LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005200.D
Acq On : 23 Apr 2019 06:47
Operator : JU/SJ
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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-BN041919MA.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	5.311	387	395	404	rBV	24833743	51392195	11.76%	0.664%
2	5.664	444	455	463	rBV2	22392149	47279689	10.82%	0.611%
3	6.717	625	634	639	rBV	17002370	27045674	6.19%	0.350%
4	6.852	650	657	666	rVB	17357523	28241873	6.46%	0.365%
5	7.293	721	732	739	rVV5	58095009	159133638	36.40%	2.057%
6	7.364	739	744	751	rVB	23855440	35701642	8.17%	0.461%
7	7.722	798	805	811	rVV	19313826	32715131	7.48%	0.423%
8	8.152	866	878	883	rVB2	42340228	90157168	20.62%	1.165%
9	8.240	883	893	899	rBV	12369599	21045313	4.81%	0.272%
10	8.705	966	972	978	rBV	22099569	38790418	8.87%	0.501%
11	8.875	997	1001	1009	rVB	24632373	52131618	11.93%	0.674%
12	8.975	1009	1018	1023	rVB	11305887	21730316	4.97%	0.281%
13	9.181	1046	1053	1057	rBV	10396380	20147713	4.61%	0.260%
14	9.287	1065	1071	1078	rVB	19586087	35984916	8.23%	0.465%
15	9.369	1078	1085	1089	rBV	21206305	37516496	8.58%	0.485%
16	9.834	1147	1164	1170	rBV3	45224592	157855248	36.11%	2.040%
17	9.916	1170	1178	1182	rBV	36317958	104685608	23.95%	1.353%
18	10.093	1201	1208	1213	rBV2	11405479	22626404	5.18%	0.292%
19	10.405	1254	1261	1263	rBV	25822810	43735731	10.00%	0.565%
20	10.499	1263	1277	1278	rBV4	39701736	143993195	32.94%	1.861%
21	10.775	1318	1324	1333	rVB8	6754465	16805188	3.84%	0.217%
22	11.234	1392	1402	1407	rVB2	7784945	19829114	4.54%	0.256%
23	11.322	1407	1417	1423	rBV4	9899636	28000853	6.41%	0.362%
24	11.428	1423	1435	1439	rBV2	17119849	45569488	10.42%	0.589%
25	11.587	1456	1462	1473	rVB	17729131	44614112	10.21%	0.577%
26	11.910	1507	1517	1520	rBV	27841919	69118093	15.81%	0.893%
27	12.181	1536	1563	1564	rBV5	60756123	437151098	100.00%	5.649%
28	12.410	1582	1602	1604	rBV4	69572252	349509799	79.95%	4.517%
29	13.110	1712	1721	1733	rBV3	50059456	126588006	28.96%	1.636%
30	13.246	1733	1744	1747	rBV5	7827528	22060776	5.05%	0.285%
31	13.322	1747	1757	1770	rVB4	52803469	196754177	45.01%	2.543%
32	13.504	1770	1788	1790	rBV3	77654353	342508538	78.35%	4.426%
33	13.557	1795	1797	1801	rVB	17564152	16945634	3.88%	0.219%
34	13.669	1801	1816	1818	rBV6	68938132	290925004	66.55%	3.760%

LSC Area Percent Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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-BN041919MA.M
Title : SVOA CALIBRATION

35	13.728	1821	1826	1829	rVB3	70287075	135269155	30.94%	1.748%
36	13.793	1829	1837	1841	rVB3	68797627	168252816	38.49%	2.174%
37	13.899	1844	1855	1866	rVB2	62923118	223009969	51.01%	2.882%
38	14.063	1867	1883	1888	rBV4	80409534	230964237	52.83%	2.985%
39	14.198	1901	1906	1910	rBV	20731831	29439350	6.73%	0.380%
40	14.275	1910	1919	1925	rVB3	53836697	104638434	23.94%	1.352%
41	14.375	1925	1936	1940	rBV3	36946701	115646355	26.45%	1.495%
42	14.504	1950	1958	1965	rVB2	38351753	104361431	23.87%	1.349%
43	14.581	1965	1971	1975	rBV	14073619	27049241	6.19%	0.350%
44	14.693	1979	1990	1996	rBV3	53763407	134261606	30.71%	1.735%
45	14.775	1996	2004	2008	rVB2	46515218	85455256	19.55%	1.104%
46	14.910	2016	2027	2031	rBV3	61109192	156630536	35.83%	2.024%
47	14.969	2033	2037	2040	rVB	27520220	34344415	7.86%	0.444%
48	14.993	2040	2041	2046	rVB	20732769	19952764	4.56%	0.258%
49	15.057	2046	2052	2054	rBV	25272985	44189940	10.11%	0.571%
50	15.169	2065	2071	2076	rVB3	38391305	74466331	17.03%	0.962%
51	15.240	2077	2083	2086	rBV2	25256577	44793025	10.25%	0.579%
52	15.281	2086	2090	2095	rVB2	45592613	73902645	16.91%	0.955%
53	15.375	2095	2106	2112	rVB5	61341776	195167282	44.65%	2.522%
54	15.463	2112	2121	2124	rBV3	28312120	61130352	13.98%	0.790%
55	15.498	2124	2127	2131	rVB3	13397613	16371068	3.74%	0.212%
56	15.545	2131	2135	2140	rBV3	24059483	37551720	8.59%	0.485%
57	15.628	2143	2149	2155	rBV3	24684597	51762332	11.84%	0.669%
58	15.675	2155	2157	2164	rVB4	14192855	22402894	5.12%	0.290%
59	15.751	2164	2170	2172	rBV	34657131	60409383	13.82%	0.781%
60	15.998	2206	2212	2216	rBV3	21855232	40389595	9.24%	0.522%
61	16.340	2259	2270	2274	rVV3	34115926	98405712	22.51%	1.272%
62	16.392	2274	2279	2283	rVB2	38579779	60319166	13.80%	0.780%
63	16.487	2289	2295	2299	rVB	22906555	35362106	8.09%	0.457%
64	16.598	2310	2314	2317	rVB3	11316251	16393100	3.75%	0.212%
65	16.681	2325	2328	2335	rVB3	15221364	24165779	5.53%	0.312%
66	16.840	2346	2355	2364	rVB3	25738643	58962183	13.49%	0.762%
67	17.140	2384	2406	2409	rBV3	71324846	364276770	83.33%	4.708%
68	17.198	2409	2416	2419	rBV2	45523584	82245890	18.81%	1.063%
69	17.540	2470	2474	2478	rVB2	15087479	18908729	4.33%	0.244%
70	17.598	2478	2484	2491	rVB2	15081432	26693257	6.11%	0.345%
71	17.739	2500	2508	2514	rVB3	12234528	31950672	7.31%	0.413%

LSC Area Percent Report

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Misc :
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Instrument : BNA_N
ClientSampleId : GAHR1

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Title : SVOA CALIBRATION

72	17.916	2529	2538	2542	rBV3	53313788	132526949	30.32%	1.713%
73	17.981	2542	2549	2552	rVB3	58993967	120246816	27.51%	1.554%
74	18.045	2554	2560	2564	rBV	24178316	38998355	8.92%	0.504%
75	18.110	2564	2571	2575	rBV2	59803326	127987049	29.28%	1.654%
76	18.157	2575	2579	2584	rVB2	46000882	69868609	15.98%	0.903%
77	18.410	2616	2622	2626	rVB	35797793	54772099	12.53%	0.708%
78	18.457	2626	2630	2638	rVB4	11810096	20372324	4.66%	0.263%
79	18.645	2658	2662	2667	rBV3	12941569	18477044	4.23%	0.239%
80	18.698	2667	2671	2674	rVB	13231140	16329748	3.74%	0.211%
81	18.828	2682	2693	2697	rBV3	30228002	66318806	15.17%	0.857%
82	18.886	2697	2703	2707	rVV4	13539746	33432565	7.65%	0.432%
83	18.922	2707	2709	2713	rVB	19054001	20152502	4.61%	0.260%
84	19.098	2731	2739	2745	rBV3	51501386	103851514	23.76%	1.342%
85	19.163	2745	2750	2753	rVV	12492194	19077535	4.36%	0.247%
86	19.251	2759	2765	2769	rVV2	29310925	48237245	11.03%	0.623%
87	19.481	2791	2804	2808	rVB2	53499341	134469136	30.76%	1.738%
88	19.781	2850	2855	2865	rVB3	13987548	29433463	6.73%	0.380%
89	19.922	2873	2879	2882	rVV3	13154996	28387410	6.49%	0.367%
90	19.963	2882	2886	2890	rVB	26998570	39096433	8.94%	0.505%
91	20.063	2898	2903	2908	rBV	22794314	32773338	7.50%	0.424%
92	20.122	2908	2913	2916	rVB	16502760	20991252	4.80%	0.271%
93	20.257	2931	2936	2940	rVV	14679959	23624732	5.40%	0.305%
94	20.304	2940	2944	2951	rVB	20564237	31527920	7.21%	0.407%
95	21.228	3095	3101	3105	rBV2	37209318	60613977	13.87%	0.783%
96	21.286	3106	3111	3116	rVB	32330992	48755717	11.15%	0.630%
97	21.798	3192	3198	3202	rVV	15973991	27558913	6.30%	0.356%
98	22.810	3363	3370	3380	rVB2	10724340	36117832	8.26%	0.467%
99	23.369	3458	3465	3472	rVB	15874086	30429704	6.96%	0.393%
100	25.645	3843	3852	3862	rVB2	5185543	15670666	3.58%	0.203%

Sum of corrected areas: 7737885015

LSC Report - Integrated Chromatogram

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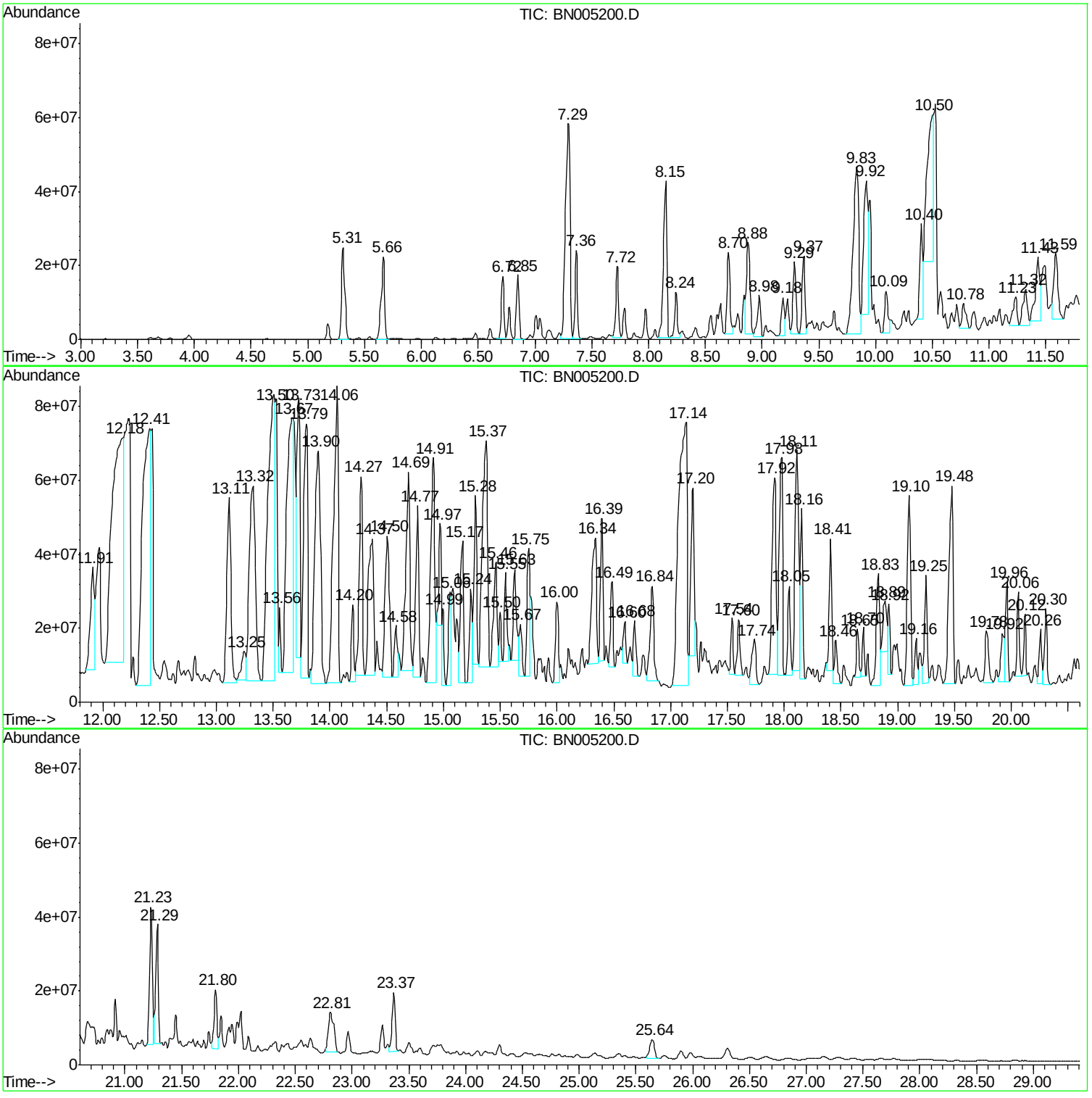
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
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Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

