LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006098.D
Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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-BN060419MA.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	3.417	69	73	79	rVV	572921	739533	9.23%	0.496%
2	3.640	107	111	113	rVV	223825	285482	3.56%	0.192%
3	3.670	113	116	121	rVV2	425085	560903	7.00%	0.376%
4	3.734	121	127	132	rVV	257455	385141	4.81%	0.258%
5	4.175	195	202	211	rVB5	187574	467862	5.84%	0.314%
6	4.652	280	283	291	rVB	337856	482560	6.02%	0.324%
7	4.828	308	313	317	rVV	556737	782362	9.77%	0.525%
8	4.875	317	321	326	rVV3	249020	423109	5.28%	0.284%
9	5.175	365	372	380	rVB	1004564	1431851	17.87%	0.961%
10	5.581	437	441	445	rVV	219894	332264	4.15%	0.223%
11	5.746	464	469	473	rVV	201970	319807	3.99%	0.215%
12	5.928	493	500	512	rVB5	123218	358076	4.47%	0.240%
13	6.146	527	537	547	rBV2	1276379	2183484	27.26%	1.465%
14	6.322	563	567	574	rVB2	256671	395863	4.94%	0.266%
15	6.628	613	619	625	rBV	1469949	2160864	26.97%	1.450%
16	6.816	642	651	664	rBV	362635	849744	10.61%	0.570%
17	6.981	672	679	684	rBV	1090383	1733932	21.64%	1.163%
18	7.034	684	688	696	rVB	500621	758327	9.47%	0.509%
19	7.175	707	712	719	rVV	1140030	1778484	22.20%	1.193%
20	7.240	719	723	727	rVV2	155394	275103	3.43%	0.185%
21	7.293	727	732	740	rVB	3182903	4727257	59.01%	3.172%
22	7.546	772	775	780	rVB2	241998	341755	4.27%	0.229%
23	7.646	785	792	801	rBV	1280275	2193843	27.38%	1.472%
24	7.758	806	811	821	rVB2	472289	828041	10.34%	0.556%
25	8.016	848	855	868	rBV	4955897	8011207	100.00%	5.375%
26	8.134	868	875	880	rBV	689356	1039293	12.97%	0.697%
27	8.281	894	900	905	rBV	689012	1096996	13.69%	0.736%
28	8.352	905	912	922	rVV2	980856	1976262	24.67%	1.326%
29	8.440	922	927	937	rVB	397920	665640	8.31%	0.447%
30	8.593	943	953	958	rBV	669280	999039	12.47%	0.670%
31	8.646	958	962	970	rVB	270004	431888	5.39%	0.290%
32	8.746	970	979	983	rBV	1525522	2339443	29.20%	1.570%
33	8.805	983	989	990	rBV	1328305	2055365	25.66%	1.379%
34	8.987	1013	1020	1028	rVB3	156027	350635	4.38%	0.235%

LSC Area Percent Report

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Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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-BN060419MA.M
Title : SVOA CALIBRATION

35	9.075	1028	1035	1041	rBV4	148042	325498	4.06%	0.218%
36	9.263	1062	1067	1072	rVB	1075600	1571100	19.61%	1.054%
37	9.322	1072	1077	1087	rVB2	936645	1614904	20.16%	1.084%
38	9.516	1102	1110	1117	rBV2	1175348	2003121	25.00%	1.344%
39	9.628	1123	1129	1133	rBV	276214	510667	6.37%	0.343%
40	9.681	1133	1138	1142	rBV	706994	1013964	12.66%	0.680%
41	9.834	1154	1164	1171	rBV2	2008060	3655610	45.63%	2.453%
42	9.905	1171	1176	1187	rVV2	250606	595252	7.43%	0.399%
43	10.016	1187	1195	1196	rVV3	124777	321390	4.01%	0.216%
44	10.052	1196	1201	1210	rVV2	1611560	2831622	35.35%	1.900%
45	10.316	1234	1246	1248	rBV3	122195	308172	3.85%	0.207%
46	10.346	1248	1251	1255	rVV	182567	297327	3.71%	0.199%
47	10.428	1255	1265	1269	rVV2	1935658	3903580	48.73%	2.619%
48	10.481	1269	1274	1280	rVV2	1877602	3453803	43.11%	2.317%
49	10.546	1280	1285	1298	rVB	527676	1064644	13.29%	0.714%
50	11.004	1357	1363	1367	rBV3	138841	257269	3.21%	0.173%
51	11.087	1367	1377	1383	rBV2	262941	548903	6.85%	0.368%
52	11.346	1414	1421	1428	rVB	431855	739161	9.23%	0.496%
53	11.540	1448	1454	1460	rVB	389144	653282	8.15%	0.438%
54	11.757	1487	1491	1496	rVB	148510	248614	3.10%	0.167%
55	11.822	1496	1502	1505	rBV	216999	332210	4.15%	0.223%
56	11.957	1511	1525	1526	rBV3	106468	306819	3.83%	0.206%
57	11.987	1526	1530	1535	rVV2	261518	425347	5.31%	0.285%
58	12.322	1577	1587	1592	rVV	1364727	2473337	30.87%	1.660%
59	12.393	1592	1599	1604	rVV	480581	1339850	16.72%	0.899%
60	12.451	1604	1609	1621	rVV2	676475	1468288	18.33%	0.985%
61	13.063	1706	1713	1717	rBV	474391	825300	10.30%	0.554%
62	13.163	1726	1730	1735	rVB2	275517	404814	5.05%	0.272%
63	13.222	1735	1740	1744	rBV2	156058	290761	3.63%	0.195%
64	13.351	1758	1762	1767	rVB2	173772	251499	3.14%	0.169%
65	13.475	1777	1783	1789	rVV3	326187	836484	10.44%	0.561%
66	13.528	1789	1792	1799	rVV2	331699	488122	6.09%	0.328%
67	13.616	1800	1807	1811	rVV	594409	1079197	13.47%	0.724%
68	13.663	1811	1815	1818	rVV3	191787	388324	4.85%	0.261%
69	13.710	1818	1823	1832	rVB	2846938	4034800	50.36%	2.707%
70	13.851	1840	1847	1851	rBV	267768	459176	5.73%	0.308%
71	13.928	1856	1860	1865	rVV	312374	419190	5.23%	0.281%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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-BN060419MA.M
Title : SVOA CALIBRATION

72	13.987	1865	1870	1880	rVB	3116965	5299453	66.15%	3.556%
73	14.298	1916	1923	1931	rBV2	2669476	4344157	54.23%	2.915%
74	14.493	1949	1956	1969	rVB4	983410	2429909	30.33%	1.630%
75	14.704	1988	1992	1999	rVB	222690	349836	4.37%	0.235%
76	14.810	2000	2010	2019	rBV	1066237	2323535	29.00%	1.559%
77	14.928	2025	2030	2035	rBV4	263806	434668	5.43%	0.292%
78	15.128	2061	2064	2068	rVV2	167116	259430	3.24%	0.174%
79	15.187	2068	2074	2078	rVV2	121188	289623	3.62%	0.194%
80	15.240	2078	2083	2088	rVV	364777	622478	7.77%	0.418%
81	15.298	2088	2093	2098	rVV	3959947	5593814	69.82%	3.753%
82	15.351	2098	2102	2107	rVB2	254971	397376	4.96%	0.267%
83	15.428	2108	2115	2120	rBV	1177482	1698701	21.20%	1.140%
84	15.475	2120	2123	2127	rVB	199880	260605	3.25%	0.175%
85	15.657	2149	2154	2162	rVB5	114024	254091	3.17%	0.170%
86	15.845	2183	2186	2202	rVB3	192904	465106	5.81%	0.312%
87	16.051	2215	2221	2225	rBV5	148341	258052	3.22%	0.173%
88	16.410	2277	2282	2288	rBV2	177280	292181	3.65%	0.196%
89	17.057	2386	2392	2397	rBV2	2995857	4492770	56.08%	3.014%
90	17.151	2402	2408	2419	rVV2	4147654	6131141	76.53%	4.114%
91	17.963	2542	2546	2558	rVB9	134678	330614	4.13%	0.222%
92	19.463	2796	2801	2809	rBV	4752179	6739497	84.13%	4.522%
93	21.286	3105	3111	3124	rBV2	3248411	4698007	58.64%	3.152%
94	22.357	3289	3293	3301	rVB	336696	427117	5.33%	0.287%
95	22.863	3375	3379	3386	rVB	428839	621945	7.76%	0.417%
96	23.392	3462	3469	3484	rBV2	3490170	7574940	94.55%	5.082%
97	23.533	3486	3493	3509	rVB2	2406527	4762510	59.45%	3.195%
98	24.068	3579	3584	3592	rBV	431689	824542	10.29%	0.553%
99	24.815	3705	3711	3720	rVB	359055	789351	9.85%	0.530%
100	25.674	3852	3857	3867	rVB2	237886	572347	7.14%	0.384%

Sum of corrected areas: 149040612

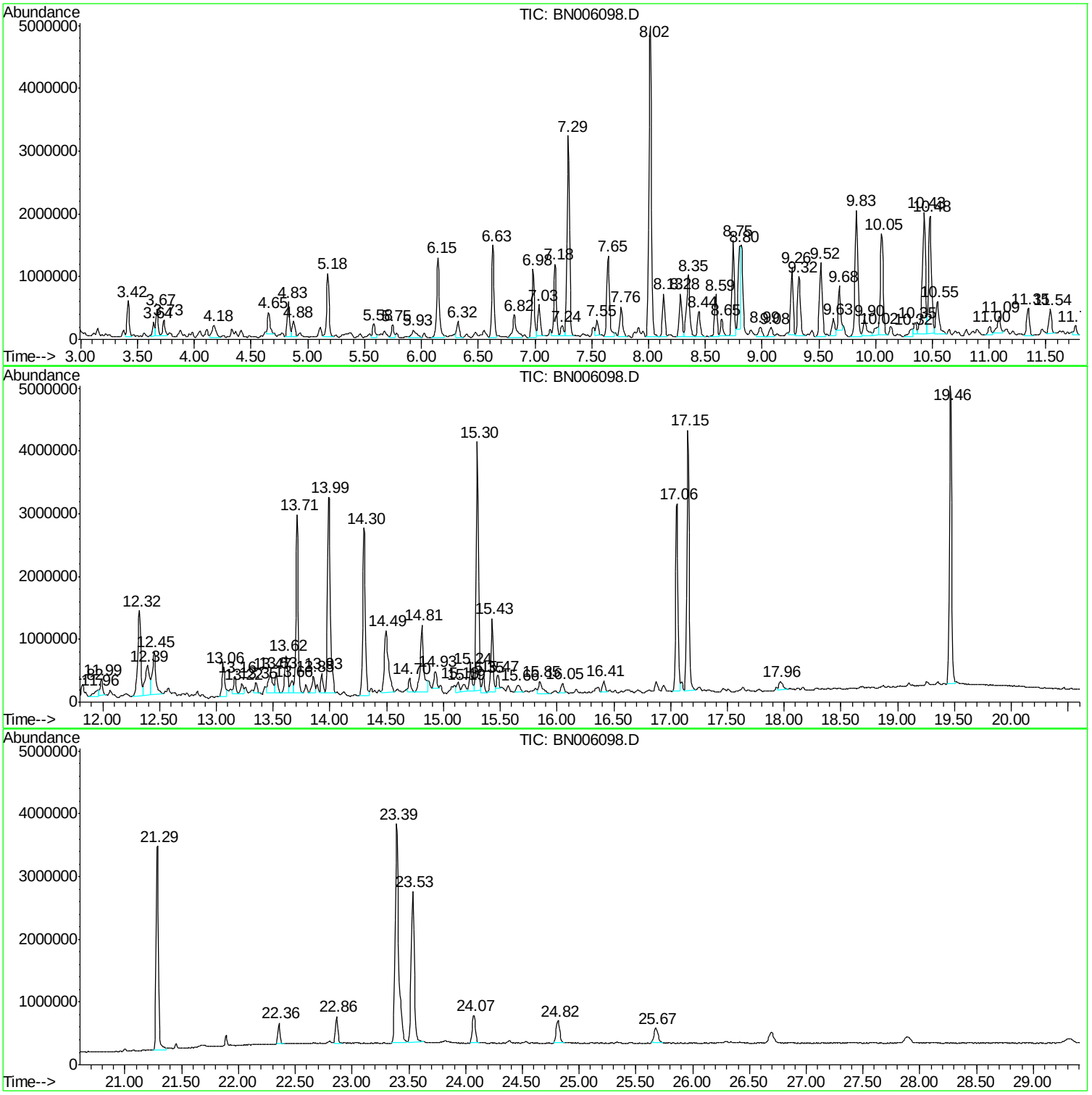
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006098.D
Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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\BN060519\
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Acq On : 05 Jun 2019 14:26
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

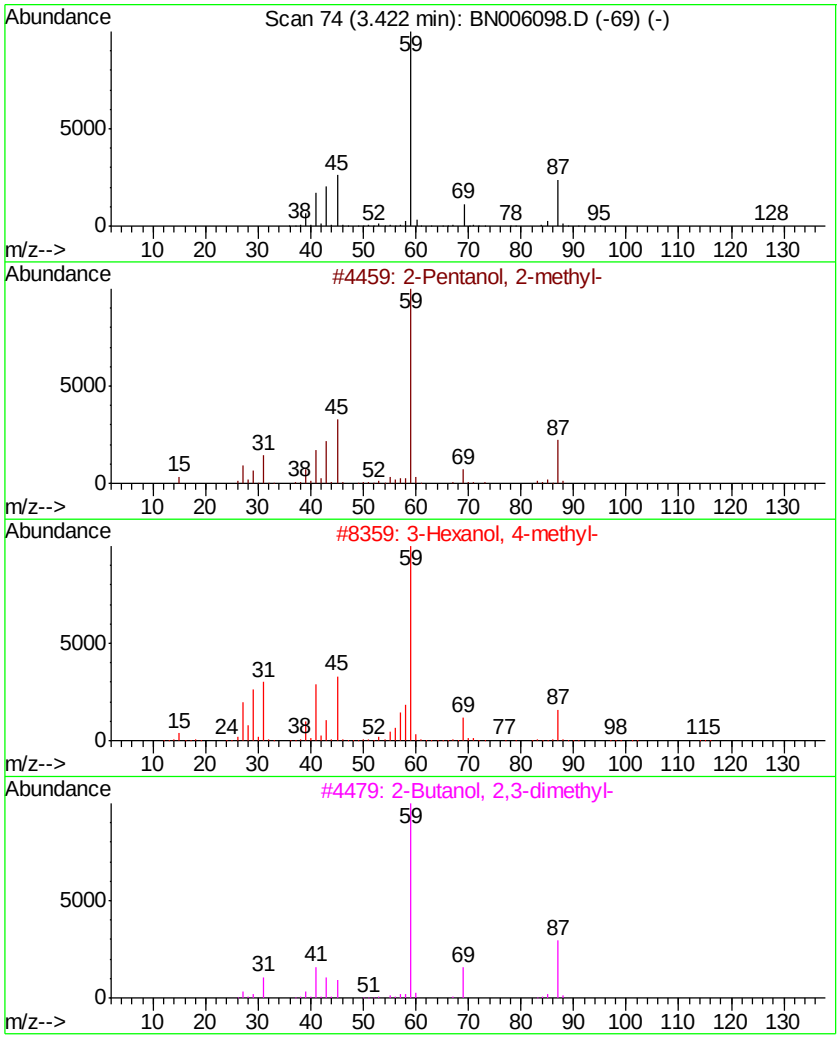
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

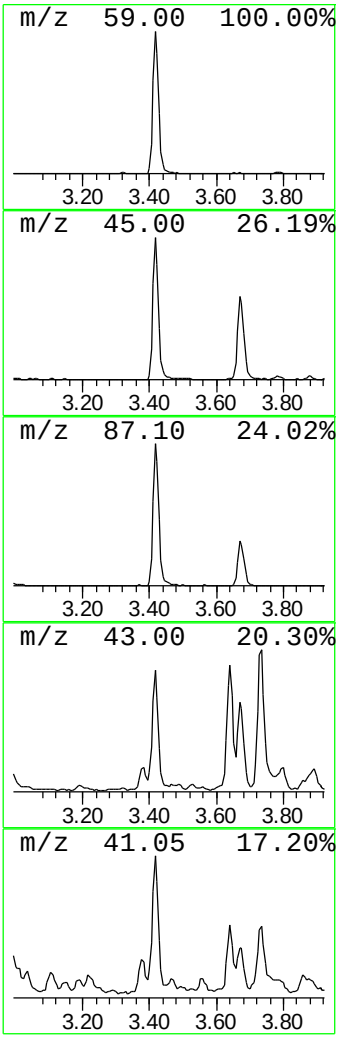
****

Peak Number 1 2-Pentanol, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.42	6.74 ng/ul	739533	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	83
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	56
3	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	56
4	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	45
5	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
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Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

