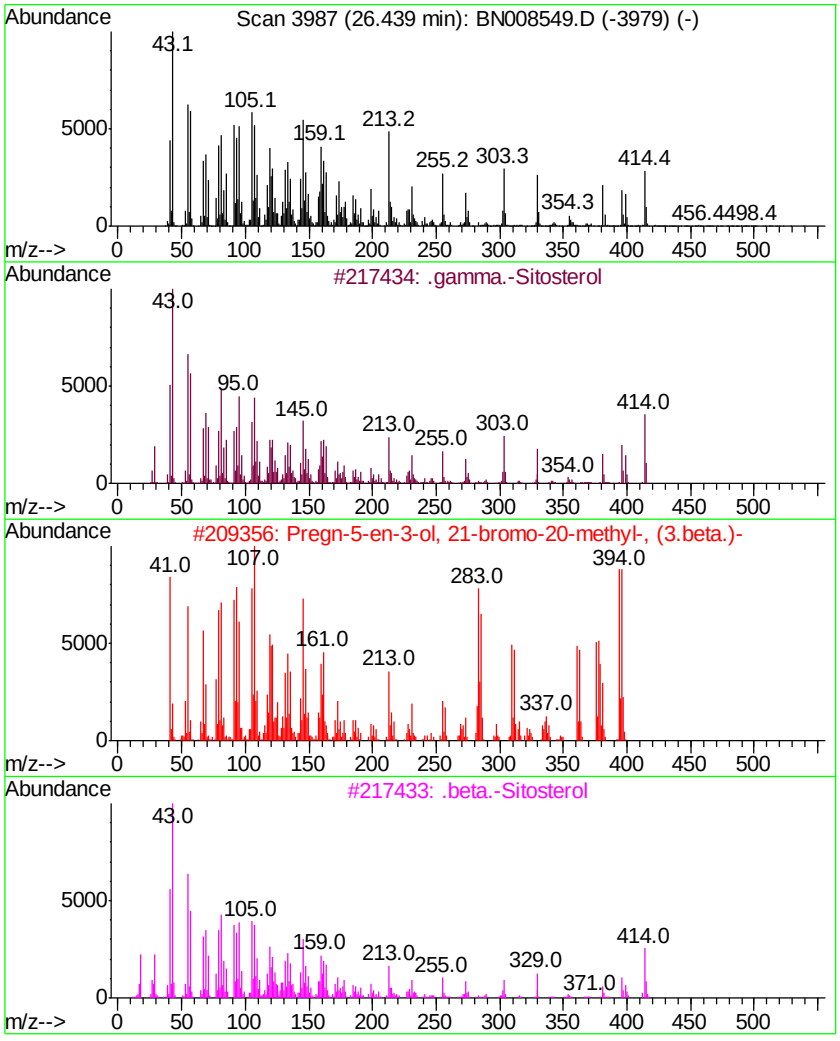
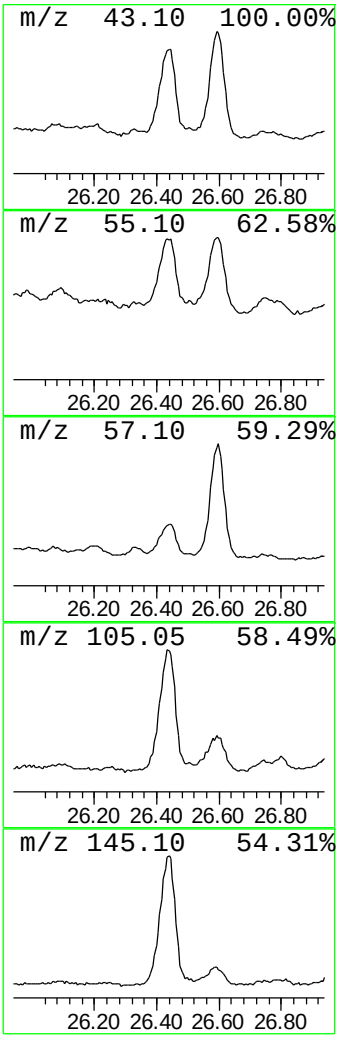
Peak Number 21 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.44	45.98 ng/ul	34171600	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4	.beta.-Sitosterol	414	C29H50O	000083-46-5	91
5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	49





Library Search Compound Report

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Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