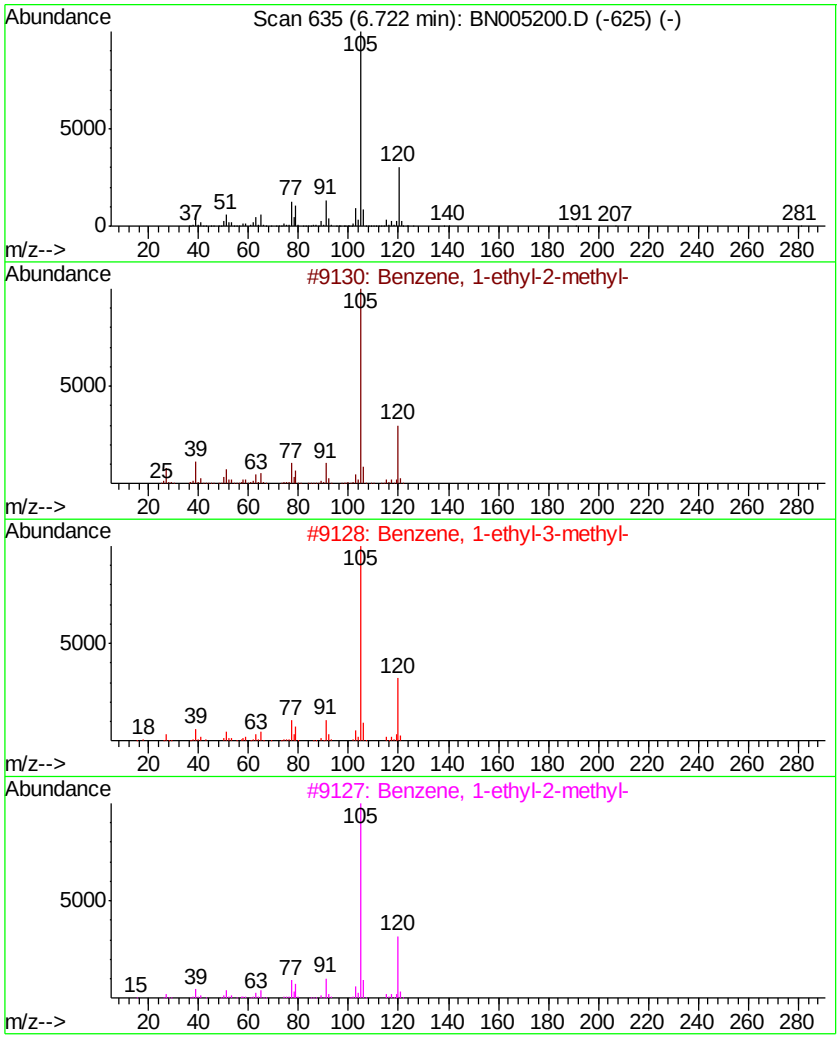
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

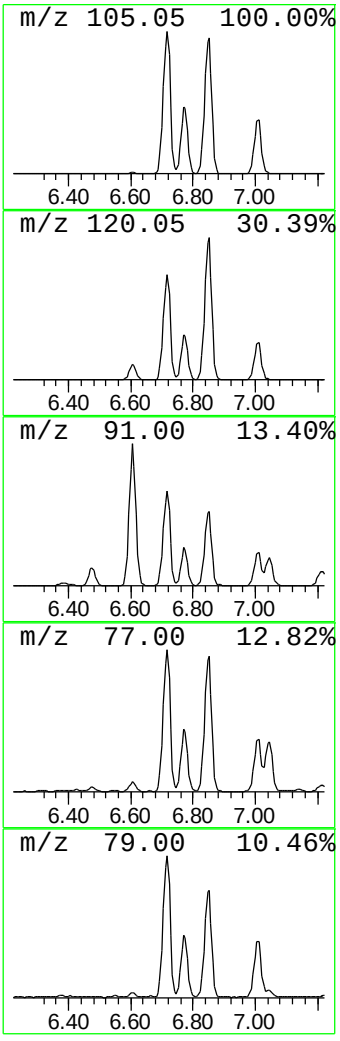
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	16.53 ng/ul	27045700	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

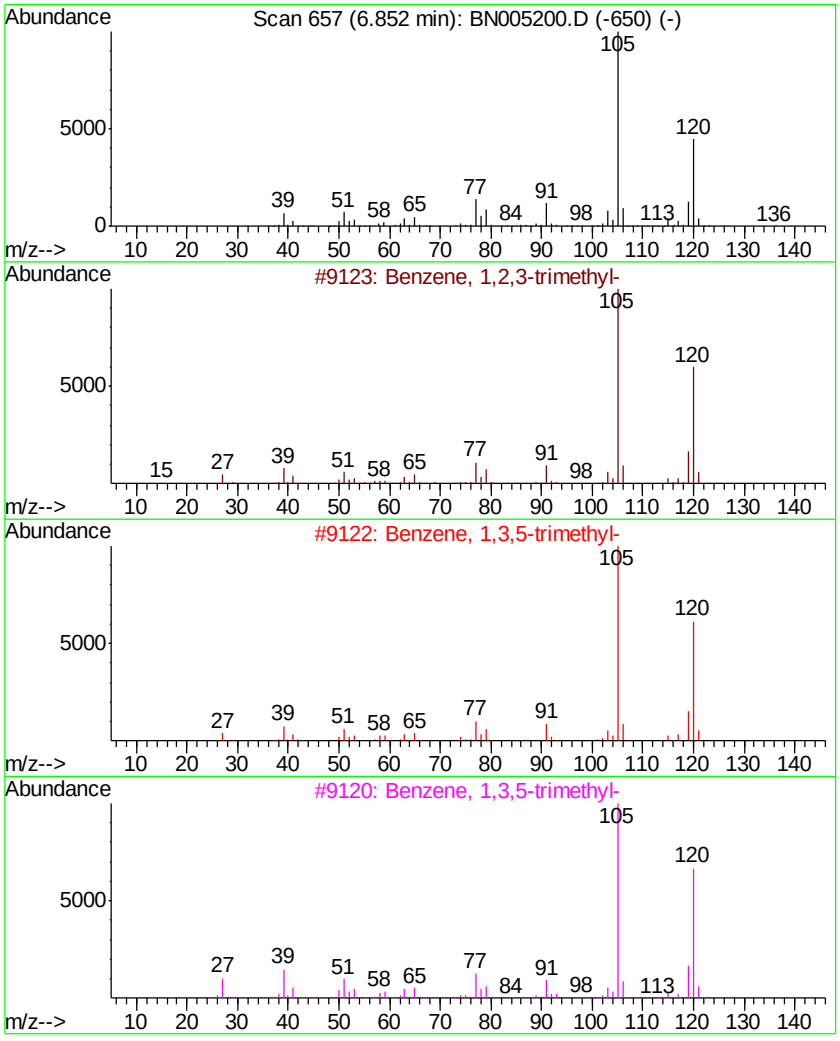
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

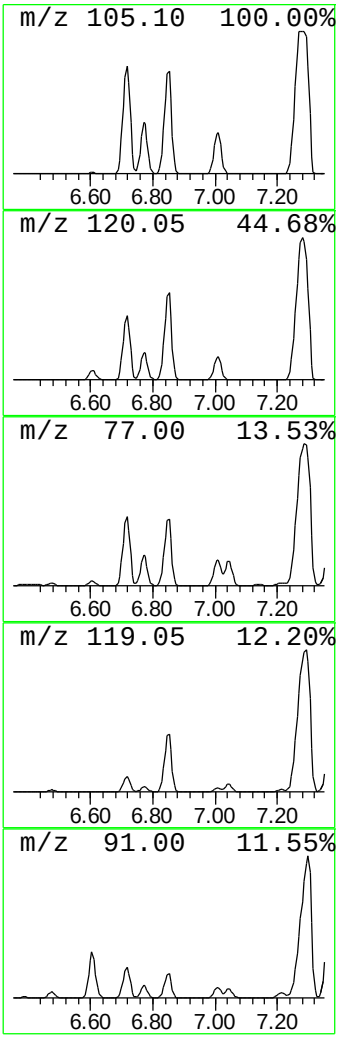
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	17.27 ng/ul	28241900	1,4-Dichlorobenzene-d4	7.60

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





Library Search Compound Report

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Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

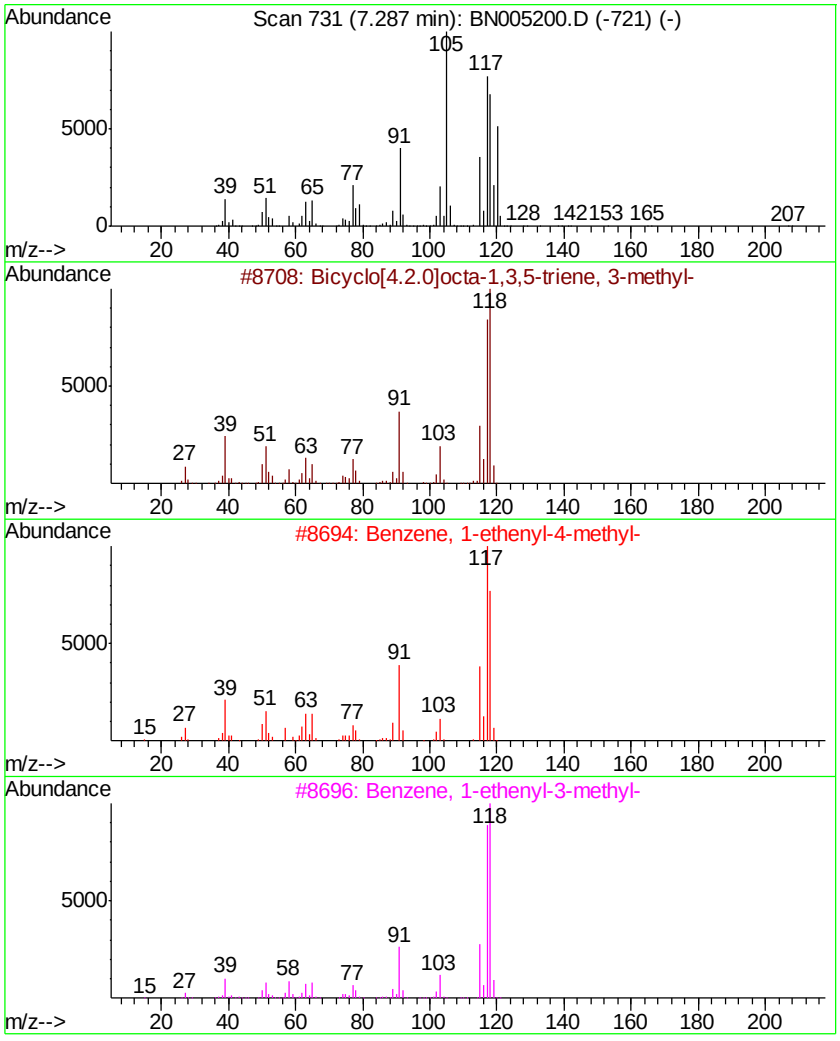
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