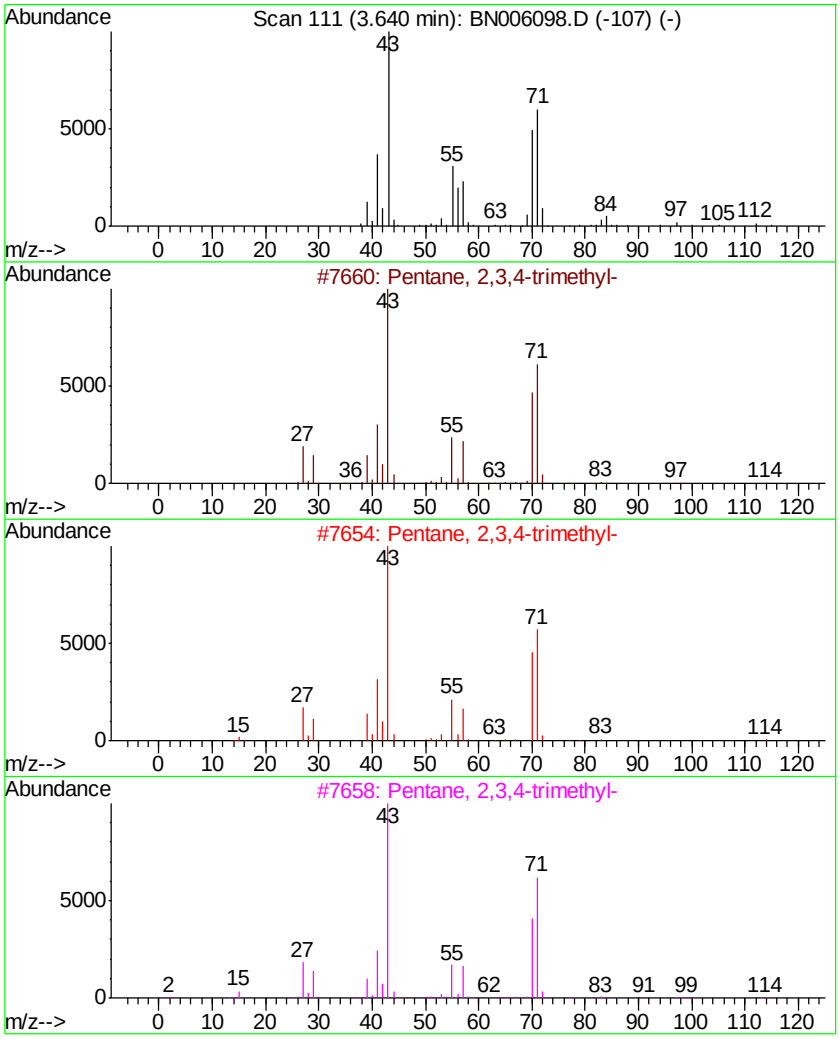
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

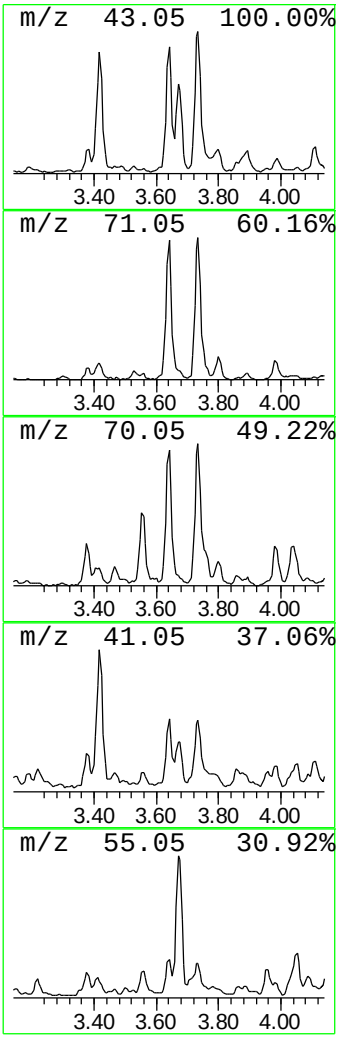
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	2.60 ng/ul	285482	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	64
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
4	Propanoic acid, 2-methyl-, 2-eth...	200	C12H24O2	035061-61-1	50
5	Pentane, 3-ethyl-	100	C7H16	000617-78-7	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006098.D
Acq On : 05 Jun 2019 14:26
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Sample : K3045-09
Misc :
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Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

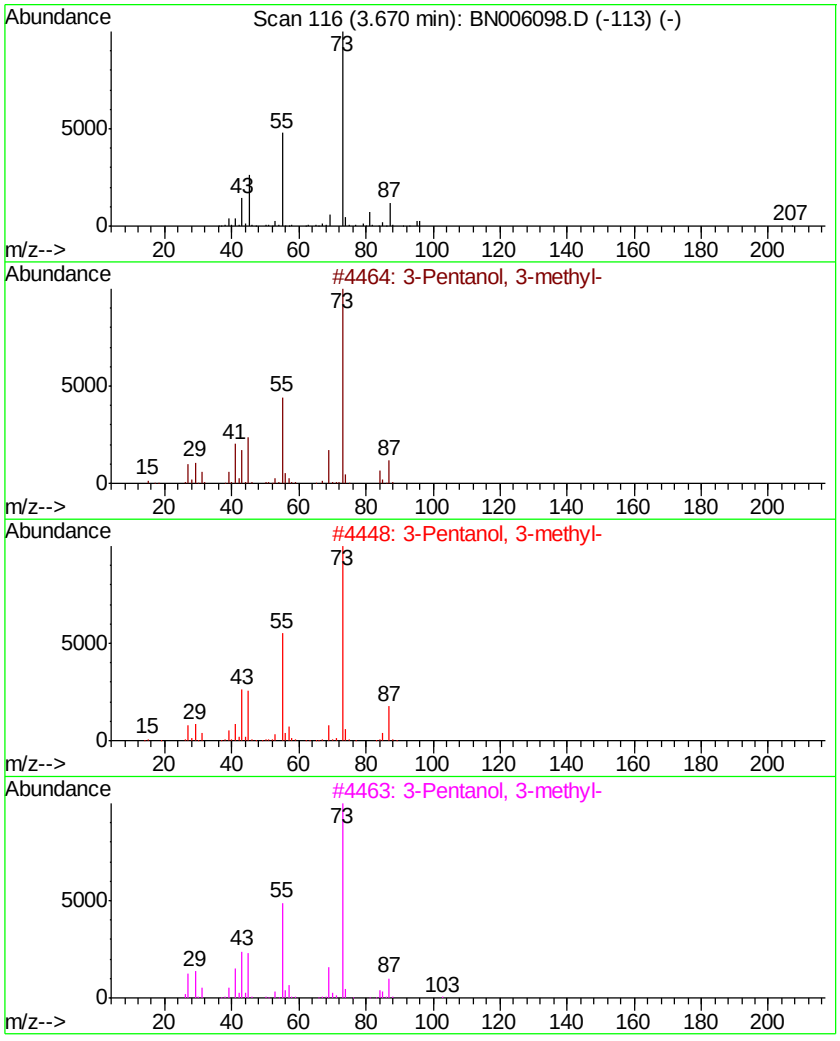
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

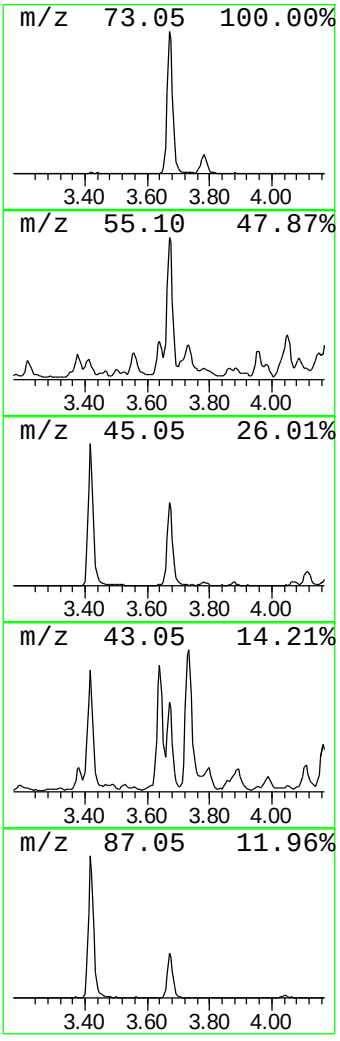
****

Peak Number 3 3-Pentanol, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.67	5.11 ng/ul	560903	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	50
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	42
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
4	4-[1,3]Dioxolan-2-yl-3,4-dimethy...	196	C11H16O3	054710-16-6	28
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

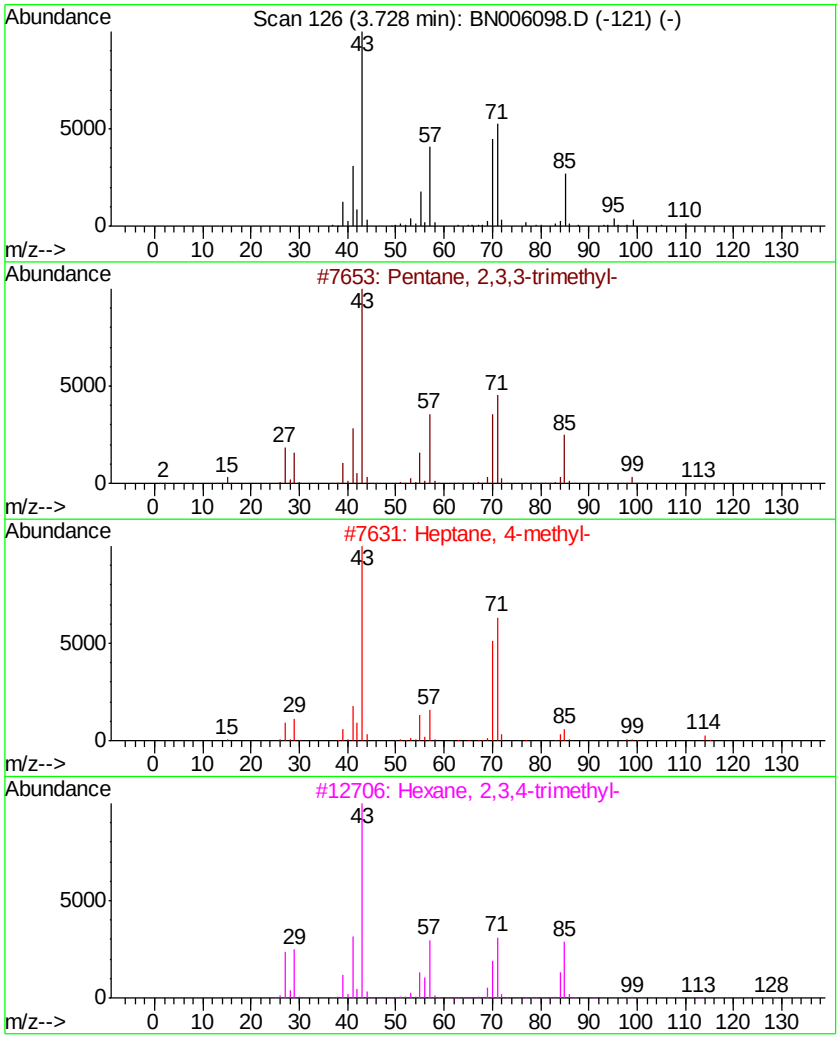
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

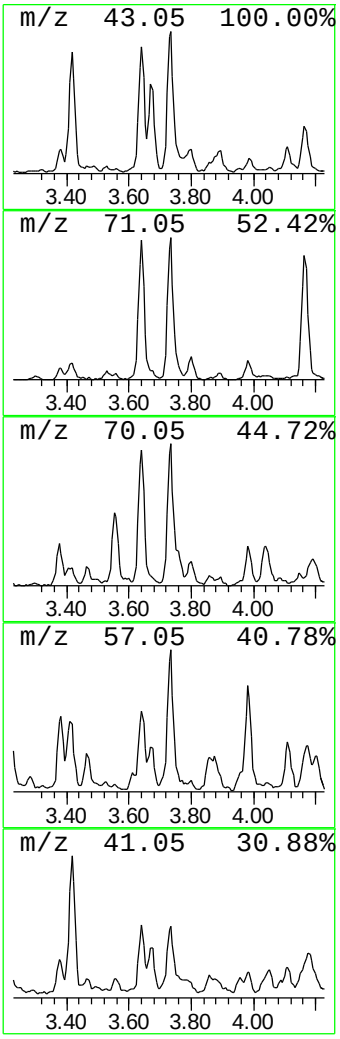
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.51 ng/ul	385141	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006098.D
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Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

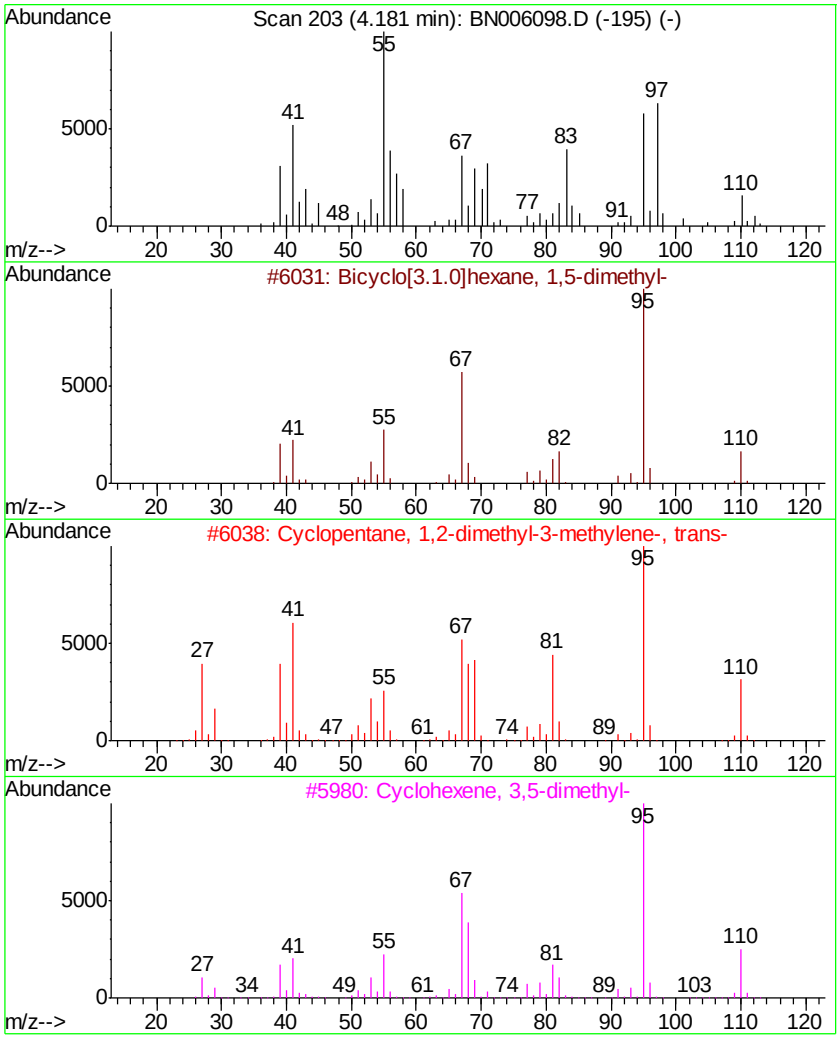
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

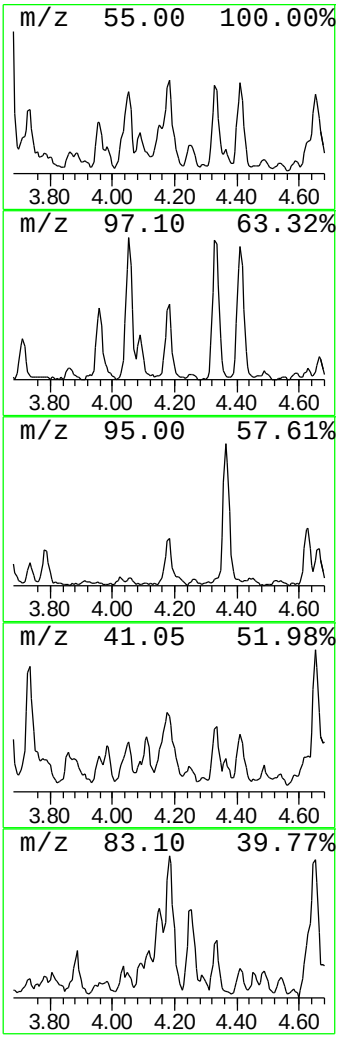
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[3.1.0]hexane, 1,5-d... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.18	4.27 ng/ul	467862	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	60
2	Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	1000150-99-3	35
3	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	35
4	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	35
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	35





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Sample : K3045-09
Misc :
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Quant Title : SVOA CALIBRATION