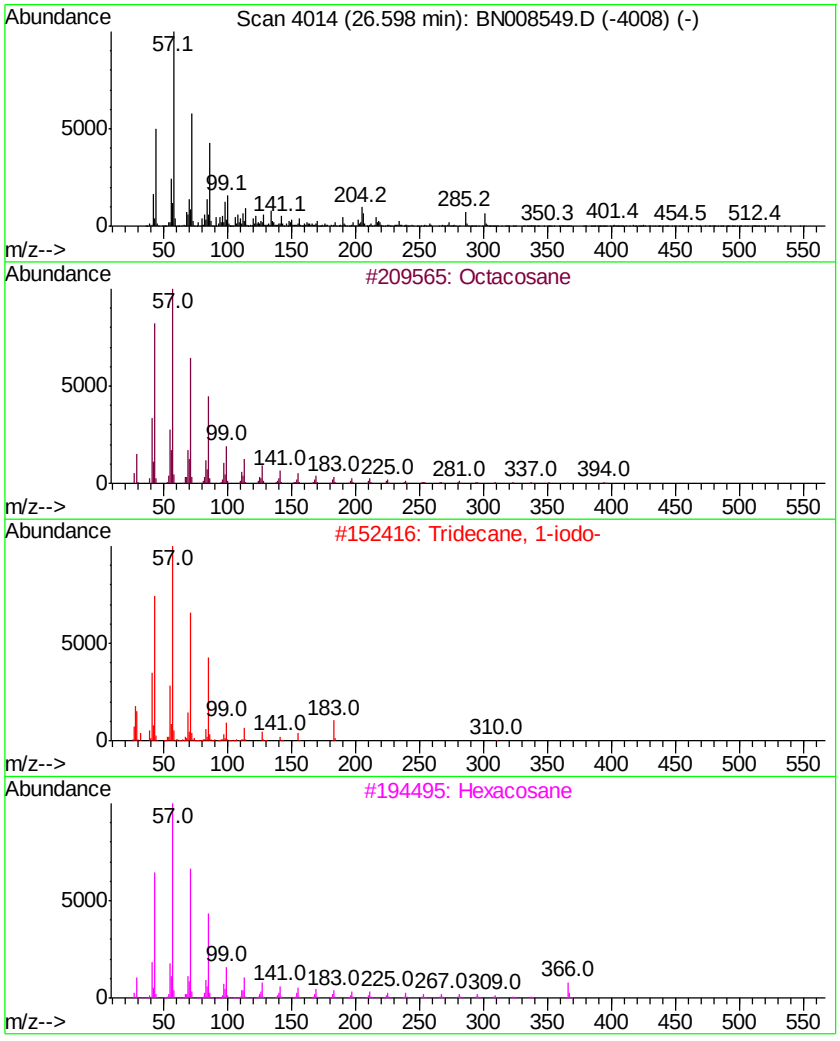
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION

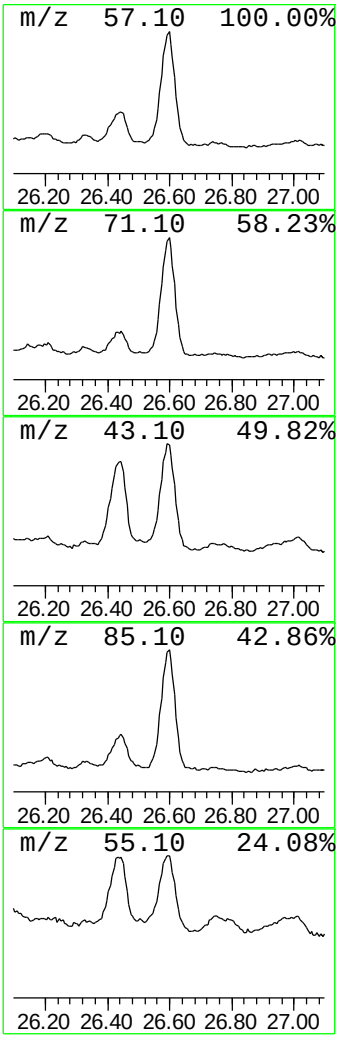
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.60	37.33 ng/ul	27743000	Perylene-d12	23.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	98
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Tentatively Identified Compound (LSC) summary

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Data File : BN008549.D
Acq On : 14 Nov 2019 07:46
Operator : JU
Sample : K5678-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLM69

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.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
2-Pentanol, 4-met...	3.78	6.3	ng/ul	757448	1	7.63	2384130	20.0
1-Hexanol, 2-ethyl-	7.72	2.7	ng/ul	324765	1	7.63	2384130	20.0
Nonanal	8.96	2.9	ng/ul	347640	1	7.63	2384130	20.0
2-Naphthalenemeth...	15.90	5.3	ng/ul	1211580	4	17.00	4528030	20.0
.alpha.-Bisabolol	16.03	5.8	ng/ul	1315860	4	17.00	4528030	20.0
unknown-01	16.79	5.4	ng/ul	1225500	4	17.00	4528030	20.0
2,4-Diphenyl-4-me...	16.95	3.1	ng/ul	694795	4	17.00	4528030	20.0
Palmitoleic acid	17.89	4.5	ng/ul	1029080	4	17.00	4528030	20.0
Octadecanoic acid	19.25	10.1	ng/ul	3274520	5	21.21	6508900	20.0
(DEL) Alkane: Str...	20.97	73.5	ng/ul	23913200	5	21.21	6508900	20.0
(DEL) Alkane: Str...	21.42	20.0	ng/ul	6508900	5	21.21	6508900	20.0
Heptacosane, 1-ch...	21.86	129.3	ng/ul	42086200	5	21.21	6508900	20.0
(DEL) Alkane: Str...	22.32	17.6	ng/ul	13058100	6	23.42	14863500	20.0
Tetracosanal	22.53	29.4	ng/ul	21870200	6	23.42	14863500	20.0
(DEL) Alkane: Str...	22.83	36.1	ng/ul	26866200	6	23.42	14863500	20.0
Behenic alcohol	22.86	54.3	ng/ul	40355300	6	23.42	14863500	20.0
Oxirane, heptadecyl-	23.67	30.1	ng/ul	22329300	6	23.42	14863500	20.0
(DEL) Alkane: Str...	24.01	35.6	ng/ul	26459200	6	23.42	14863500	20.0
Heptacosyl acetate	24.09	32.4	ng/ul	24069300	6	23.42	14863500	20.0
2-Bromo dodecane	25.60	34.6	ng/ul	25698000	6	23.42	14863500	20.0
.gamma.-Sitosterol	26.44	46.0	ng/ul	34171600	6	23.42	14863500	20.0
(DEL) Alkane: Str...	26.60	37.3	ng/ul	27743000	6	23.42	14863500	20.0