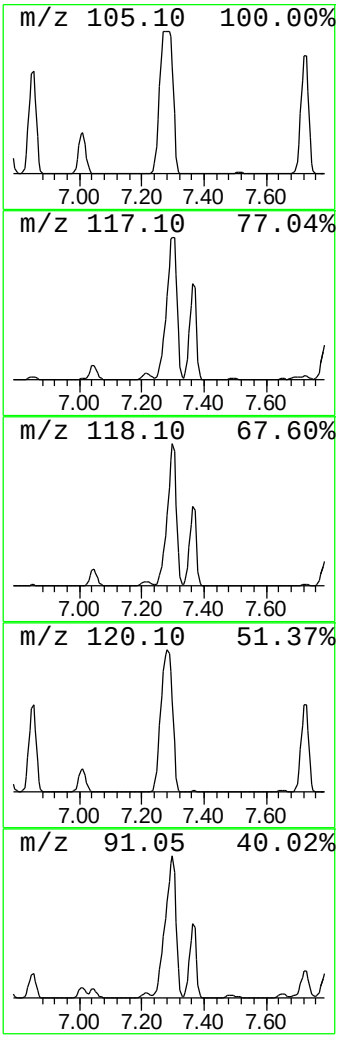
****

Peak Number 5 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	97.28 ng/ul	159134000	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	91
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	91
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	78
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

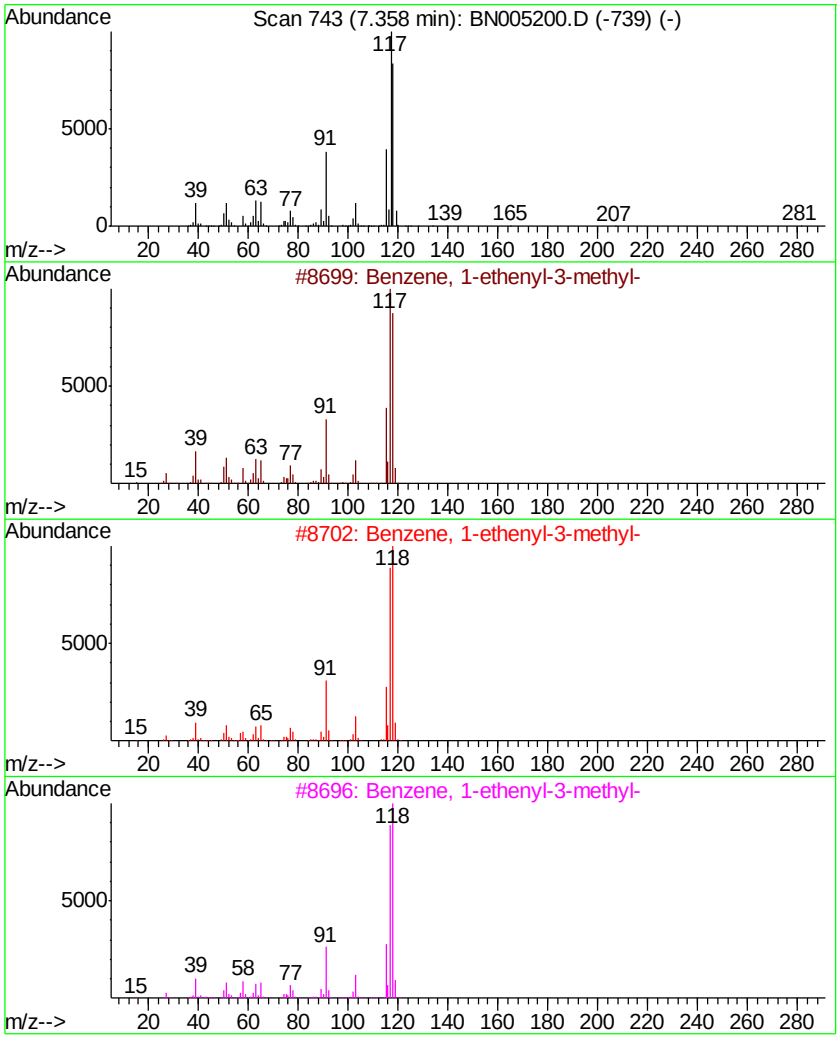
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

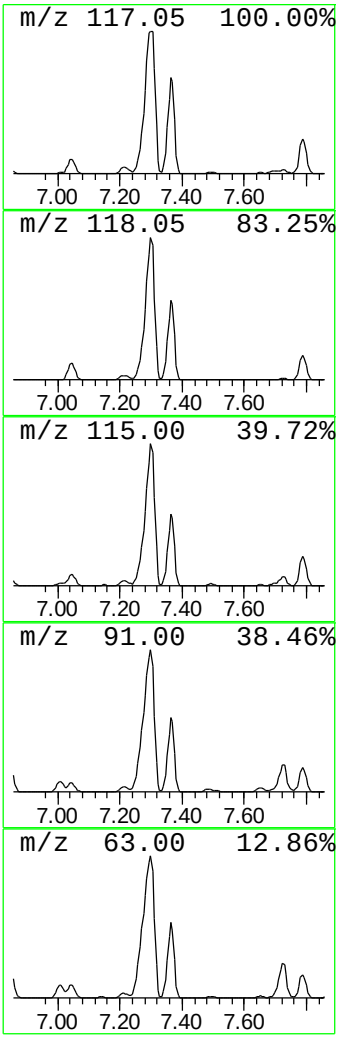
****

Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	21.83 ng/ul	35701600	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
3	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93





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Data File : BN005200.D
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Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

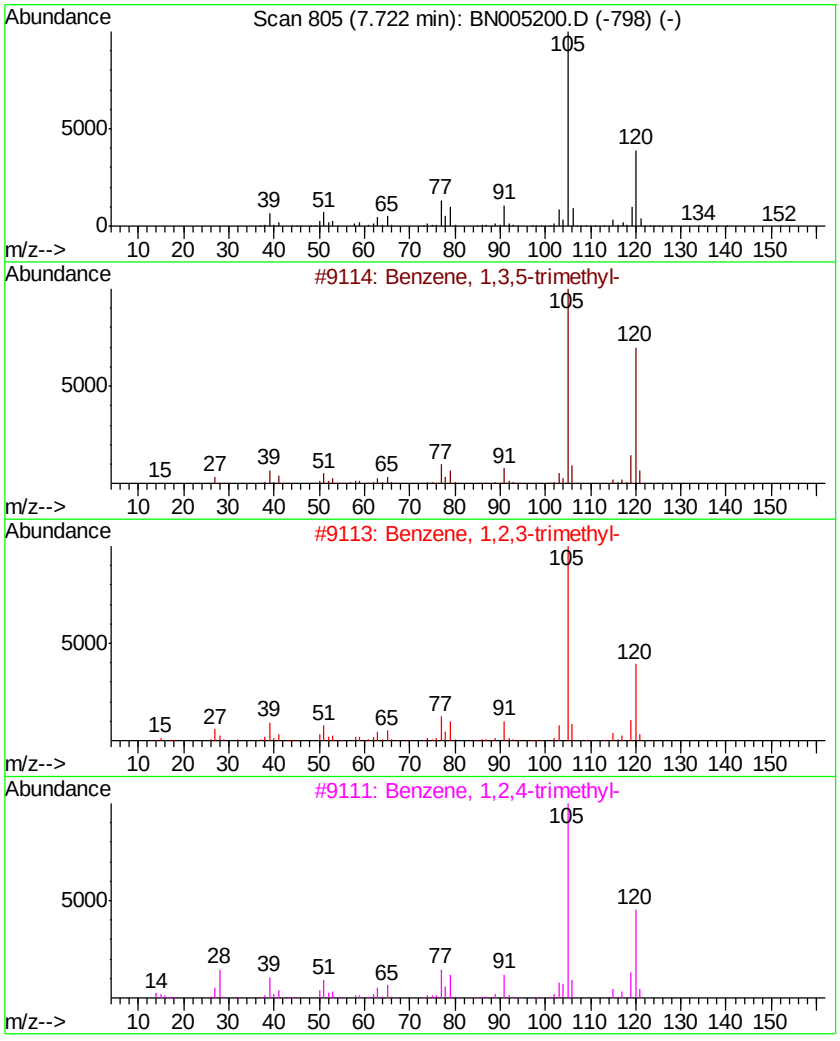
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