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

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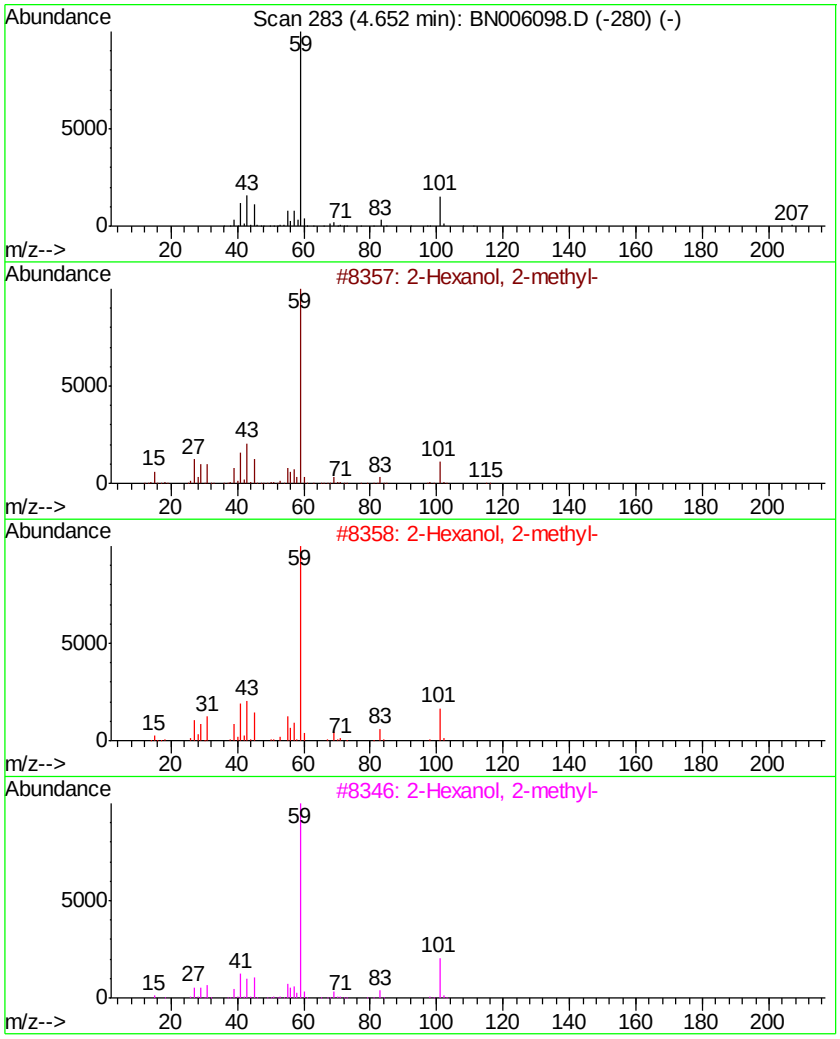
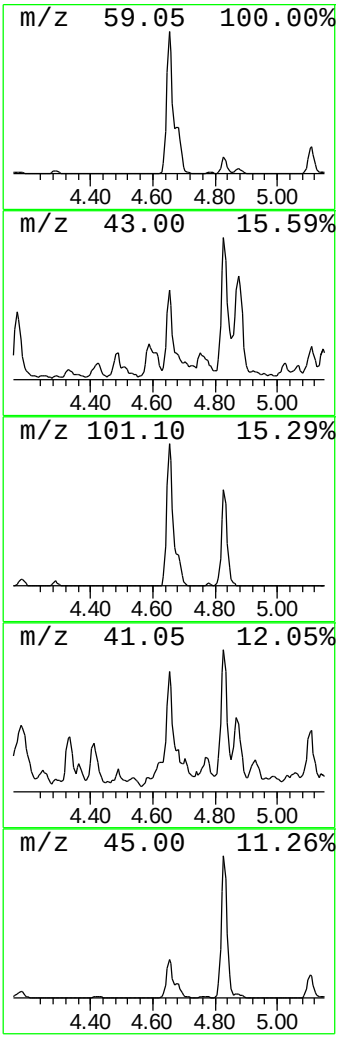
Peak Number 6 2-Hexanol, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	4.40 ng/ul	482560	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	64
4	Ethanol, pentamethyl-	116	C7H16O	000594-83-2	56
5	3-Methyl-6-ethyl--2,4-dioxadecane	188	C11H24O2	1000334-83-2	42





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Quant Title : SVOA CALIBRATION

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

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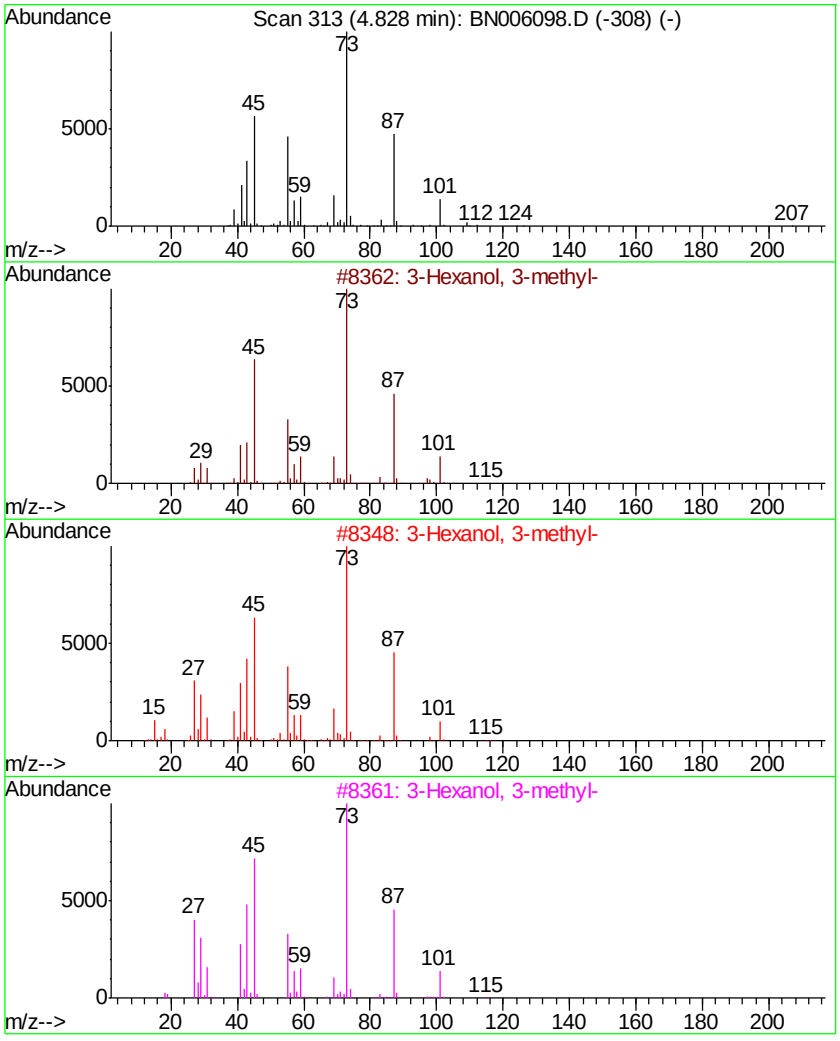
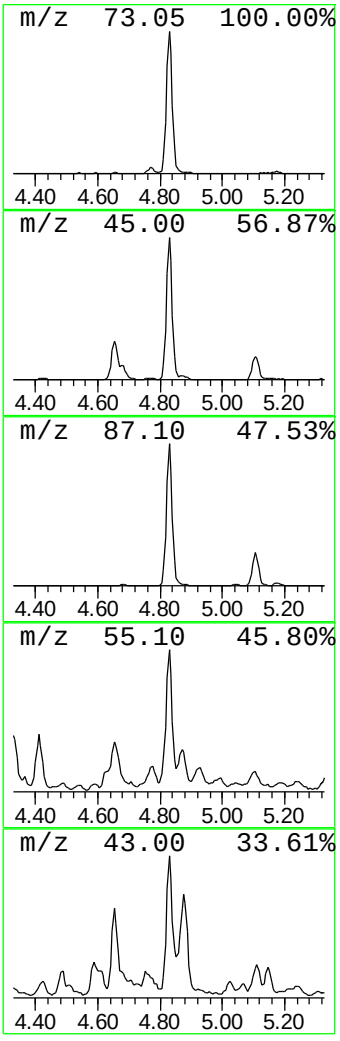
Peak Number 7 3-Hexanol, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	7.13 ng/ul	782362	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	90
2	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	78
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	64
4	Hexane, 3-methoxy-	116	C7H16O	054658-01-4	53
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	50





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Quant Title : SVOA CALIBRATION

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

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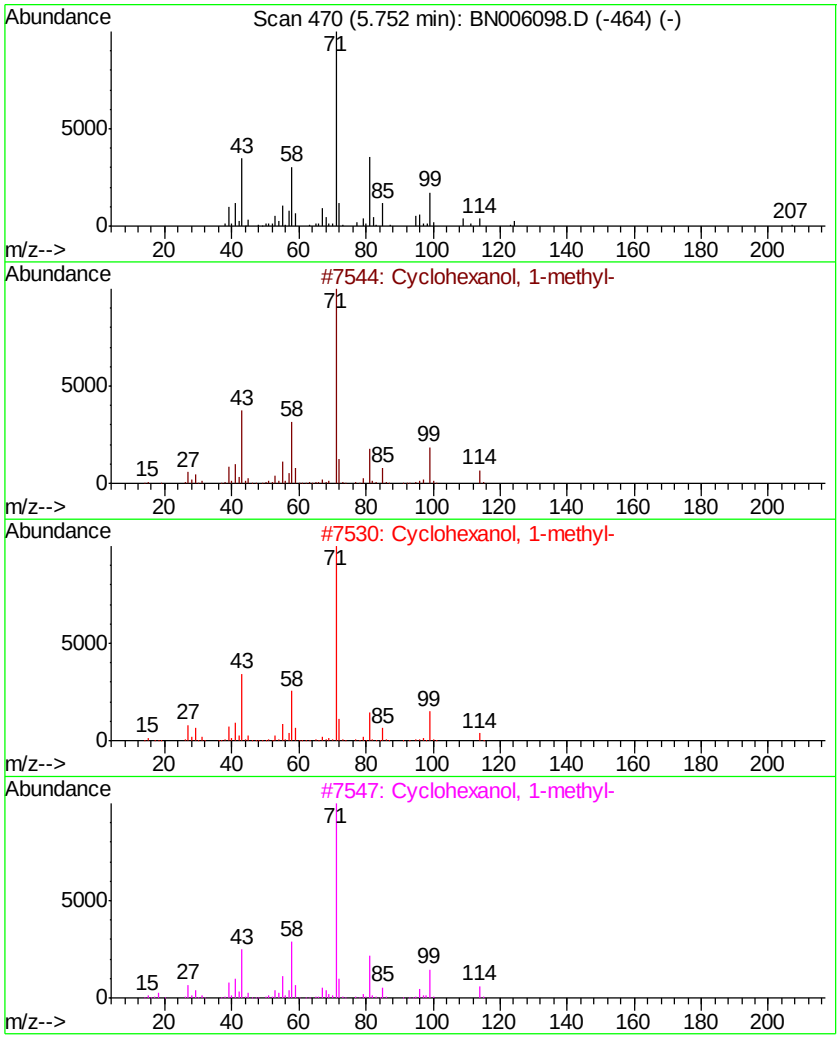
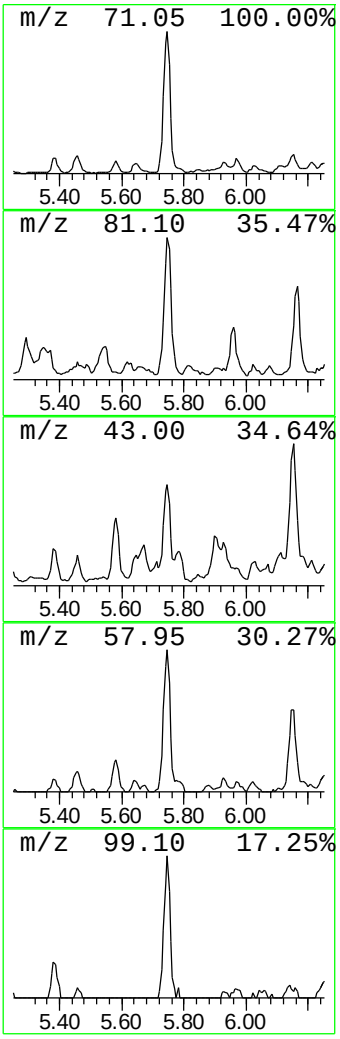
Peak Number 11 Cyclohexanol, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	2.92 ng/ul	319807	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	91
2	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	90
3	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	90
4	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	64
5	Cyclohexanol, 1-methyl-	114	C7H14O	000590-67-0	56





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Quant Title : SVOA CALIBRATION

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

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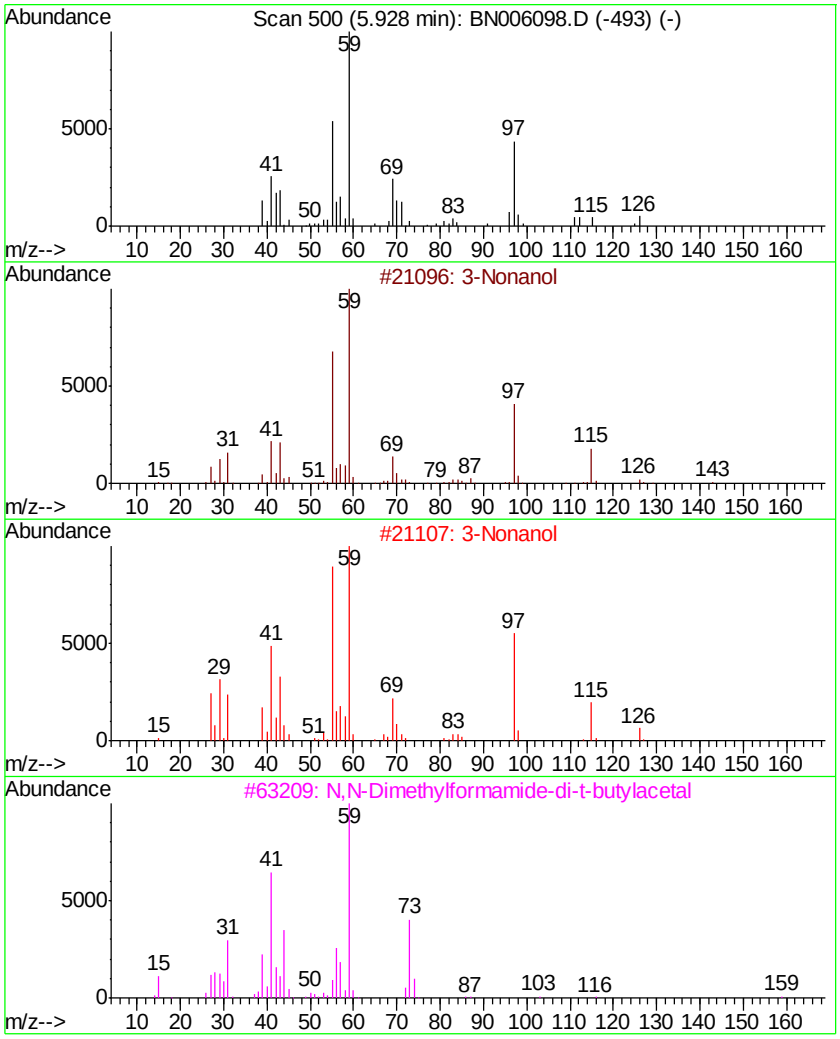
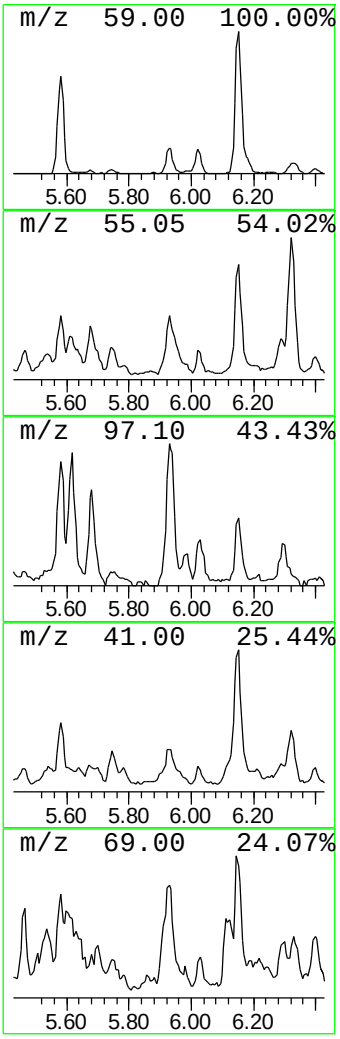
Peak Number 12 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.26 ng/ul	358076	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Nonanol	144	C9H20O	000624-51-1	42
2	3-Nonanol	144	C9H20O	000624-51-1	32
3	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	32
4	3-Octanol	130	C8H18O	000589-98-0	32
5	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	27





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Quant Title : SVOA CALIBRATION