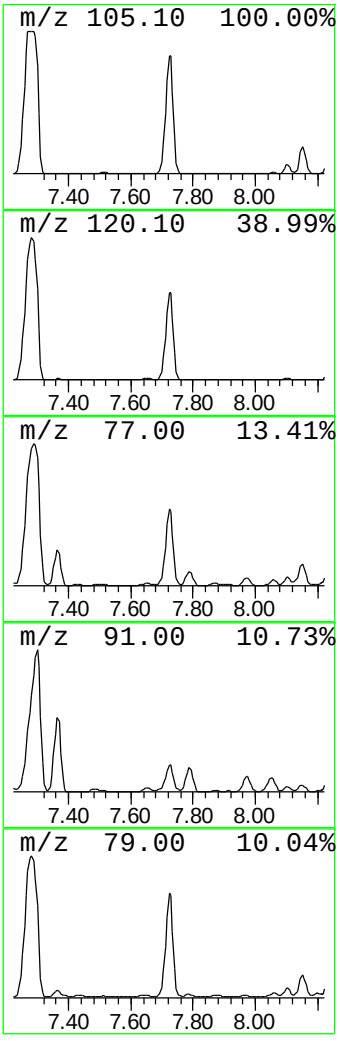
****

Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	20.00 ng/ul	32715100	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
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	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Operator : JU/SJ
Sample : K2455-11
Misc :
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Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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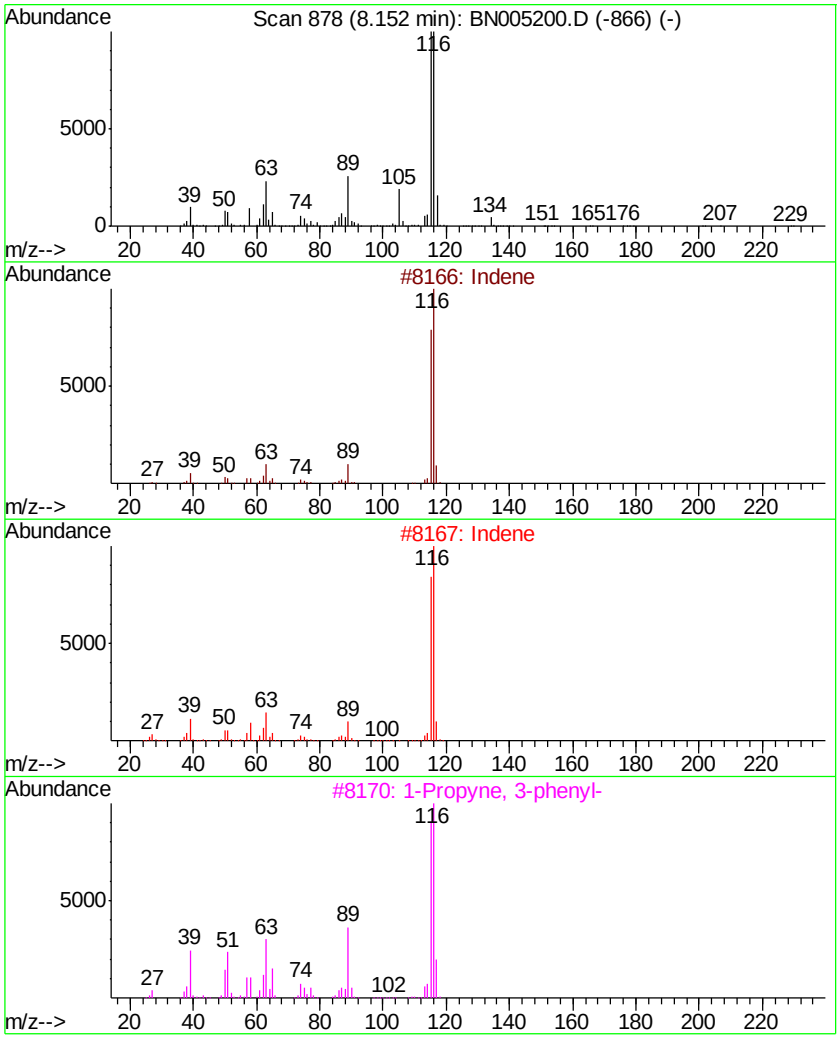
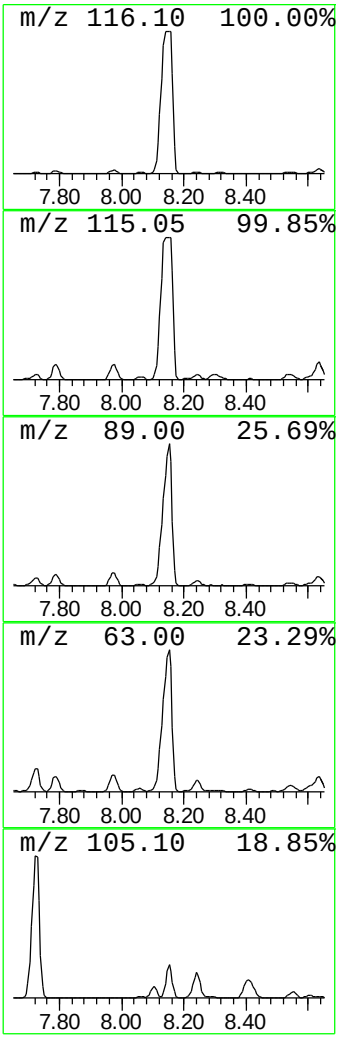
Peak Number 8 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	55.12 ng/ul	90157200	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Indene	116	C9H8	000095-13-6	90
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	83
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	72
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	60





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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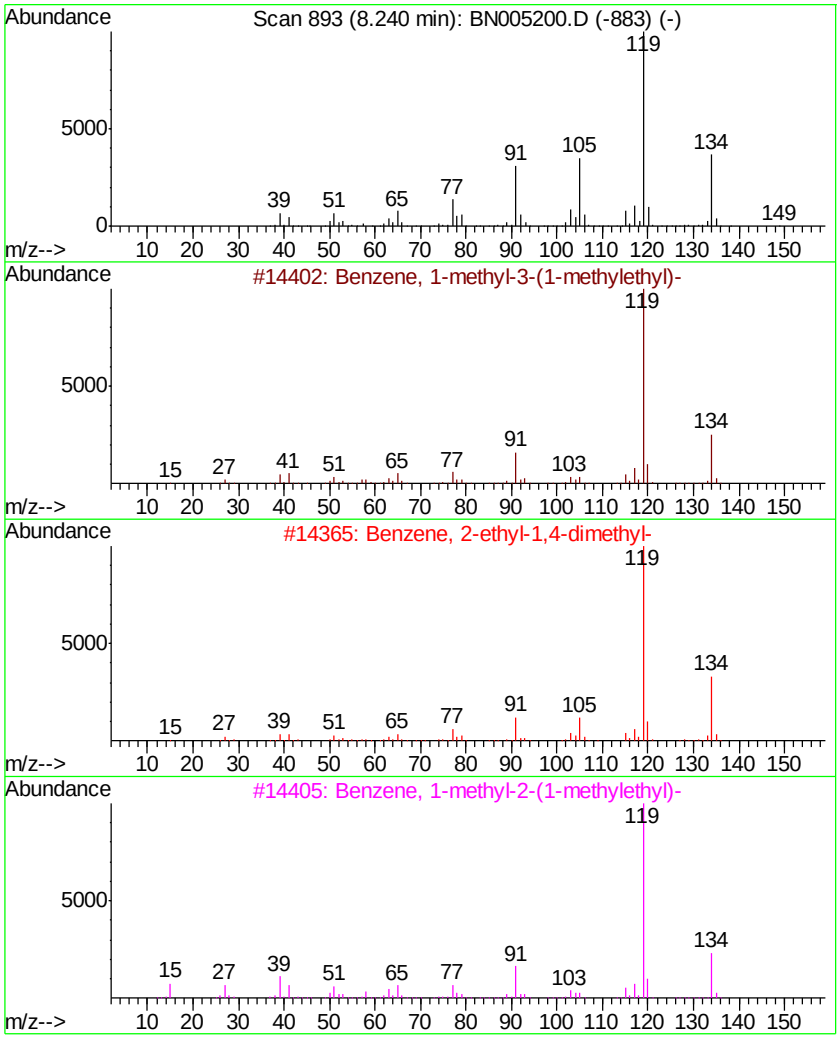
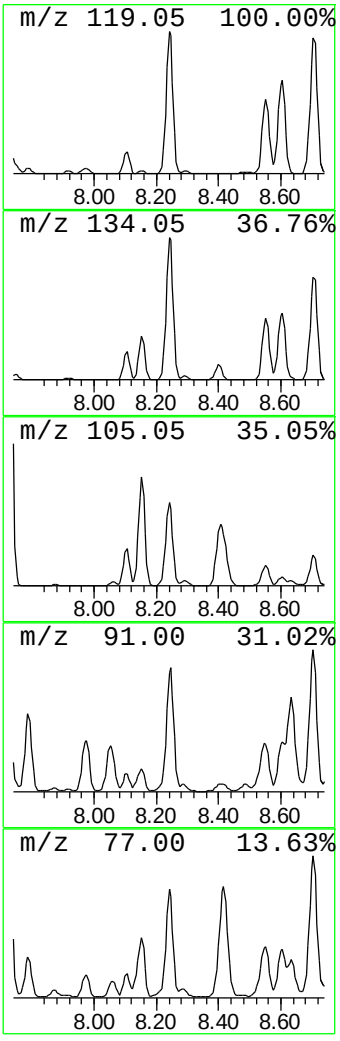
Peak Number 9 Benzene, 1-methyl-3-(1-meth... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	12.87 ng/ul	21045300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90





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ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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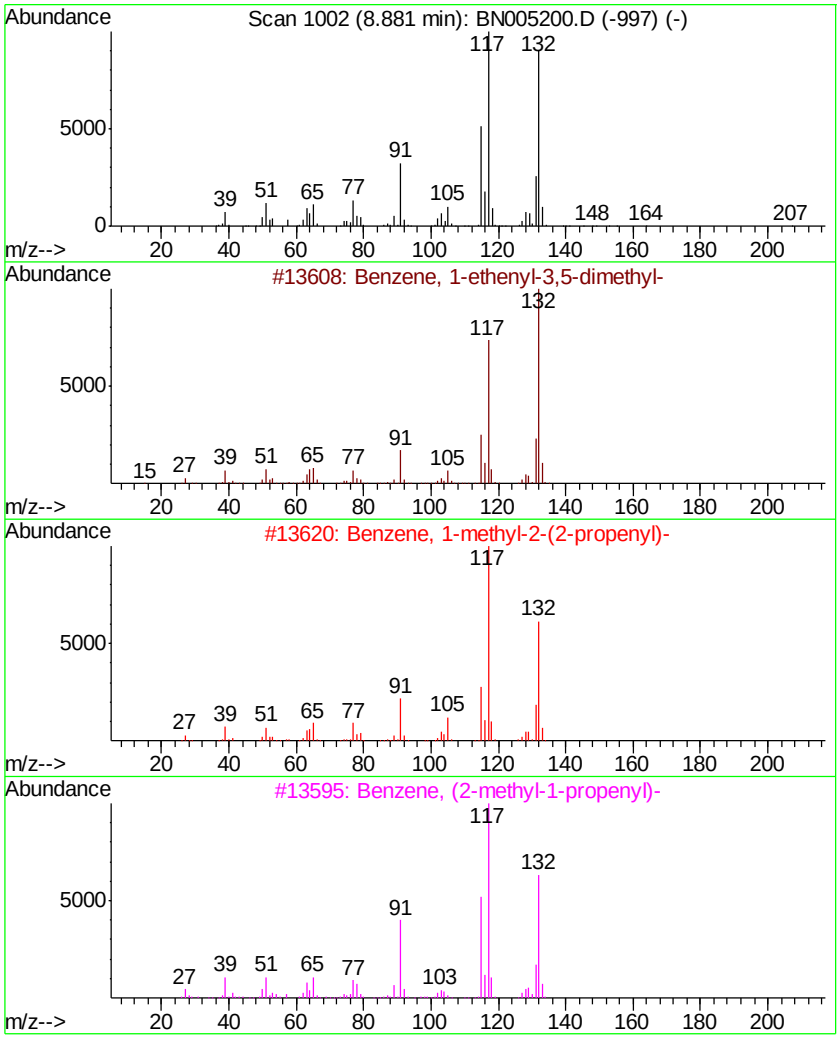
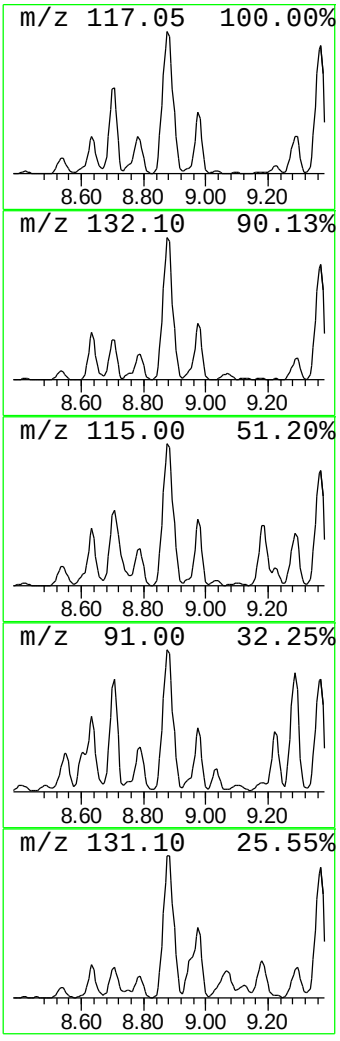
Peak Number 10 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	31.87 ng/ul	52131600	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	96
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94





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Operator : JU/SJ
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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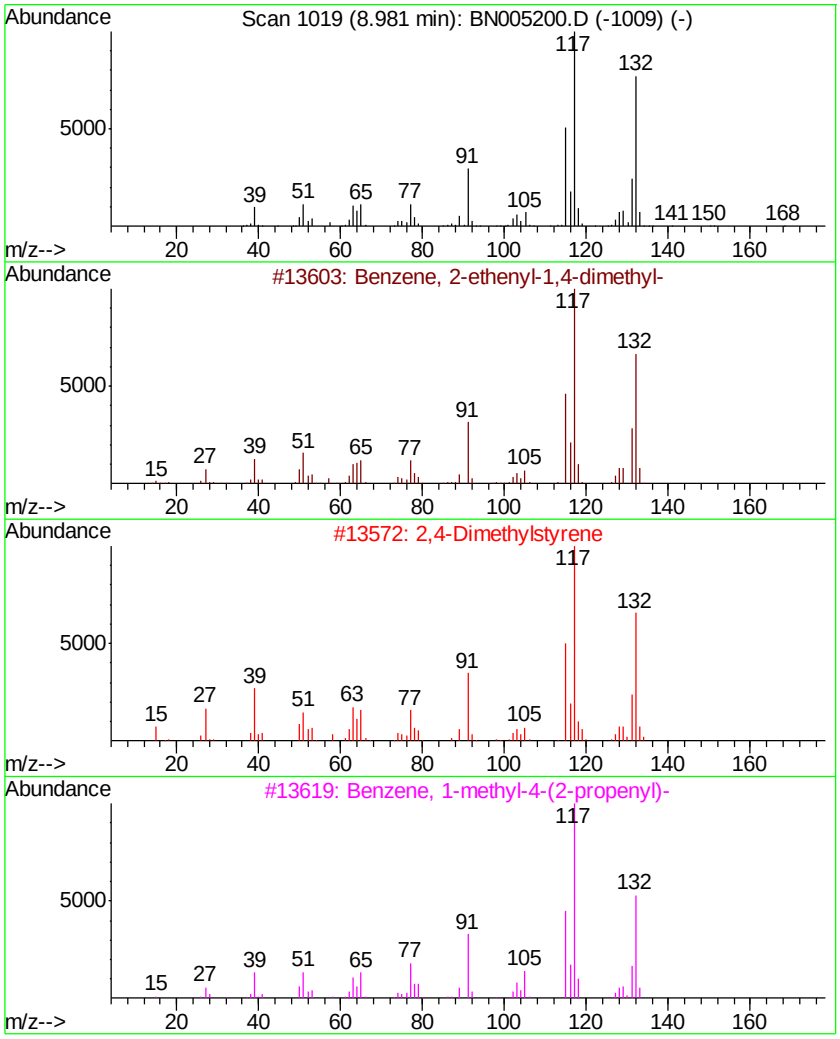
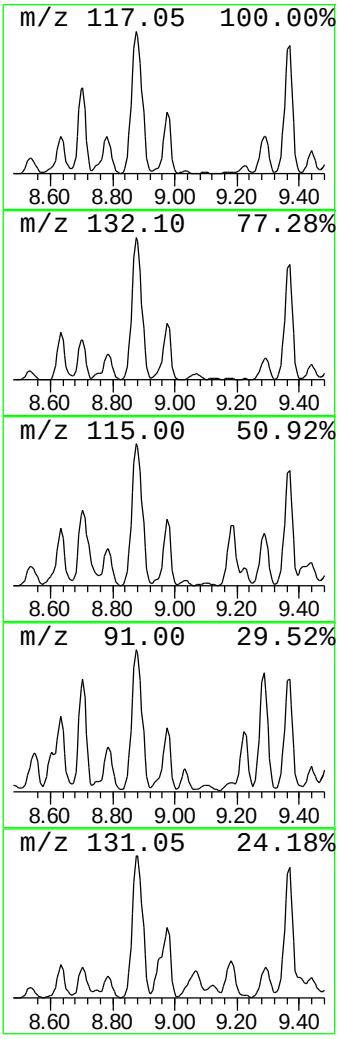
Peak Number 11 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.98	13.28 ng/ul	21730300	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	98
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	97
3	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94





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ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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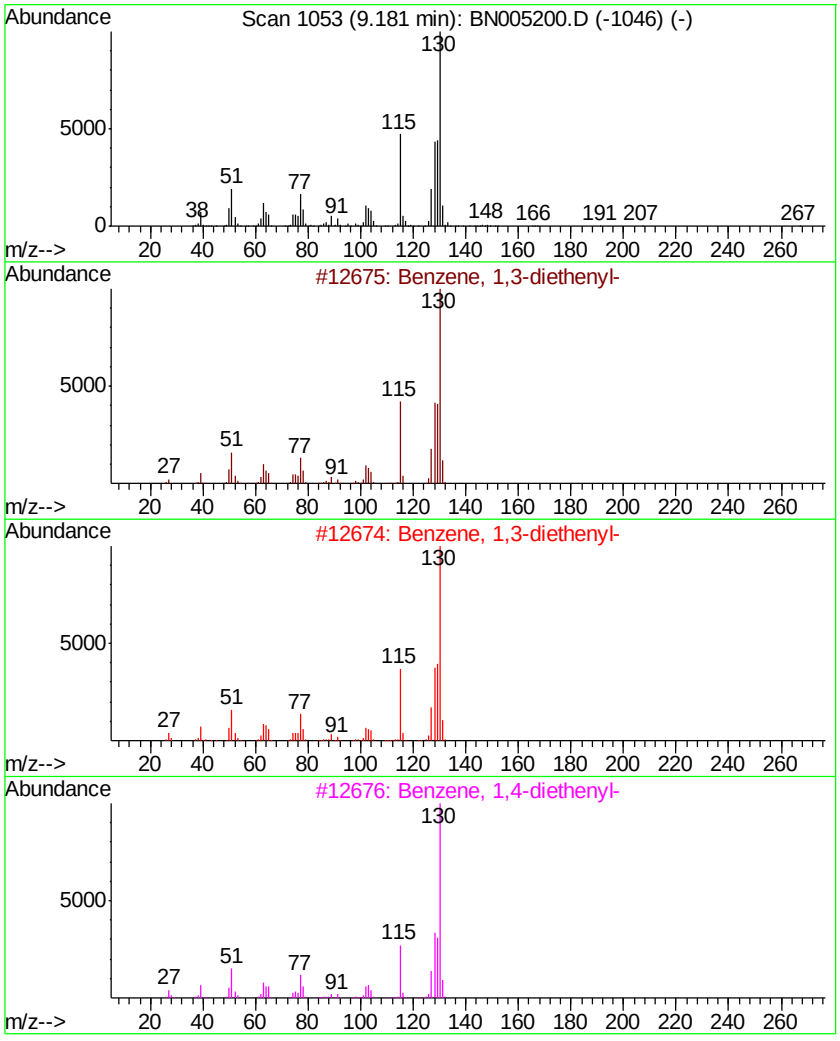
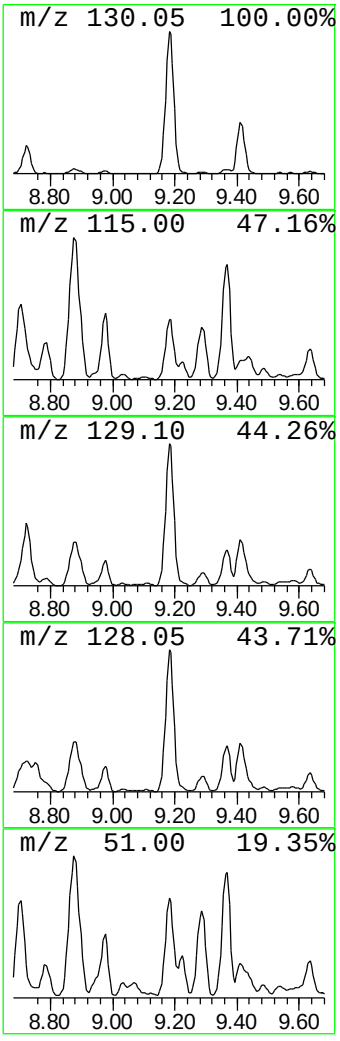
Peak Number 12 Benzene, 1,3-diethenyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	9.21 ng/ul	20147700	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	97
2	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	96
3	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	95
4	Benzene, 1,4-diethenyl-	130	C10H10	000105-06-6	95
5	Benzene, 1,3-diethenyl-	130	C10H10	000108-57-6	90





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Misc :
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Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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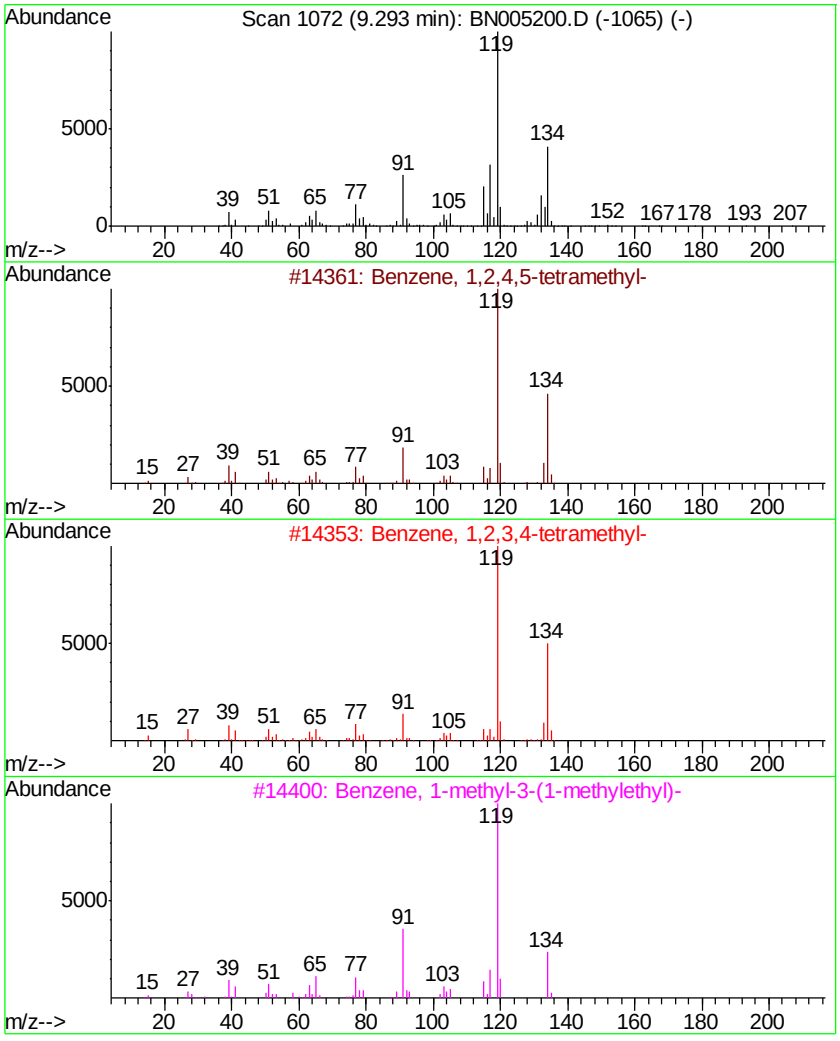
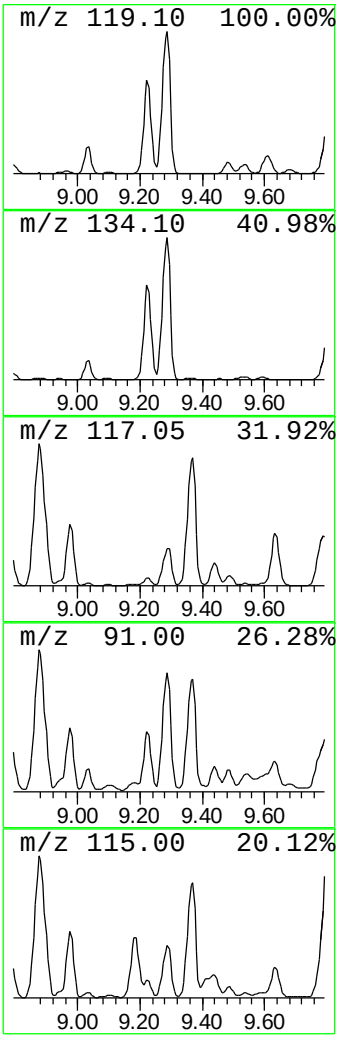
Peak Number 13 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	16.46 ng/ul	35984900	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76