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

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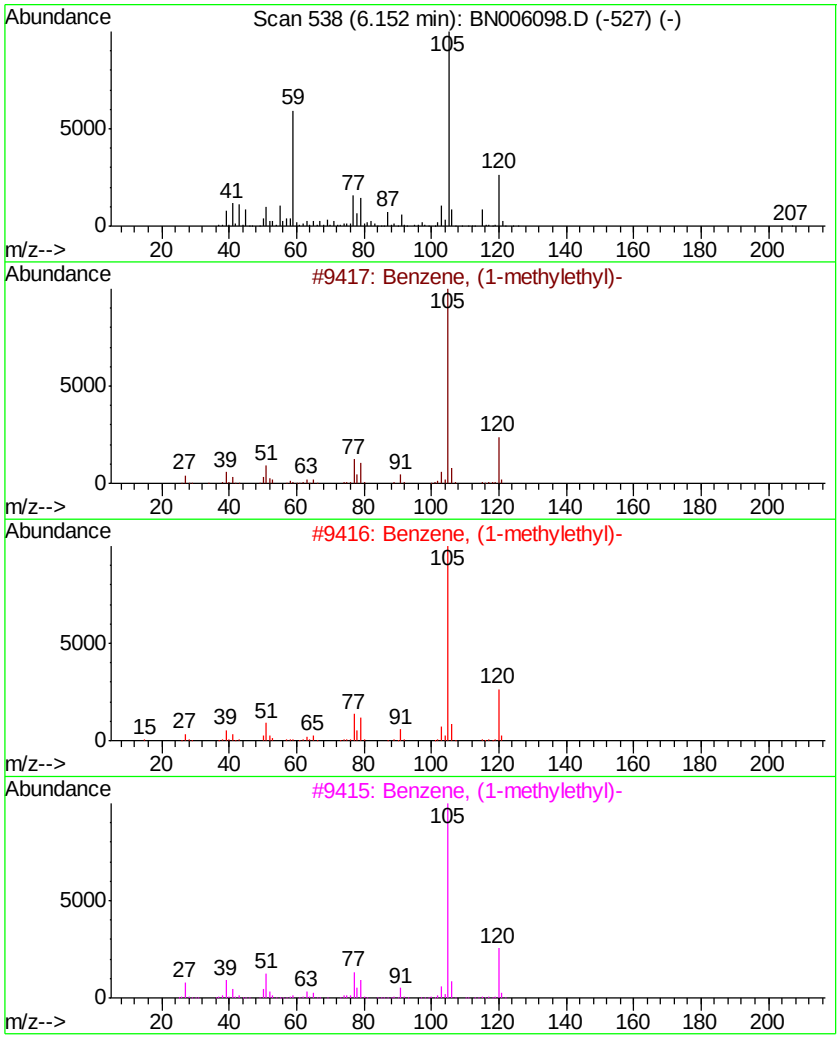
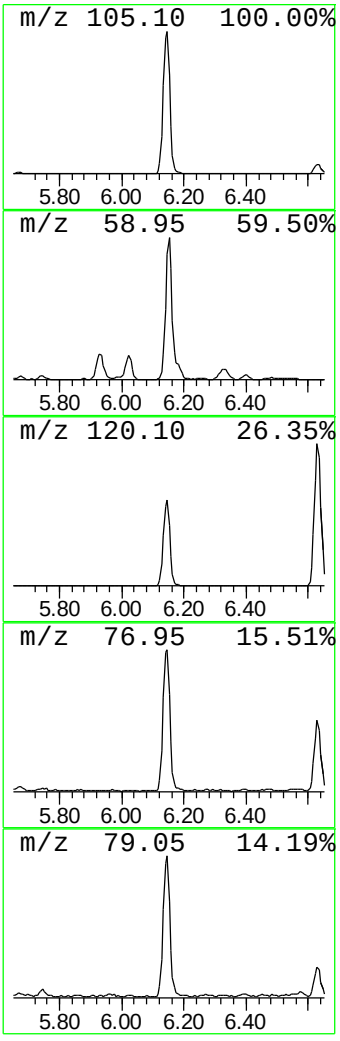
Peak Number 13 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	19.91 ng/ul	2183480	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	70
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	68
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	64





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Quant Title : SVOA CALIBRATION

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

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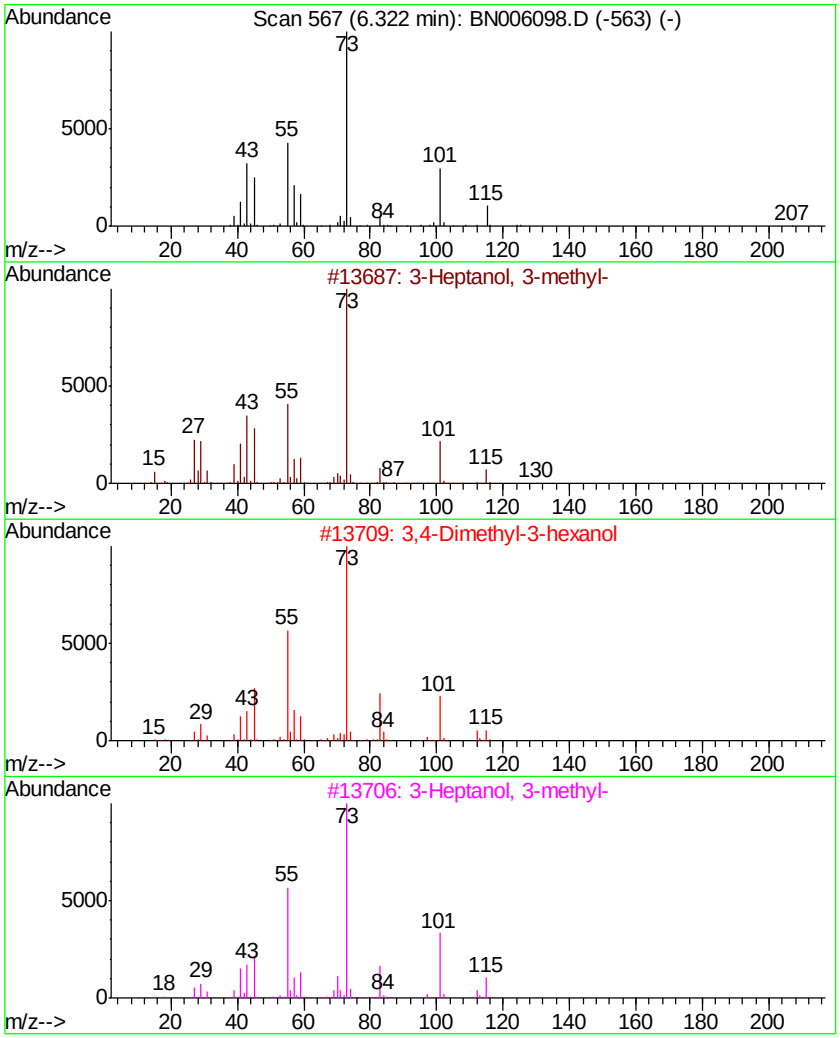
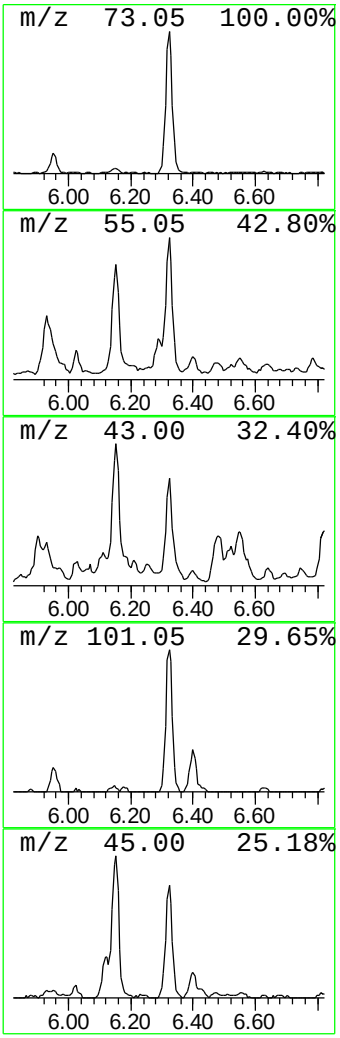
Peak Number 14 3-Heptanol, 3-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	3.61 ng/ul	395863	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	78
2	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	50
3	3-Heptanol, 3-methyl-	130	C8H18O	005582-82-1	50
4	3,4-Dimethyl-3-hexanol	130	C8H18O	019550-08-4	45
5	3-Methoxy-4-methylheptane	144	C9H20O	1000375-01-3	37





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Quant Title : SVOA CALIBRATION

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

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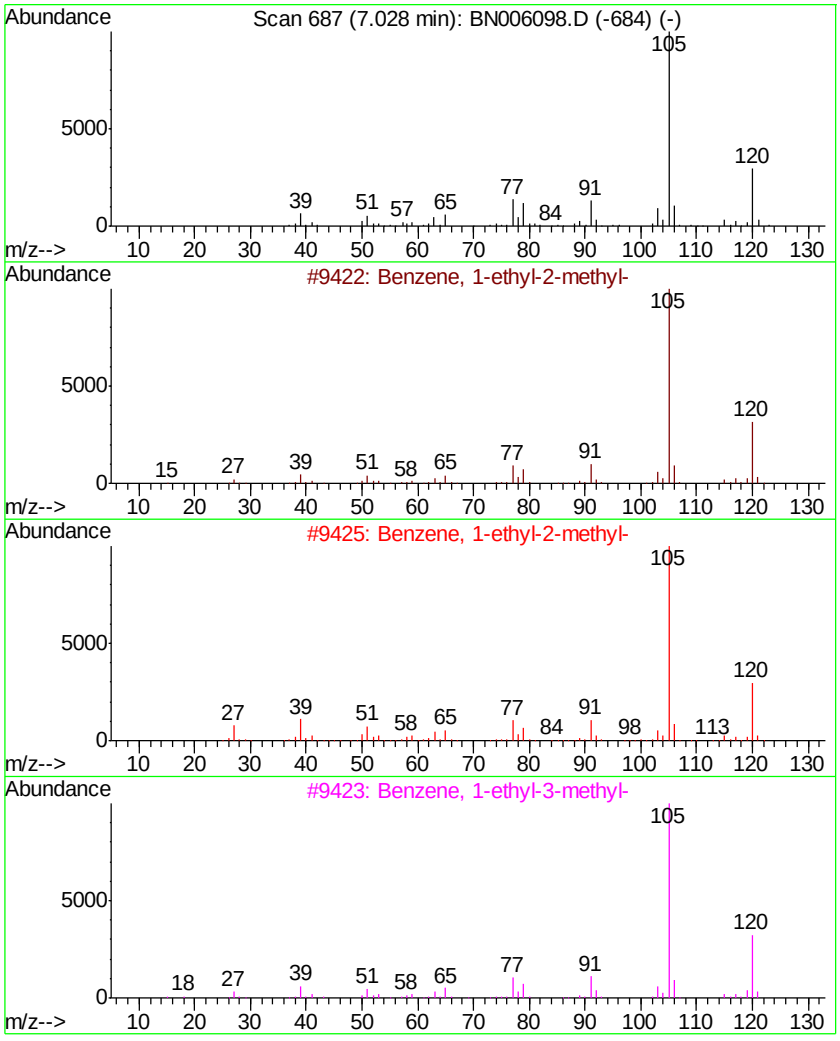
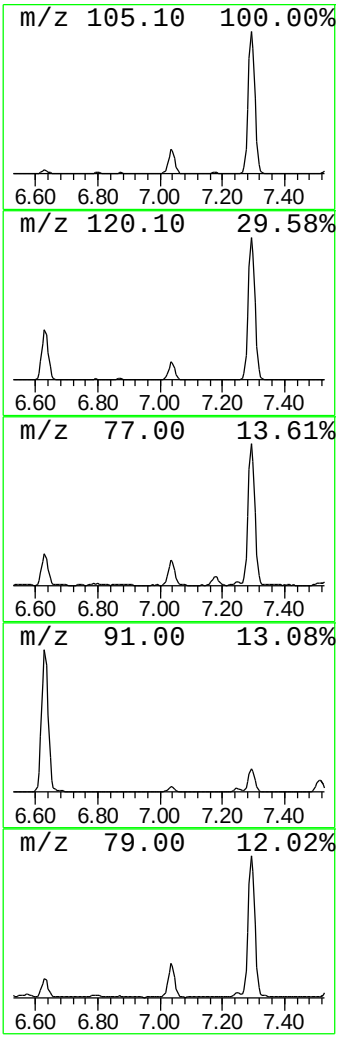
Peak Number 16 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	6.91 ng/ul	758327	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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

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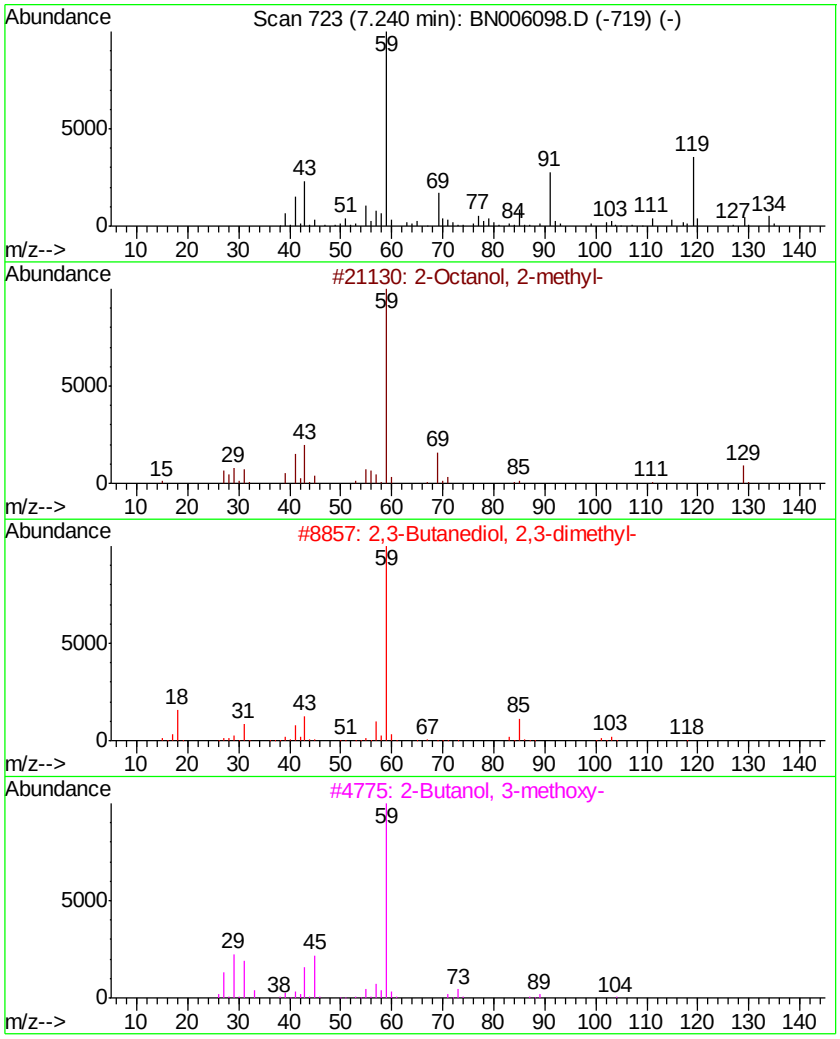
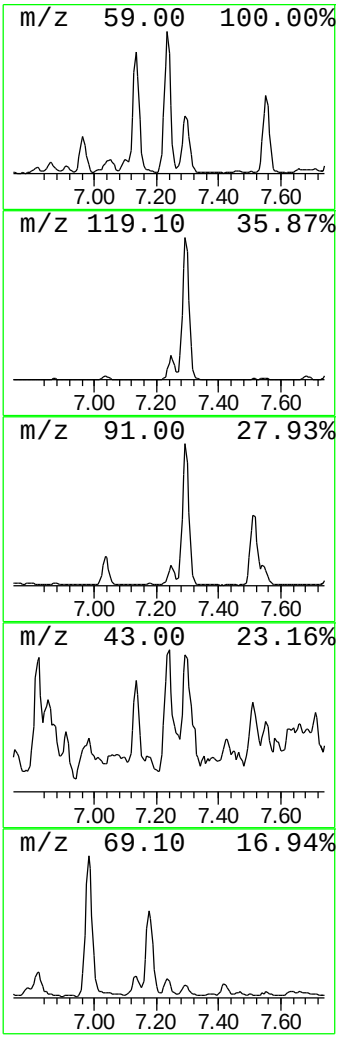
Peak Number 17 2-Octanol, 2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	2.51 ng/ul	275103	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	53
2	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	47
3	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	47
4	2-Hydroxy-2,5-dimethyl-hept-6-en...	156	C9H16O2	1000192-55-8	38
5	2-Hexanol, 2,3-dimethyl-	130	C8H18O	019550-03-9	38





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Quant Title : SVOA CALIBRATION

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

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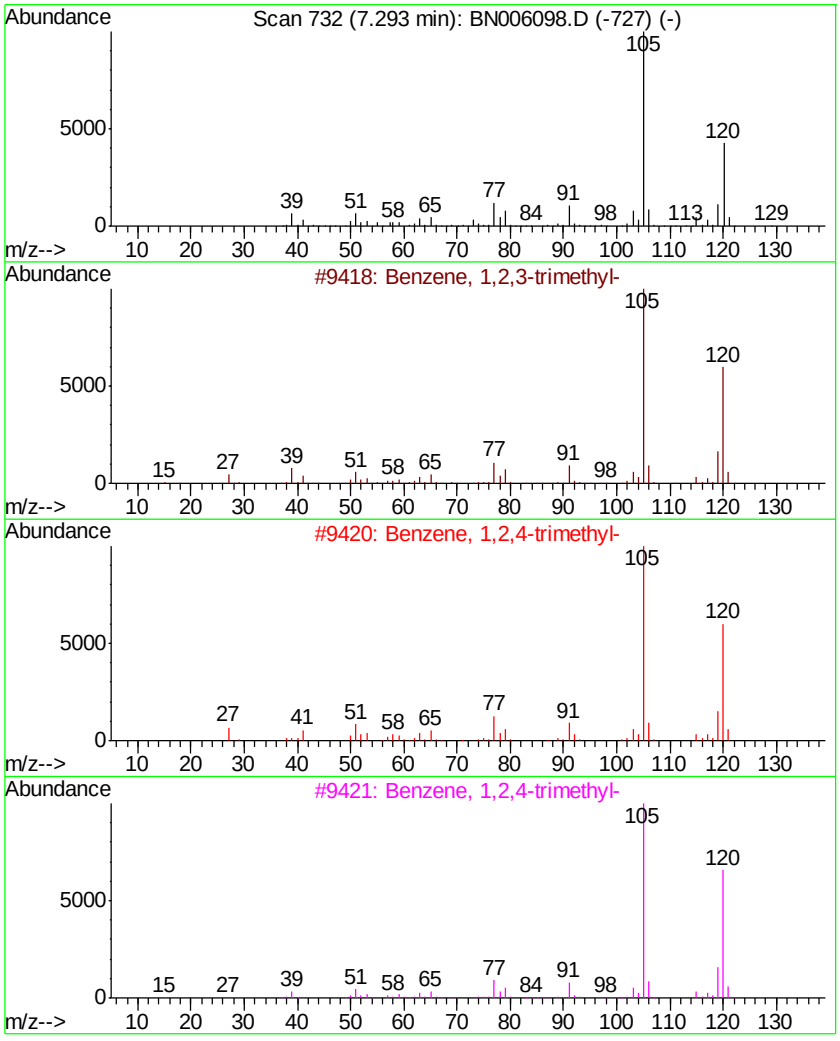
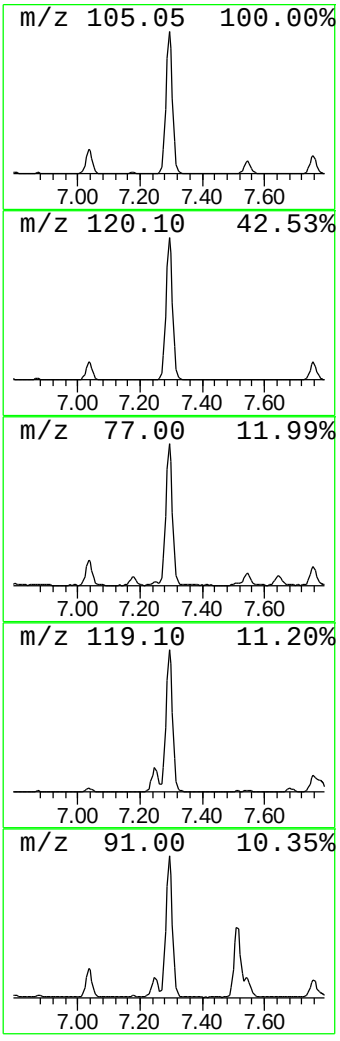
Peak Number 18 Benzene, 1,2,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	43.10 ng/ul	4727260	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





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

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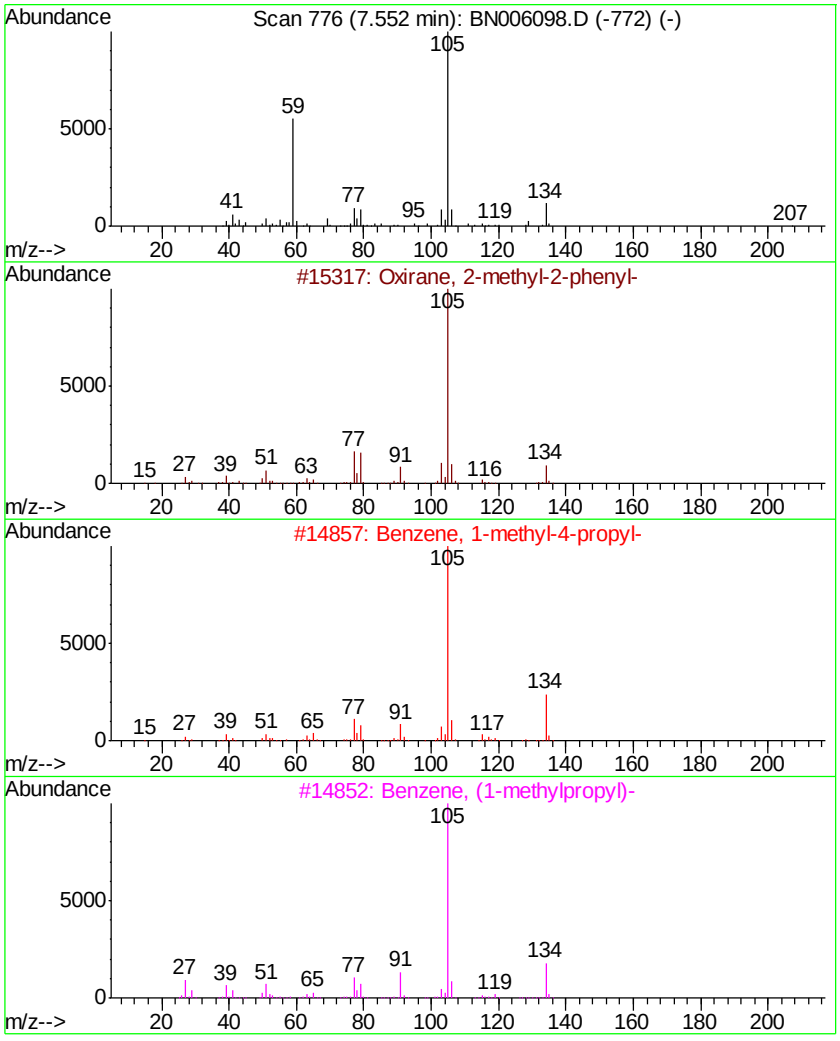
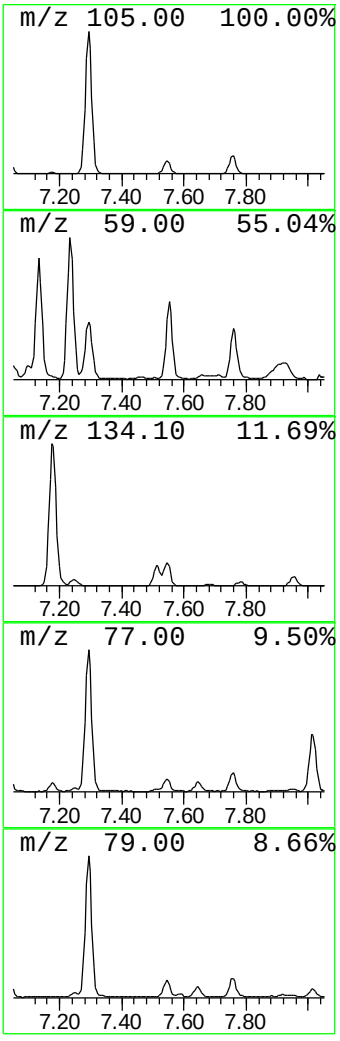
Peak Number 19 Oxirane, 2-methyl-2-phenyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	3.12 ng/ul	341755	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	76
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	59
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	58
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	53





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

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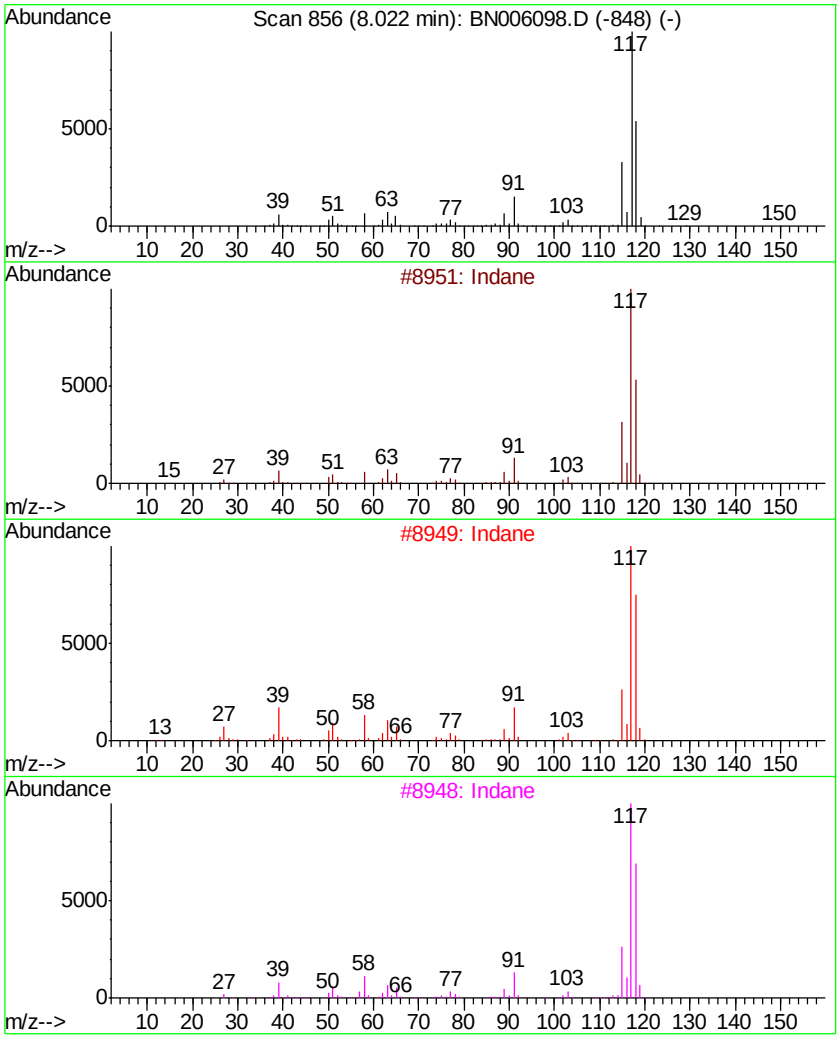
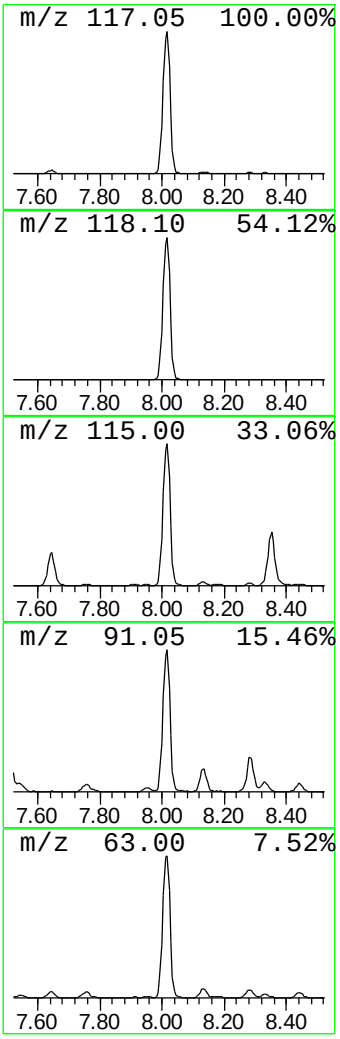
Peak Number 21 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.02	73.03 ng/ul	8011210	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

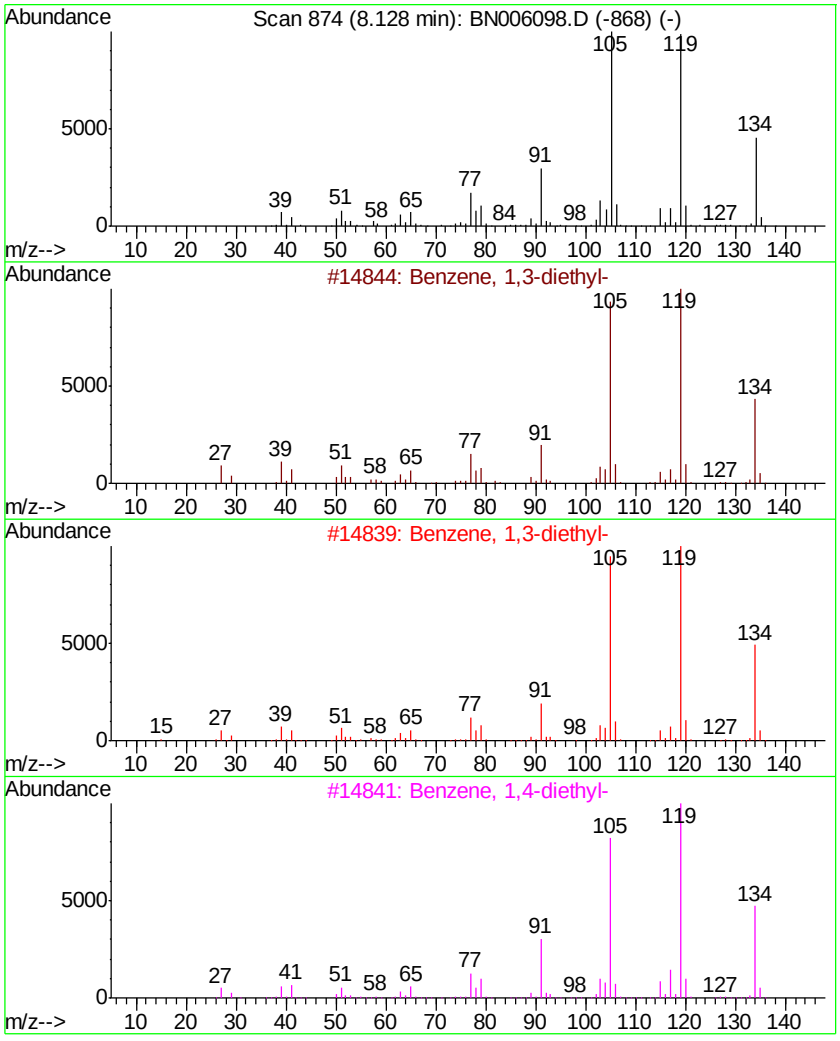
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

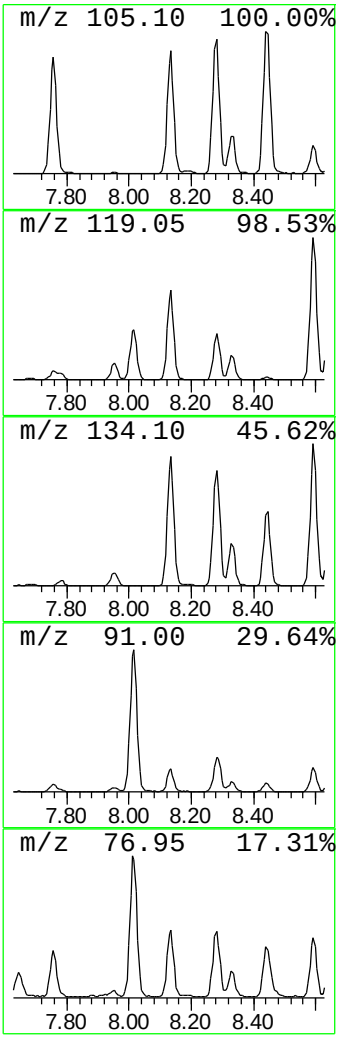
****

Peak Number 22 Benzene, 1,3-diethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	9.47 ng/ul	1039290	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	95
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94





Library Search Compound Report

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Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

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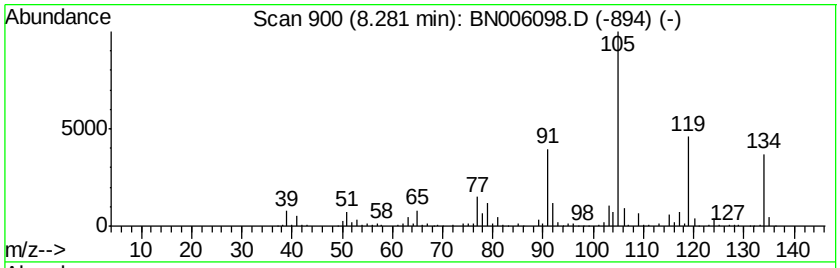
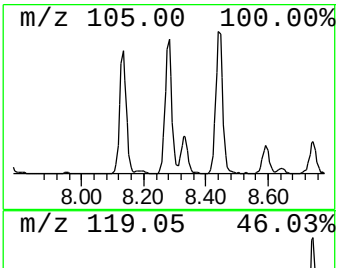
Peak Number 23 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	10.00 ng/ul	1097000	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	59
2	2-Tolyloxirane	134	C9H10O	002783-26-8	55
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	50
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	46
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	43





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Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