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ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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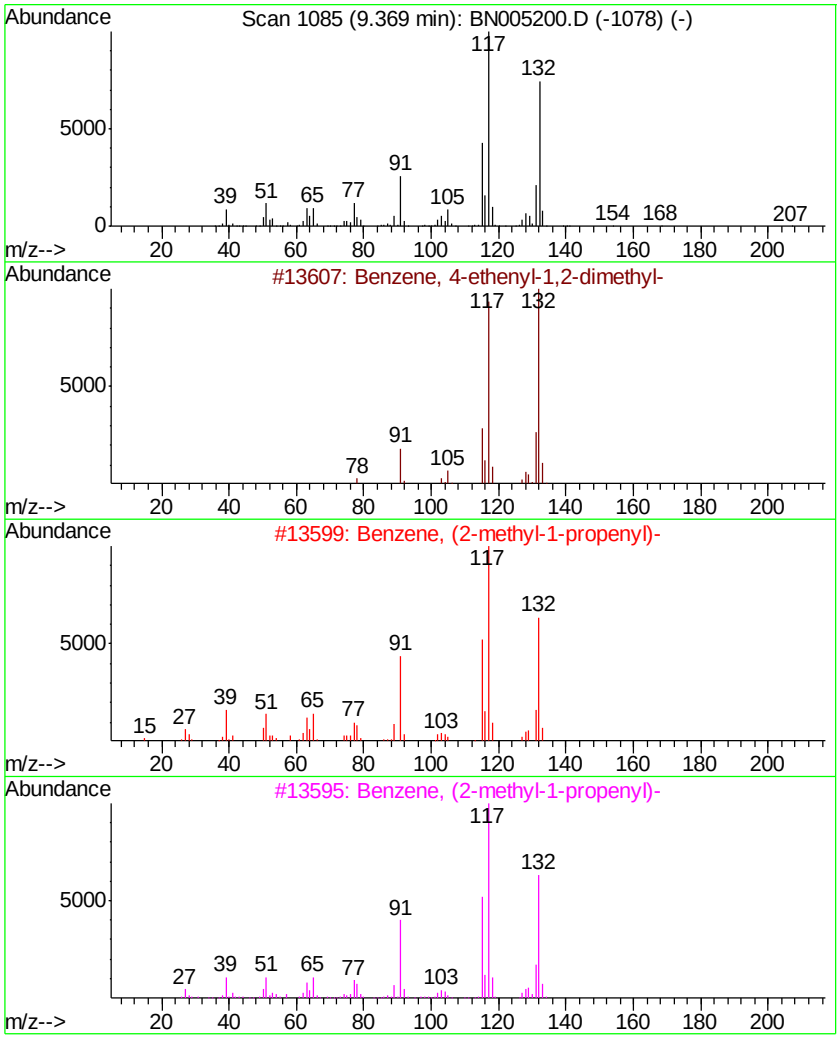
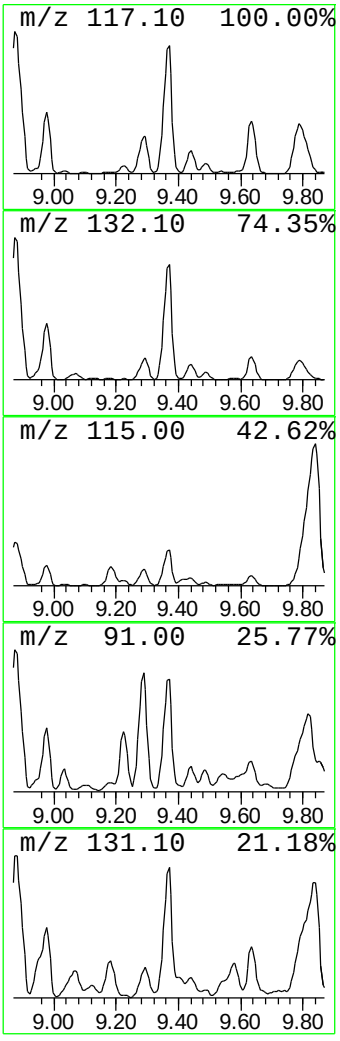
Peak Number 14 Benzene, 4-ethenyl-1,2-dime... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	17.16 ng/ul	37516500	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	97
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	94
5	Benzene, 1-butenyl-, (E)-	132	C10H12	001005-64-7	94





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Misc :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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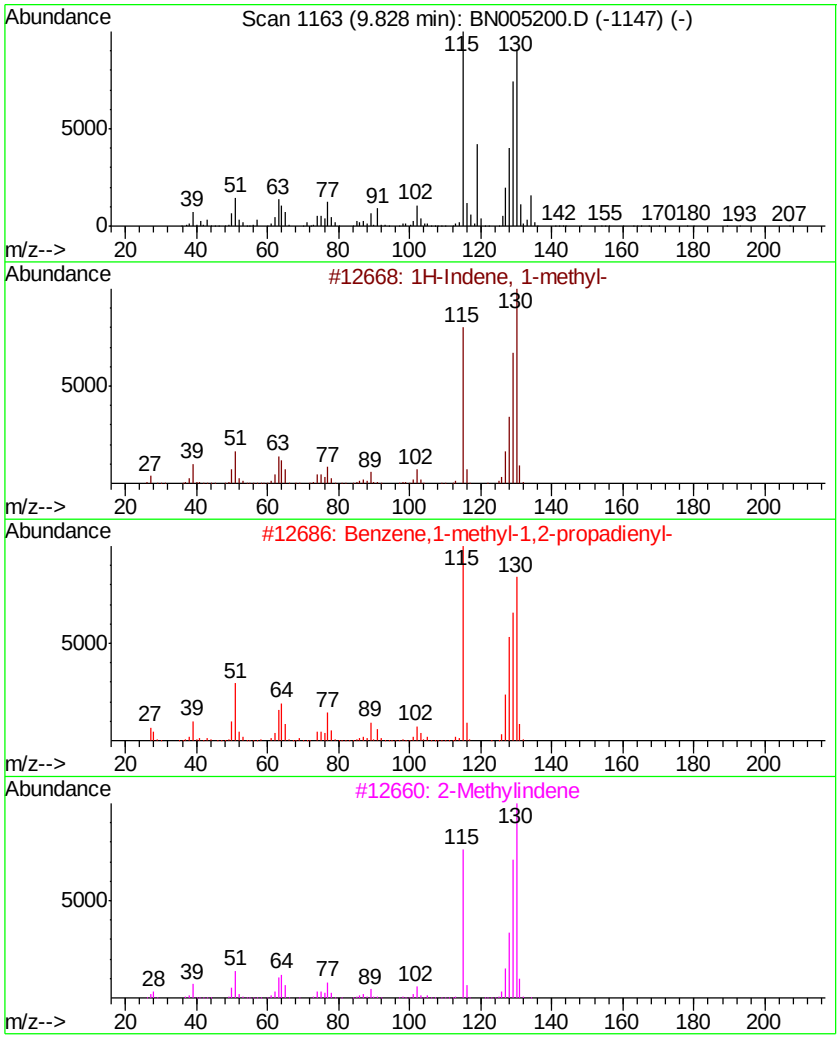
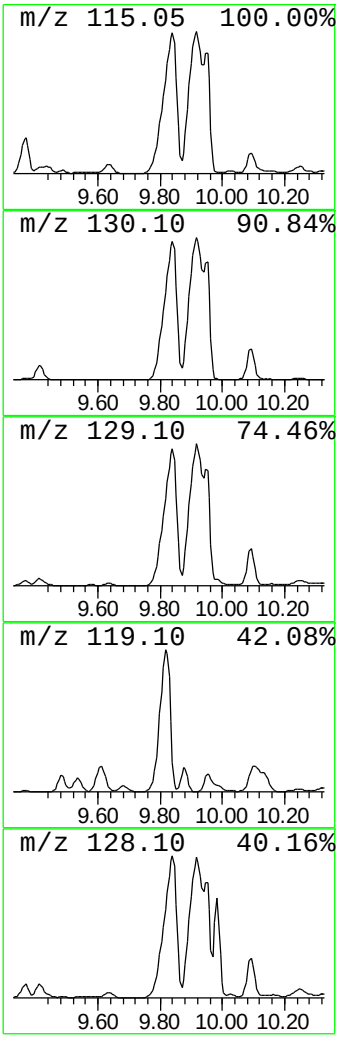
Peak Number 15 1H-Indene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	72.19 ng/ul	157855000	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3	2-Methylindene	130	C10H10	002177-47-1	95
4	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	90