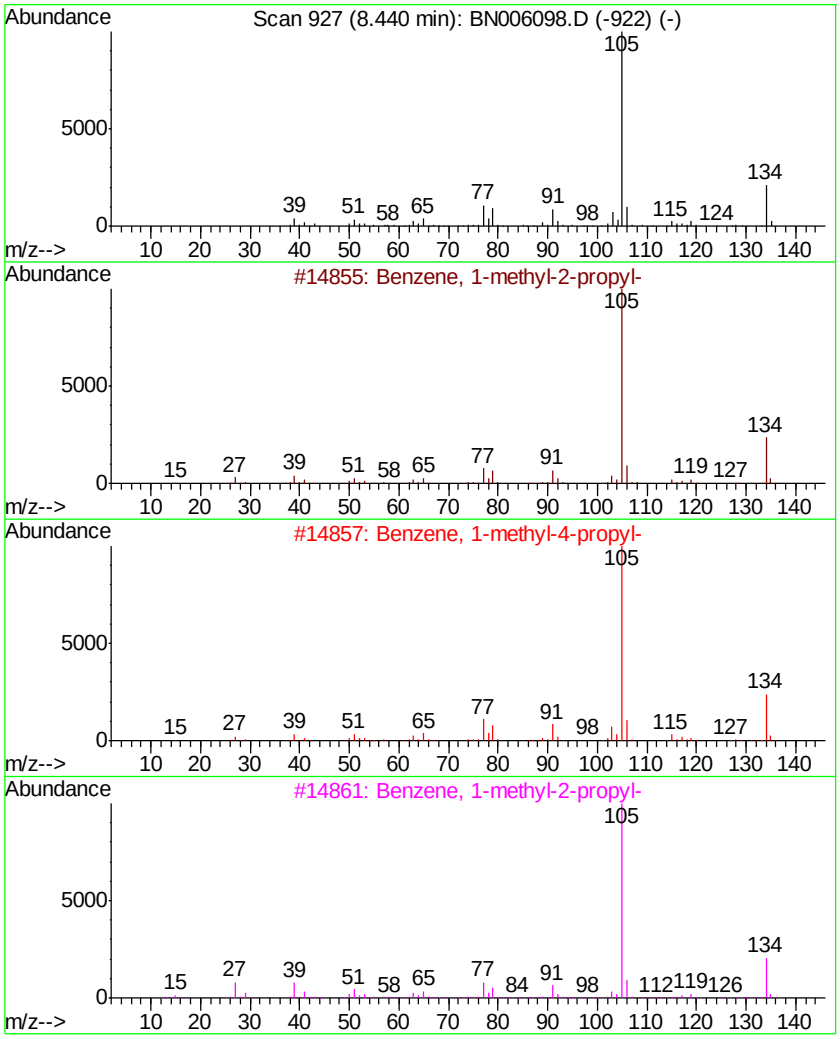
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

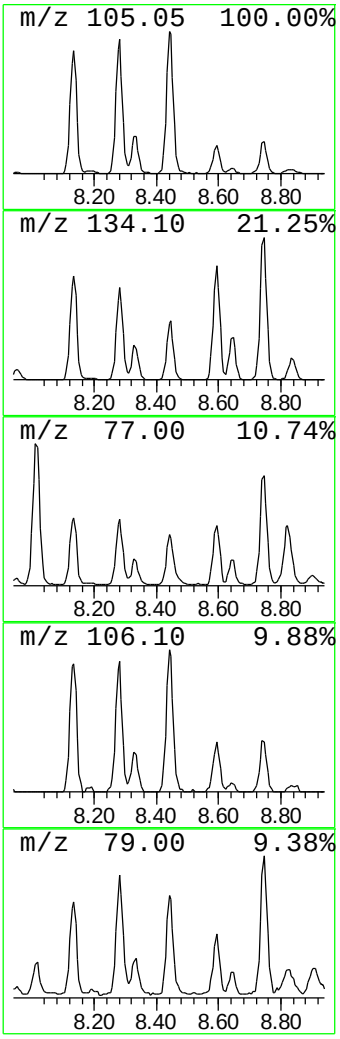
****

Peak Number 24 Benzene, 1-methyl-2-propyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	6.07 ng/ul	665640	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	94
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
5	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

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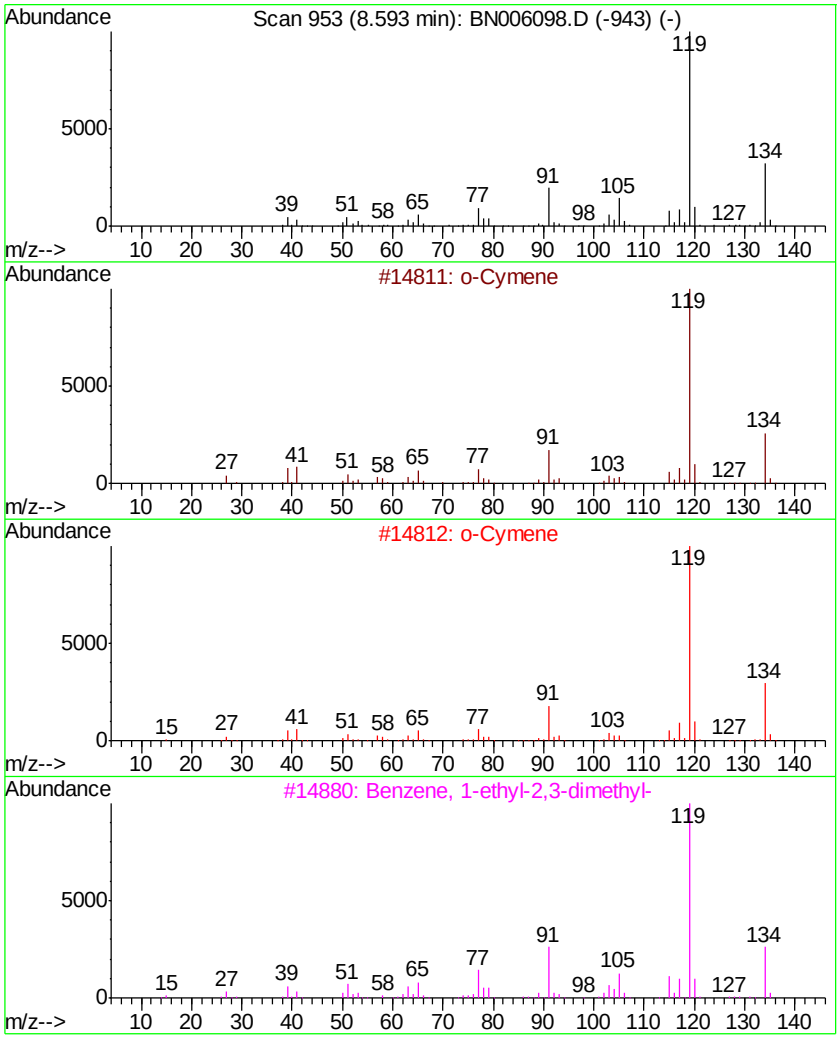
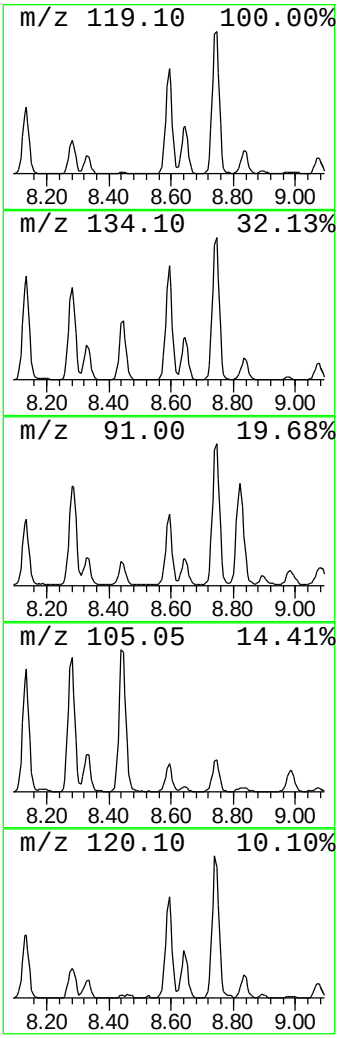
Peak Number 25 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	9.11 ng/ul	999039	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

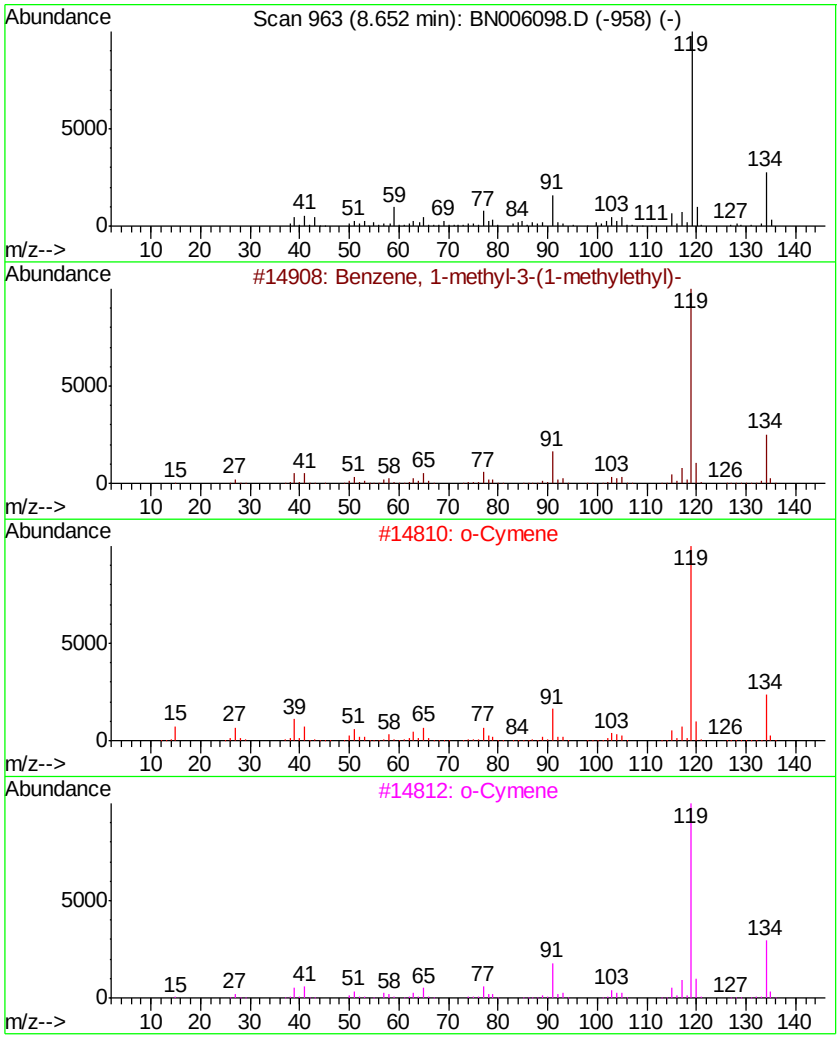
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

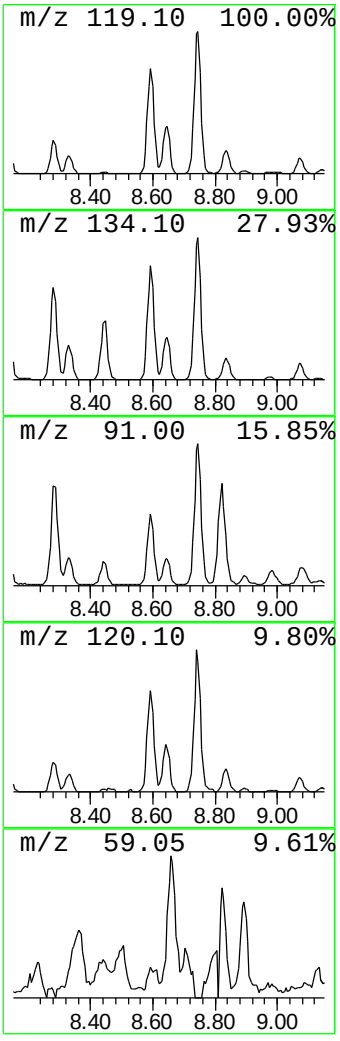
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 Benzene, 1-methyl-3-(1-meth... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	3.94 ng/ul	431888	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
2	o-Cymene	134	C10H14	000527-84-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
5	o-Cymene	134	C10H14	000527-84-4	94





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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId : C0C53

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Quant Title : SVOA CALIBRATION

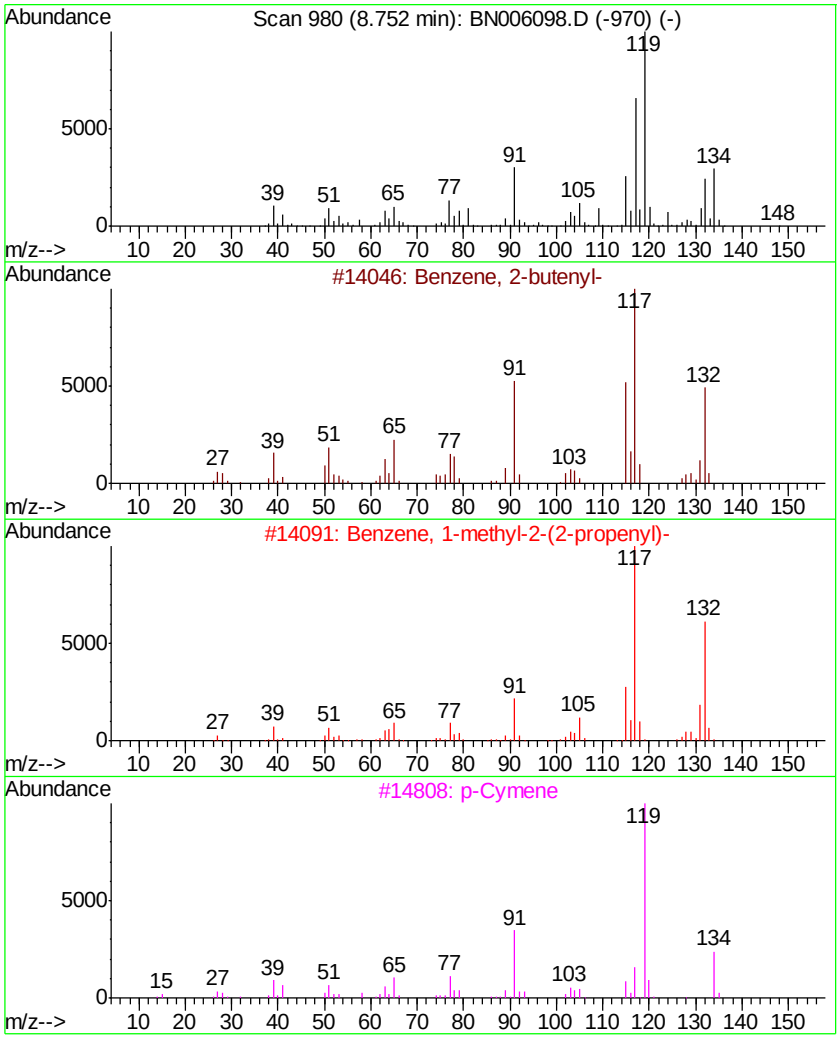
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

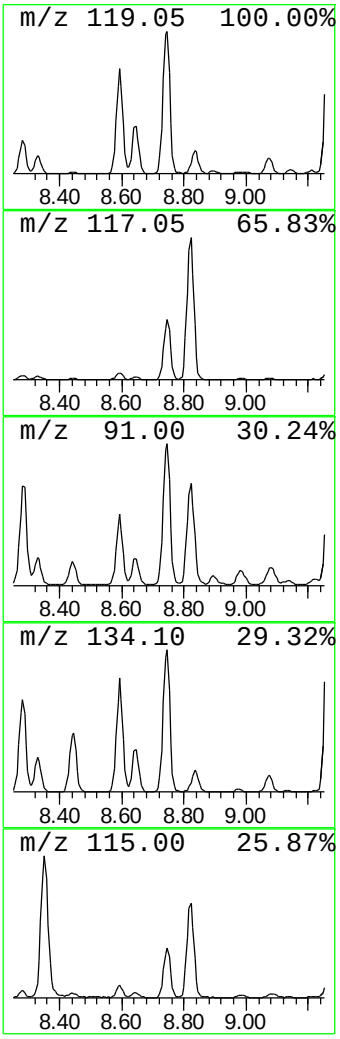
****

Peak Number 27 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	21.33 ng/ul	2339440	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
5	o-Cymene	134	C10H14	000527-84-4	60





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Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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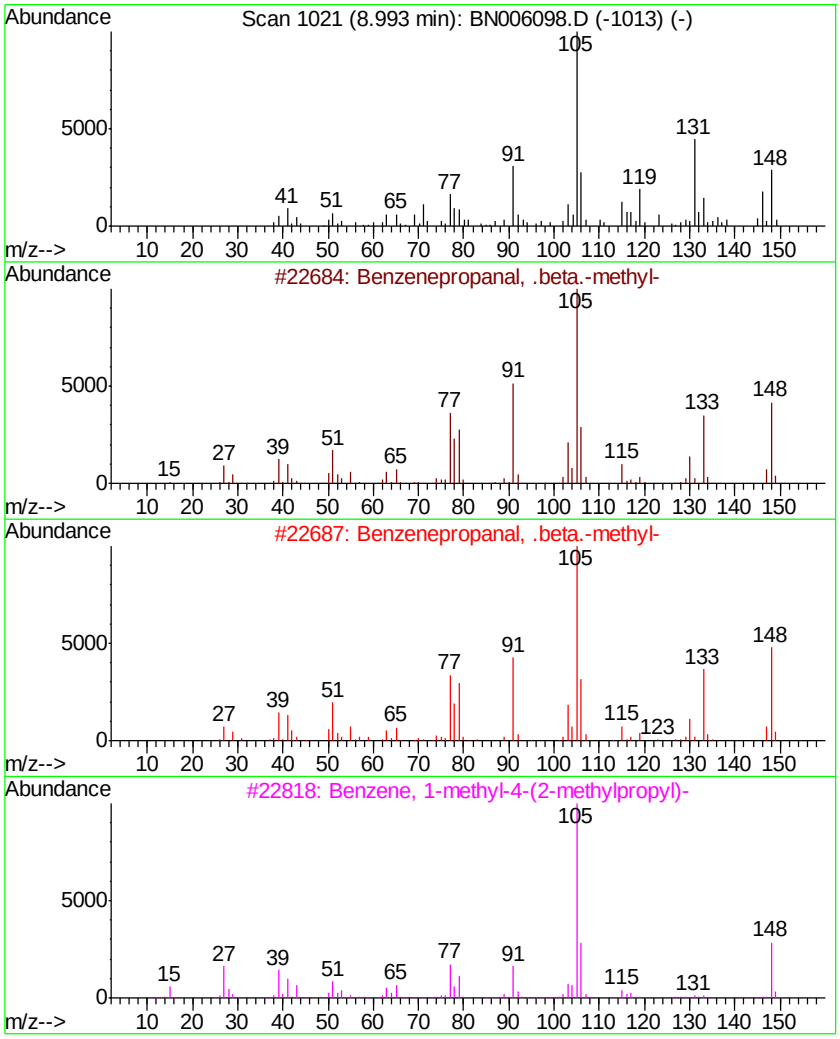
Quant Title : SVOA CALIBRATION

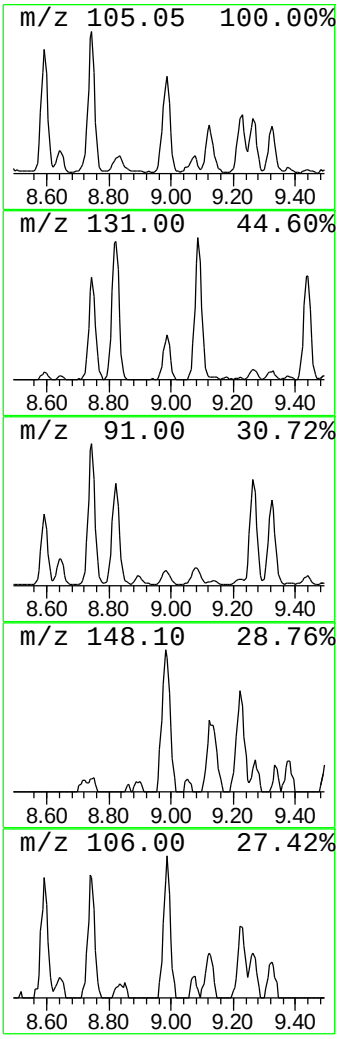
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Benzenepropanal, .beta.-met... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	3.20 ng/ul	350635	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	50
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	43
3	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	41
4	3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	41
5	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	41





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Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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Quant Title : SVOA CALIBRATION

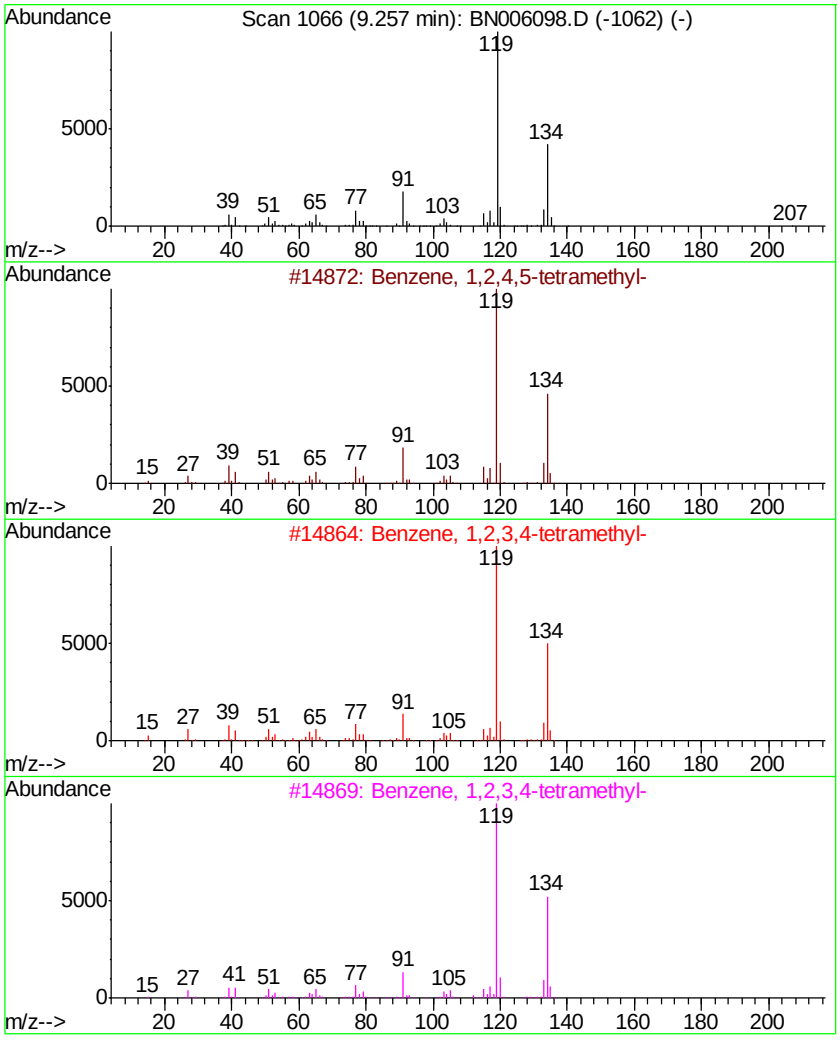
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

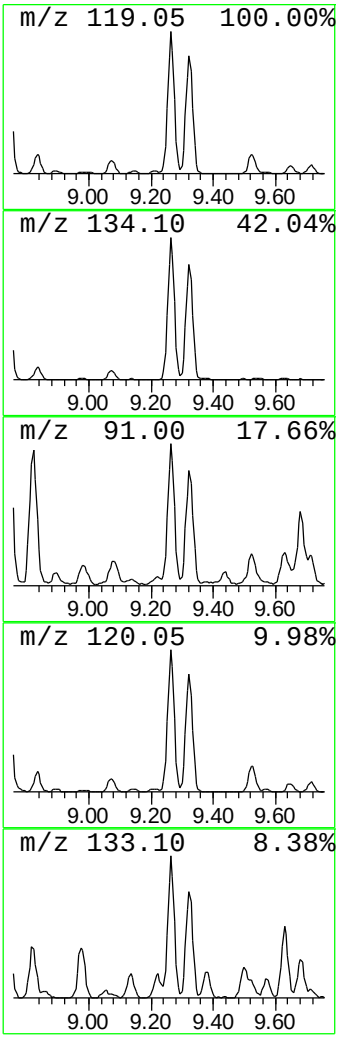
****

Peak Number 29 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	8.05 ng/ul	1571100	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

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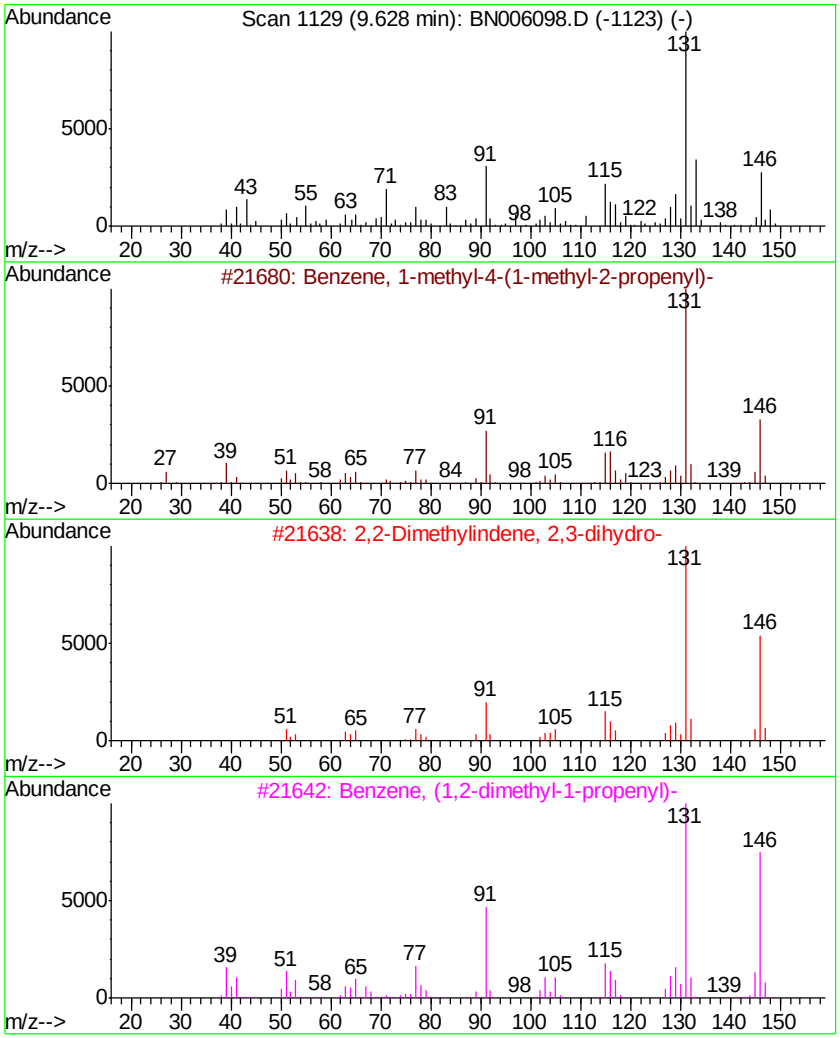
Quant Title : SVOA CALIBRATION

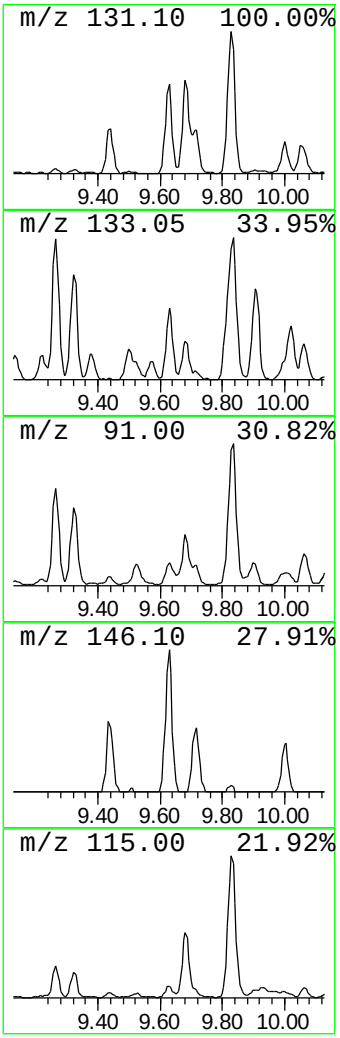
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 Benzene, 1-methyl-4-(1-meth... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	2.62 ng/ul	510667	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	93
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	90
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	89
5	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	76





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Quant Title : SVOA CALIBRATION

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

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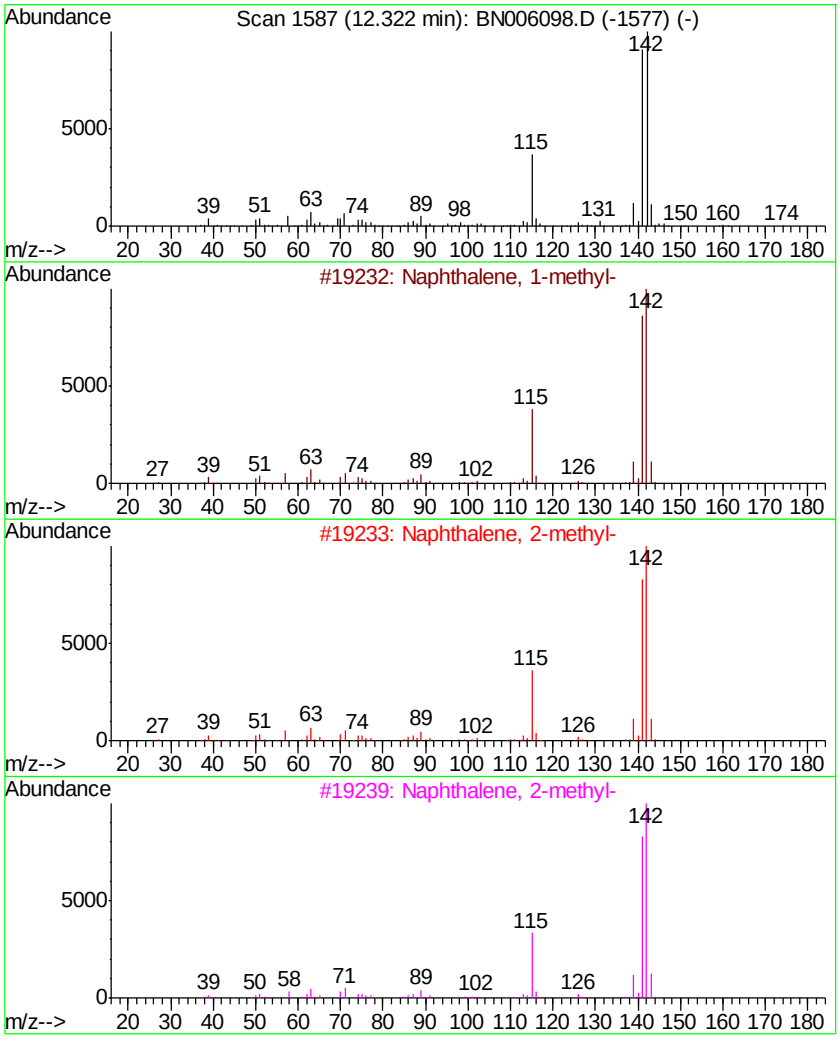
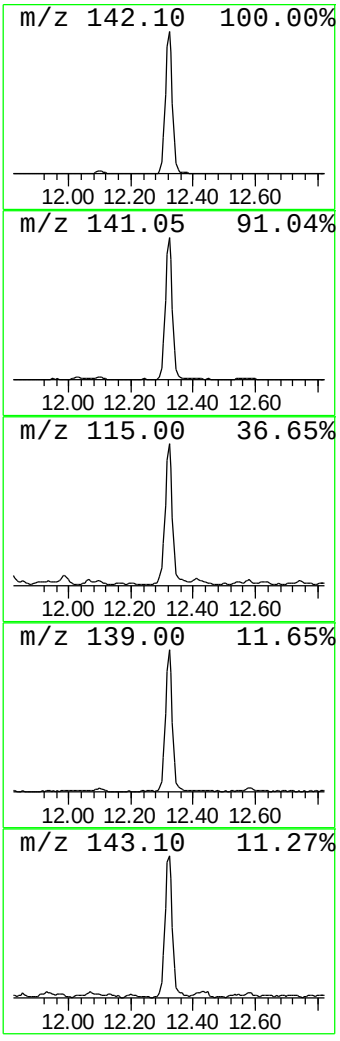
Peak Number 40 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	12.67 ng/ul	2473340	Naphthalene-d8	10.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