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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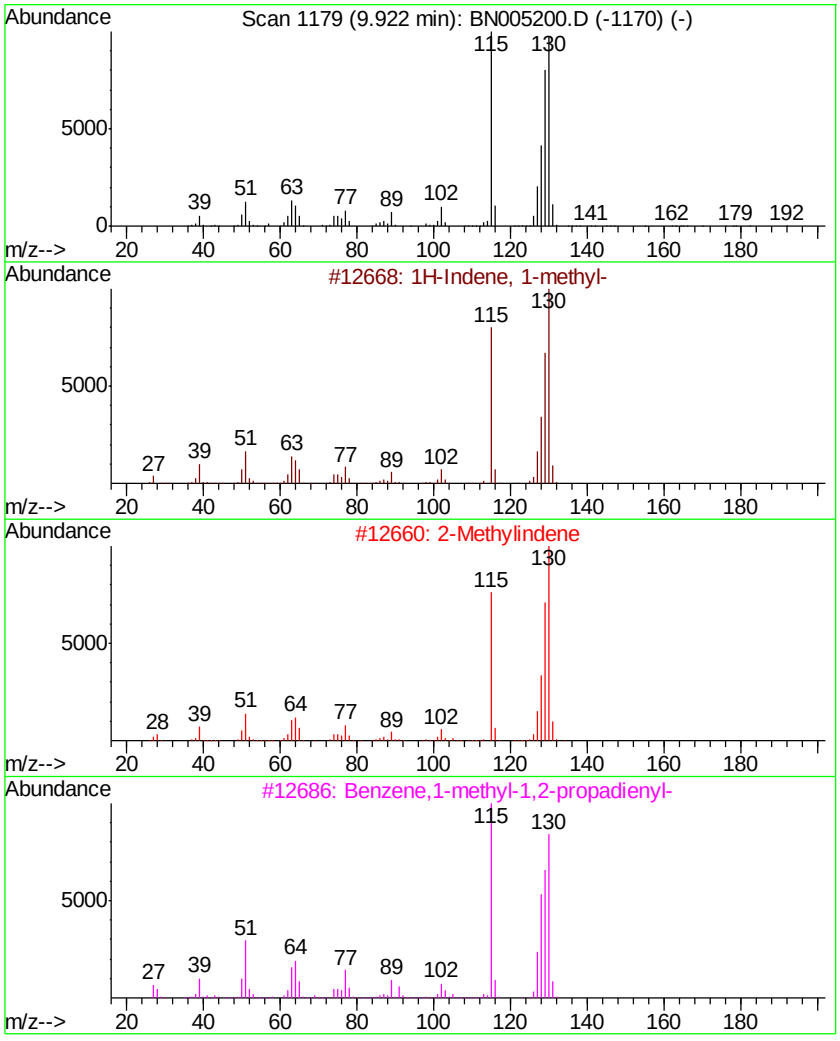
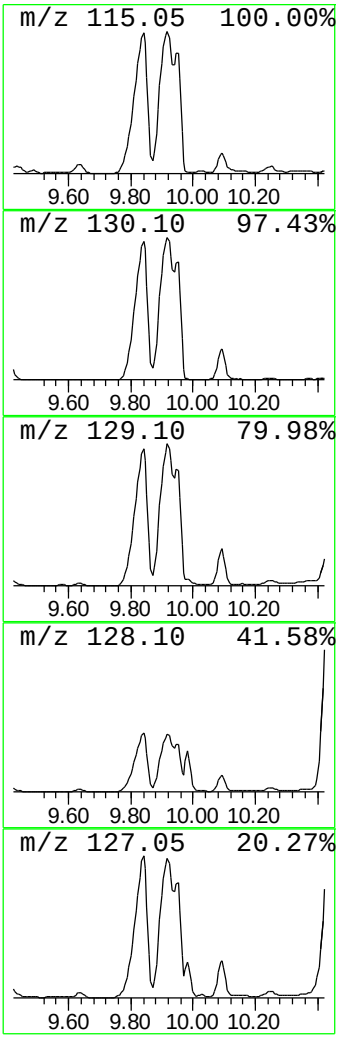
Peak Number 16 2-Methylindene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	47.87 ng/ul	104686000	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	2-Methylindene	130	C10H10	002177-47-1	95
3	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	94
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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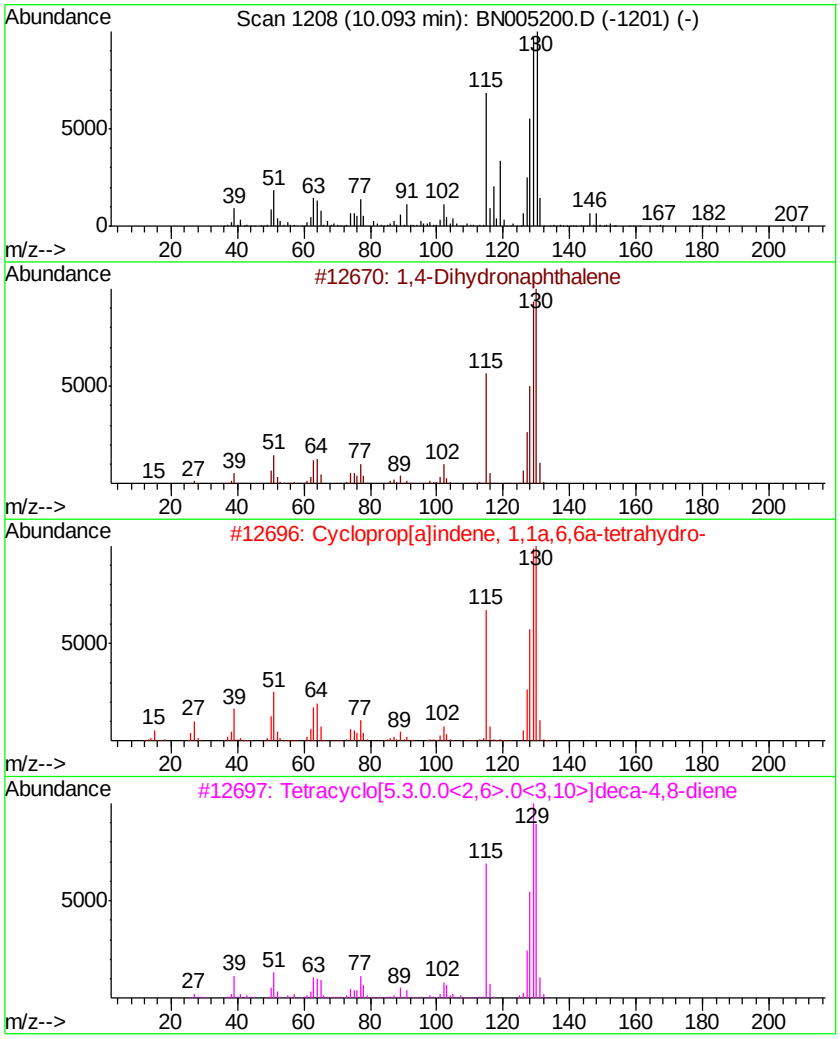
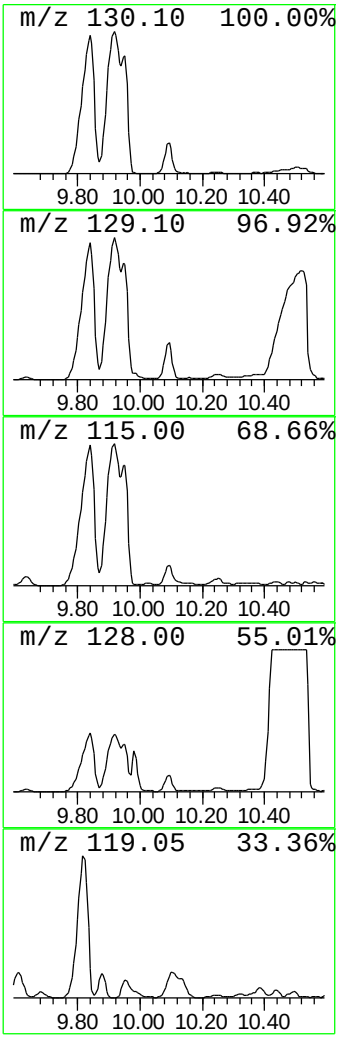
Peak Number 17 1,4-Dihydronaphthalene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	10.35 ng/ul	22626400	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	98
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	97
3	Tetracyclo[5.3.0.0<2,6>.0<3,10>]...	130	C10H10	034324-40-8	96
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	95
5	Triquinacene	130	C10H10	006053-74-3	89





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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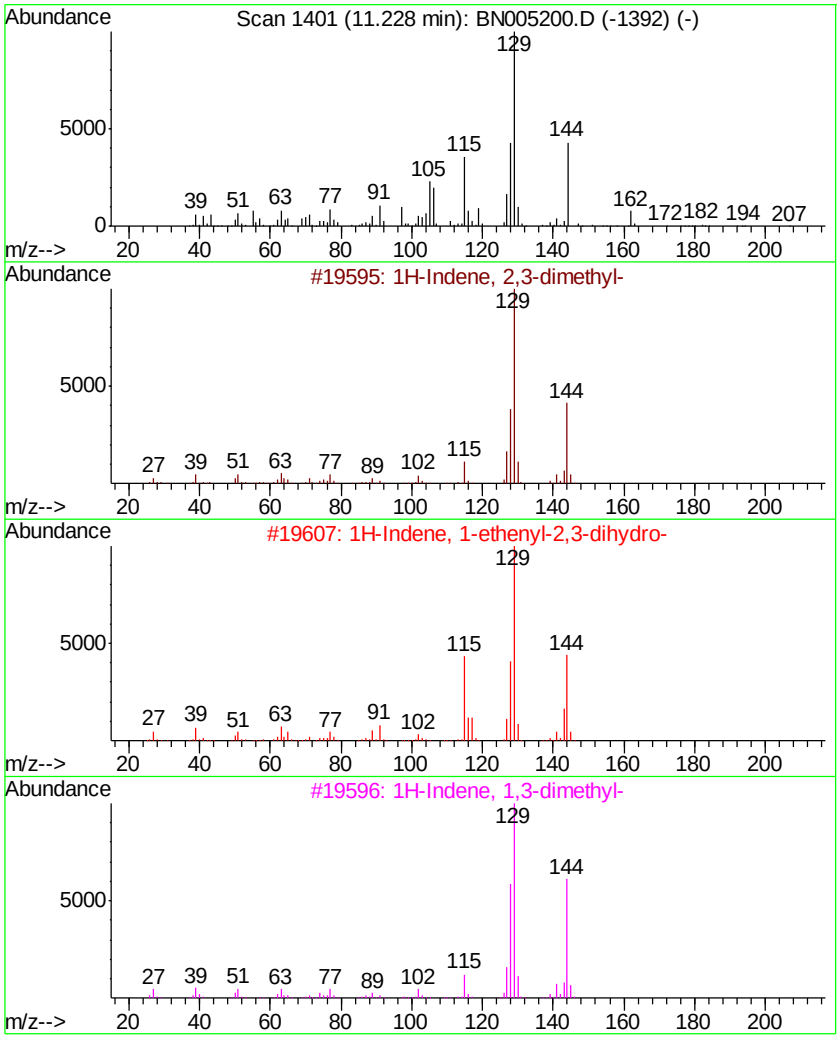
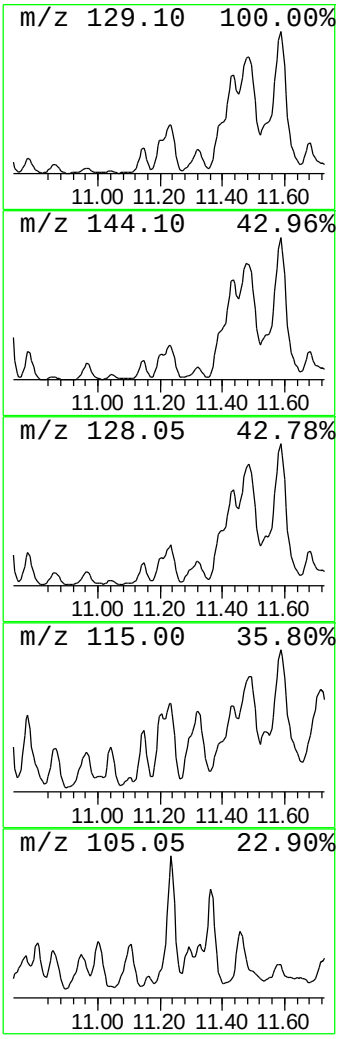
Peak Number 19 1H-Indene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.07 ng/ul	19829100	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	76
2	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	74
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	70
4	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	68
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	68





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Acq On : 23 Apr 2019 06:47
Operator : JU/SJ
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