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

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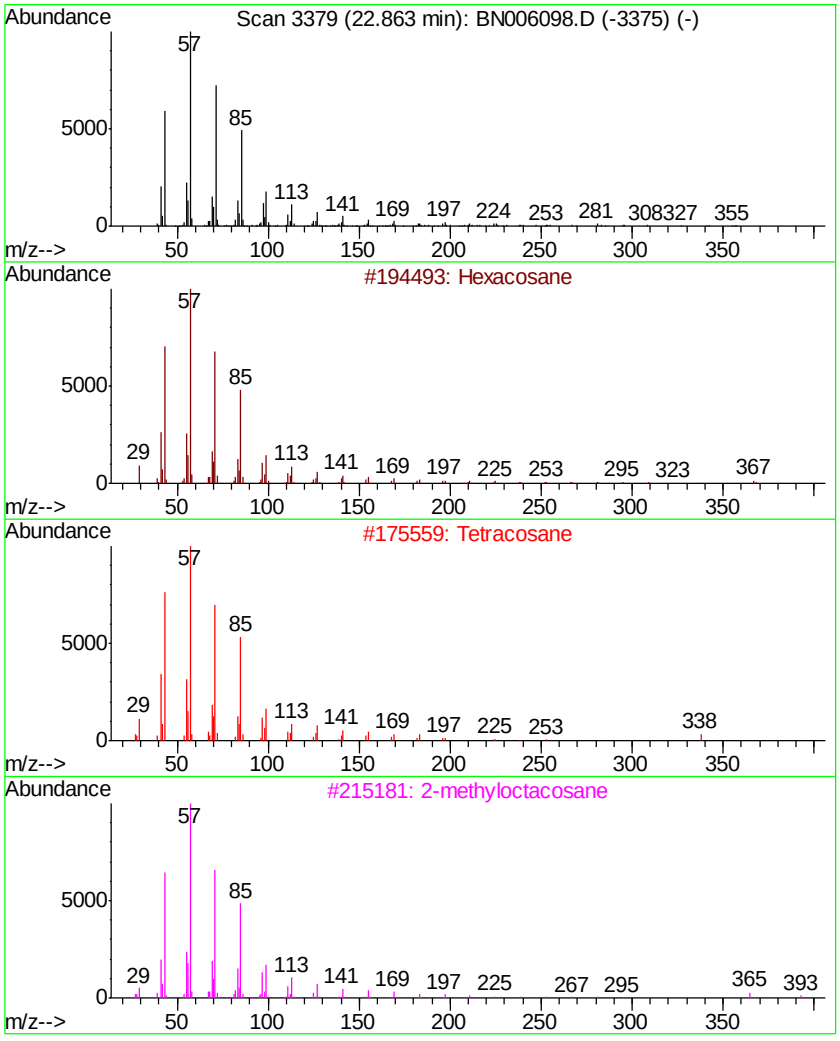
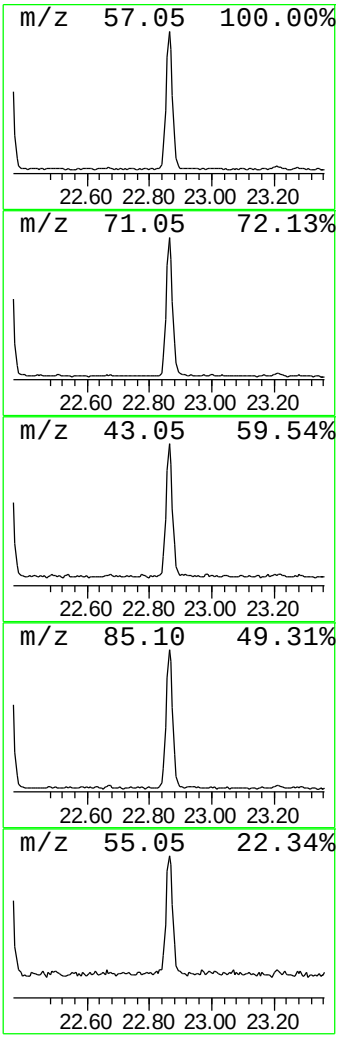
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	2.61 ng/ul	621945	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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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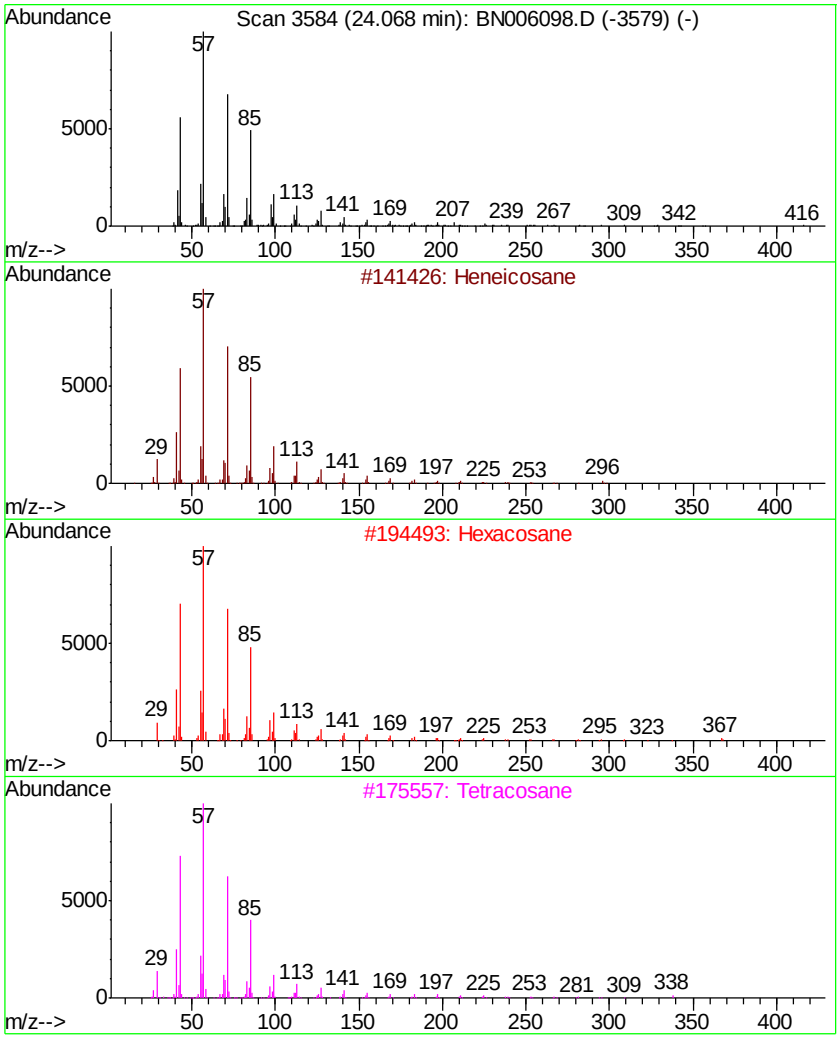
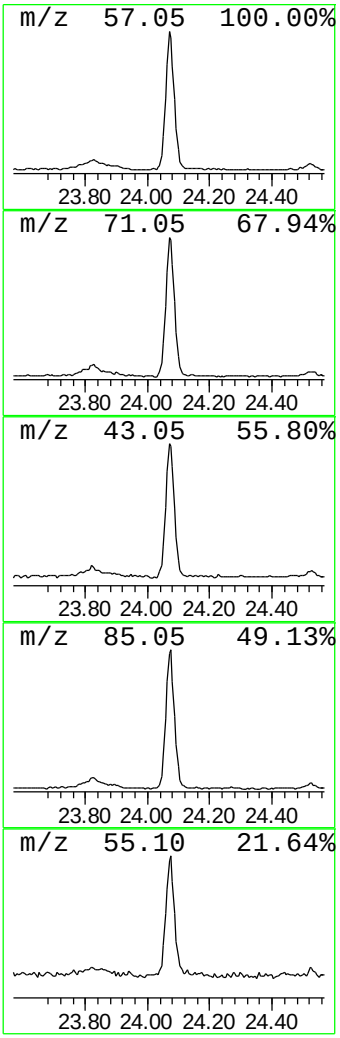
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.07	3.46 ng/ul	824542	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

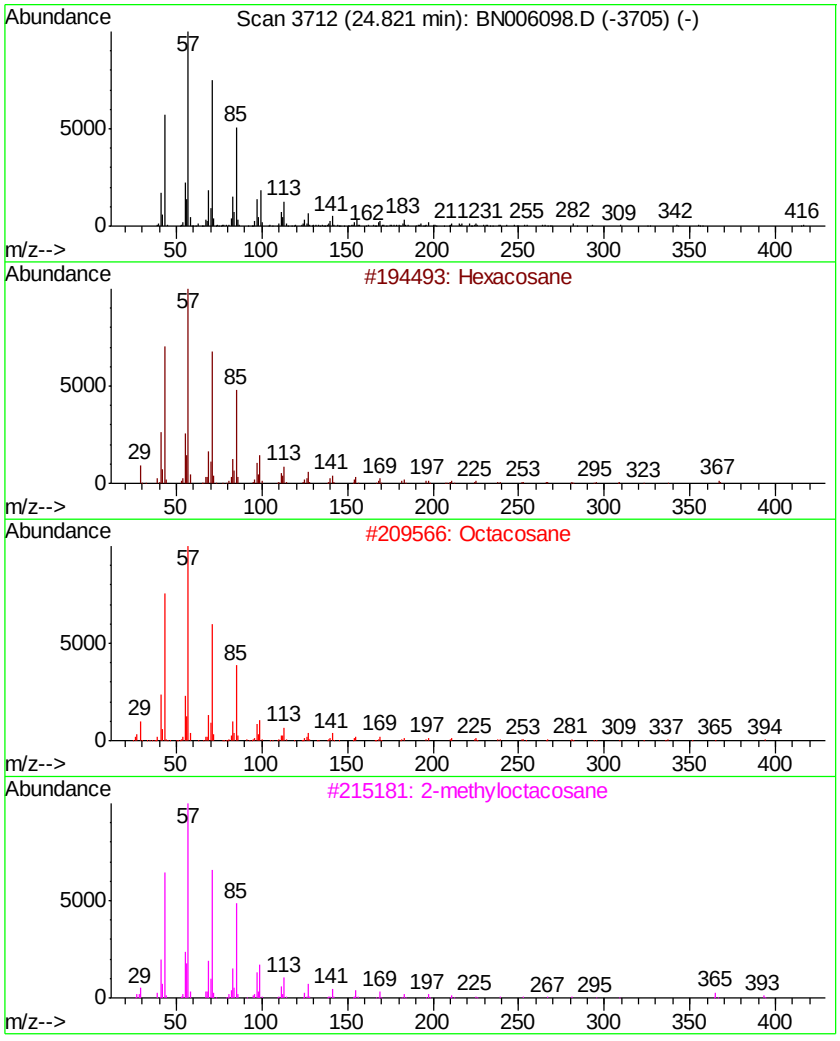
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

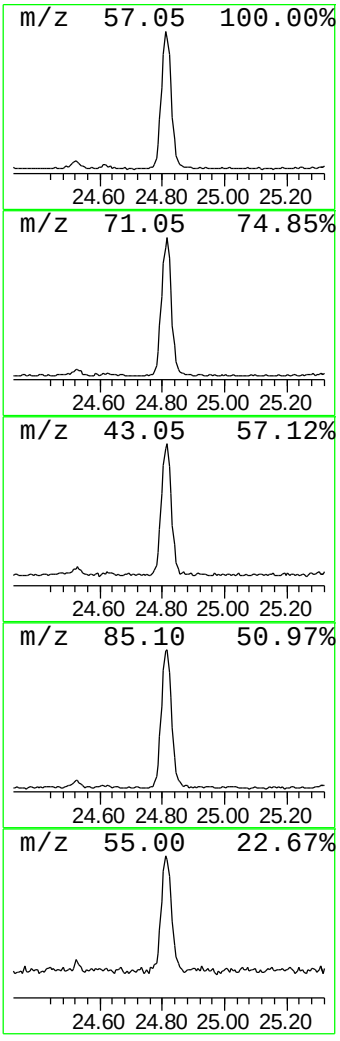
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.82	3.31 ng/ul	789351	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006098.D
Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

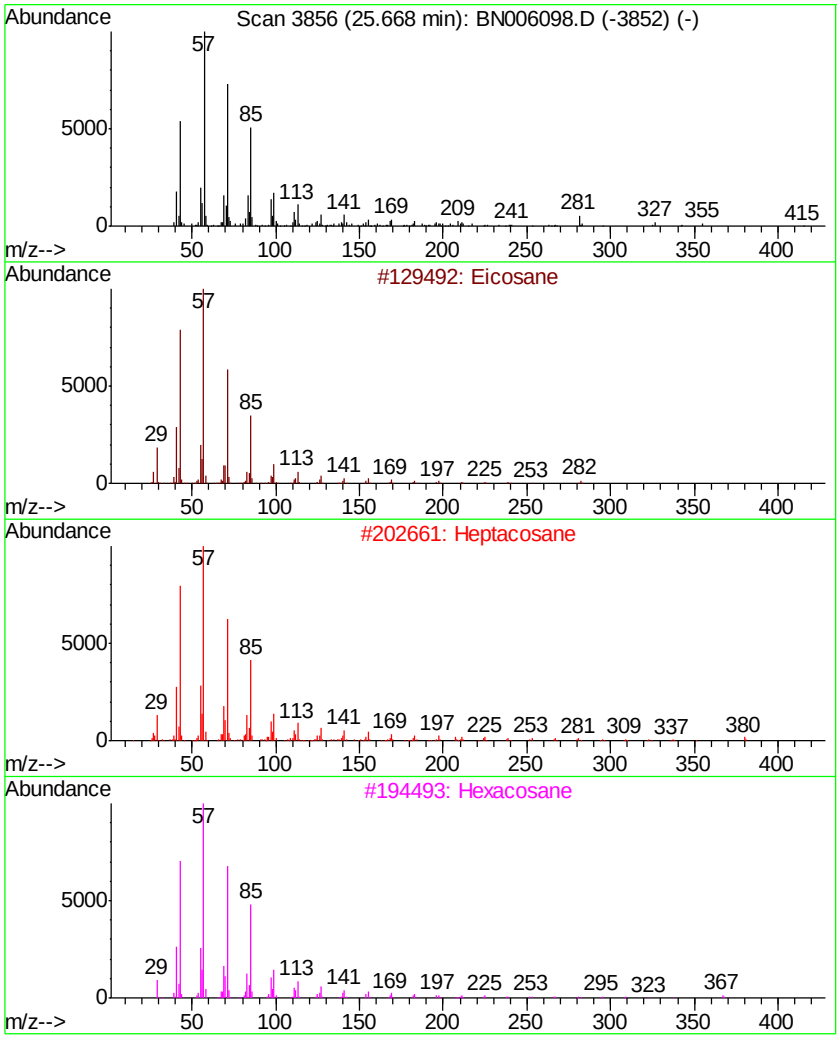
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

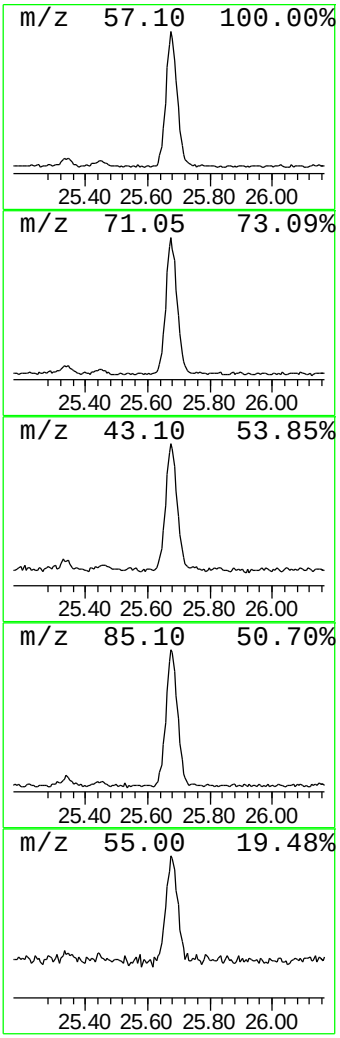
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.67	2.40 ng/ul	572347	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060519\
Data File : BN006098.D
Acq On : 05 Jun 2019 14:26
Operator : JU/SJ
Sample : K3045-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0C53

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.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, 2-met...	3.42	6.7	ng/ul	739533	1	7.65	2193840	20.0
(DEL) Alkane: Str...	3.64	2.6	ng/ul	285482	1	7.65	2193840	20.0
3-Pentanol, 3-met...	3.67	5.1	ng/ul	560903	1	7.65	2193840	20.0
(DEL) Alkane: Str...	3.73	3.5	ng/ul	385141	1	7.65	2193840	20.0
Bicyclo[3.1.0]hex...	4.18	4.3	ng/ul	467862	1	7.65	2193840	20.0
2-Hexanol, 2-methyl-	4.65	4.4	ng/ul	482560	1	7.65	2193840	20.0
3-Hexanol, 3-methyl-	4.83	7.1	ng/ul	782362	1	7.65	2193840	20.0
Cyclohexanol, 1-m...	5.75	2.9	ng/ul	319807	1	7.65	2193840	20.0
unknown-01	5.93	3.3	ng/ul	358076	1	7.65	2193840	20.0
Benzene, (1-methy...	6.15	19.9	ng/ul	2183480	1	7.65	2193840	20.0
3-Heptanol, 3-met...	6.32	3.6	ng/ul	395863	1	7.65	2193840	20.0
Benzene, 1-ethyl-...	7.03	6.9	ng/ul	758327	1	7.65	2193840	20.0
2-Octanol, 2-methyl-	7.24	2.5	ng/ul	275103	1	7.65	2193840	20.0
Benzene, 1,2,3-tr...	7.29	43.1	ng/ul	4727260	1	7.65	2193840	20.0
Oxirane, 2-methyl...	7.55	3.1	ng/ul	341755	1	7.65	2193840	20.0
Indane	8.02	73.0	ng/ul	8011210	1	7.65	2193840	20.0
Benzene, 1,3-diet...	8.13	9.5	ng/ul	1039290	1	7.65	2193840	20.0
Benzene, 1,4-diet...	8.28	10.0	ng/ul	1097000	1	7.65	2193840	20.0
Benzene, 1-methyl...	8.44	6.1	ng/ul	665640	1	7.65	2193840	20.0
o-Cymene	8.59	9.1	ng/ul	999039	1	7.65	2193840	20.0
Benzene, 1-methyl...	8.65	3.9	ng/ul	431888	1	7.65	2193840	20.0
Benzene, 2-butenyl-	8.75	21.3	ng/ul	2339440	1	7.65	2193840	20.0
Benzenepropanal, ...	8.99	3.2	ng/ul	350635	1	7.65	2193840	20.0
Benzene, 1,2,4,5-...	9.26	8.1	ng/ul	1571100	2	10.43	3903580	20.0
Benzene, 1-methyl...	9.63	2.6	ng/ul	510667	2	10.43	3903580	20.0
Naphthalene, 1-me...	12.32	12.7	ng/ul	2473340	2	10.43	3903580	20.0
(DEL) Alkane: Str...	22.86	2.6	ng/ul	621945	6	23.54	4762510	20.0
(DEL) Alkane: Str...	24.07	3.5	ng/ul	824542	6	23.54	4762510	20.0
(DEL) Alkane: Str...	24.82	3.3	ng/ul	789351	6	23.54	4762510	20.0
(DEL) Alkane: Str...	25.67	2.4	ng/ul	572347	6	23.54	4762510	20.0