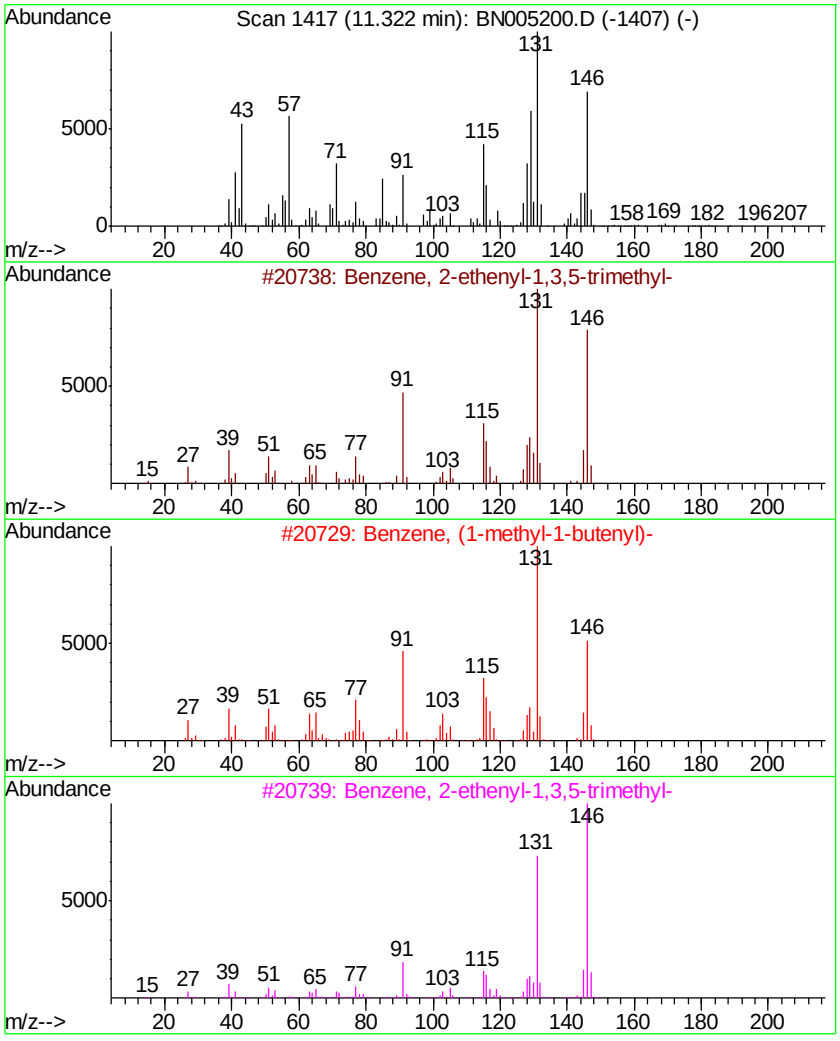
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

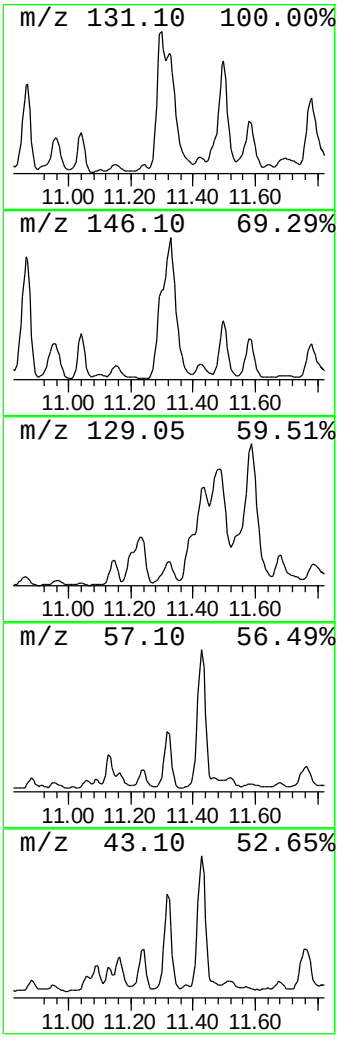
****

Peak Number 20 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	12.80 ng/ul	28000900	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	58
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	52
4	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	52
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	49





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Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

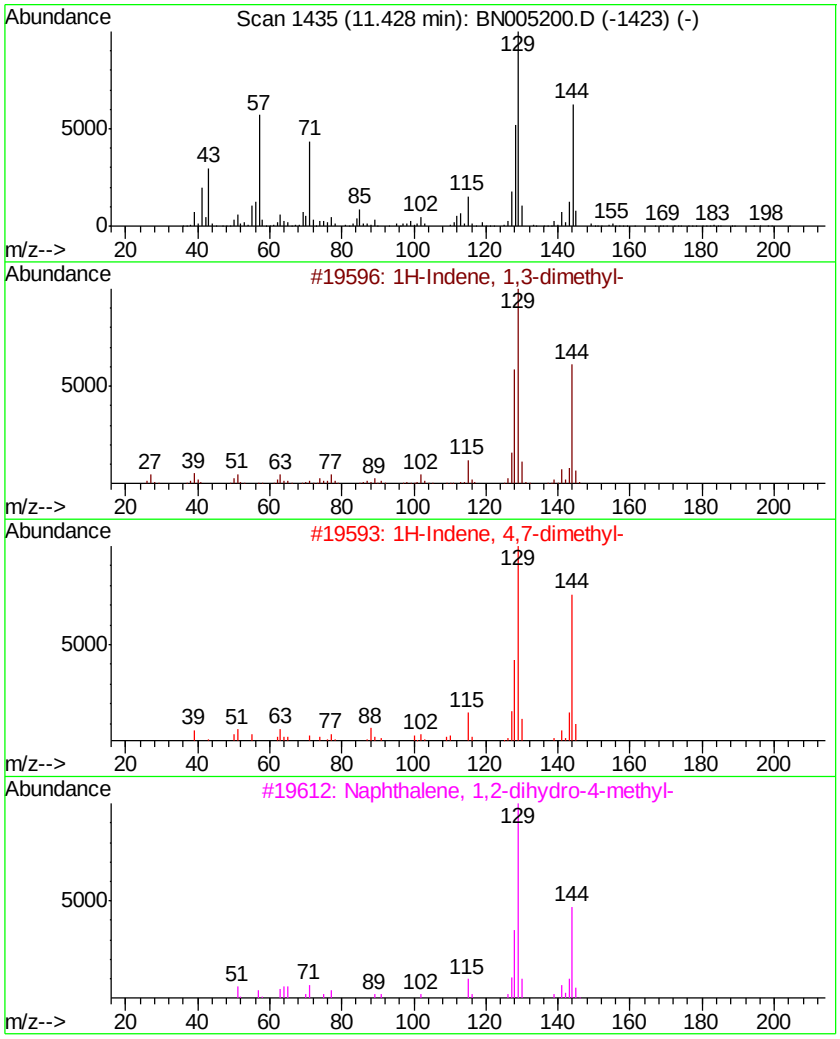
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

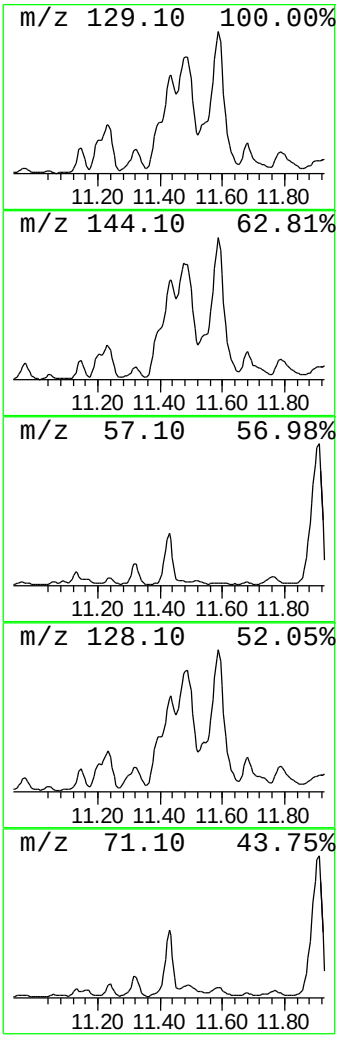
****

Peak Number 21 1H-Indene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	20.84 ng/ul	45569500	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	89
3	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	81
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	81
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	76





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Misc :
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ClientSampleId : GAHR1

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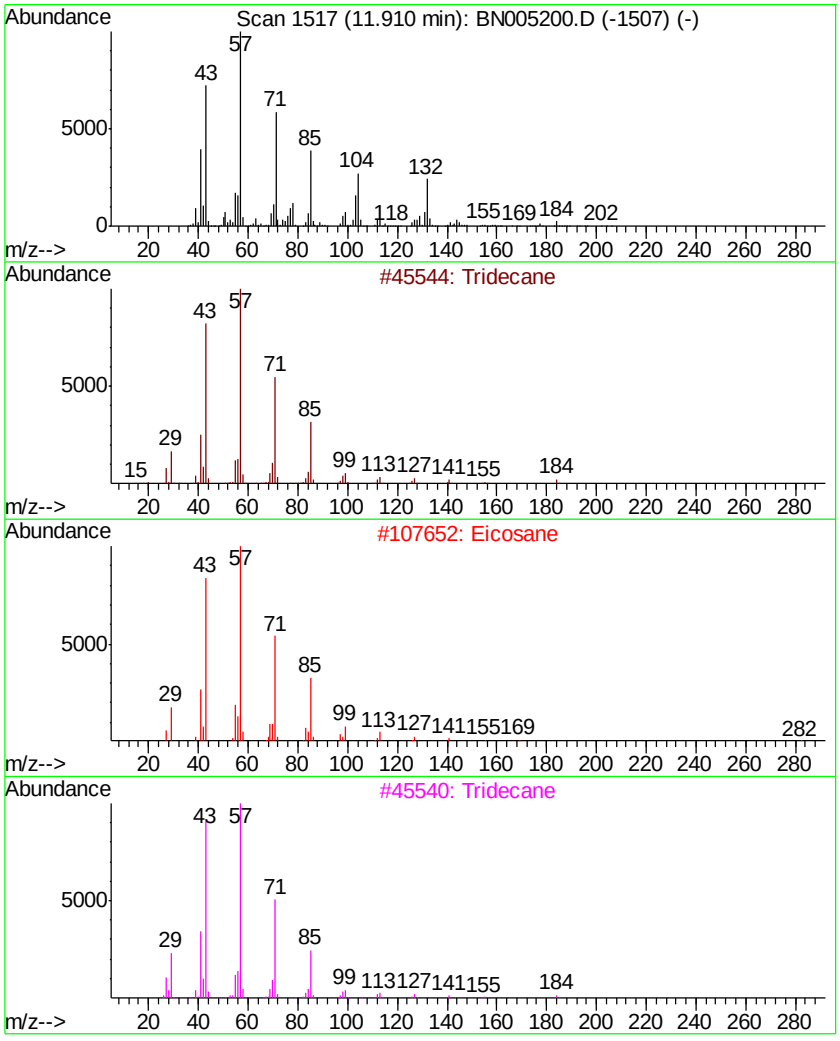
Quant Title : SVOA CALIBRATION

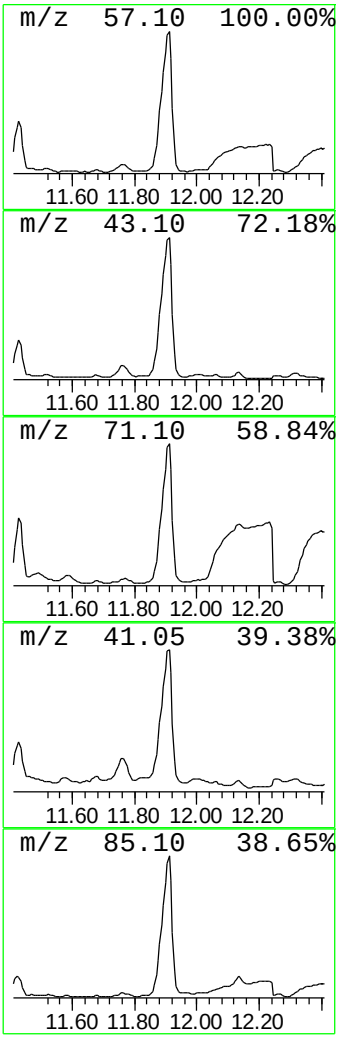
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.91	31.61 ng/ul	69118100	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Eicosane	282	C20H42	000112-95-8	53
3	Tridecane	184	C13H28	000629-50-5	50
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	49
5	Nonadecane	268	C19H40	000629-92-5	49





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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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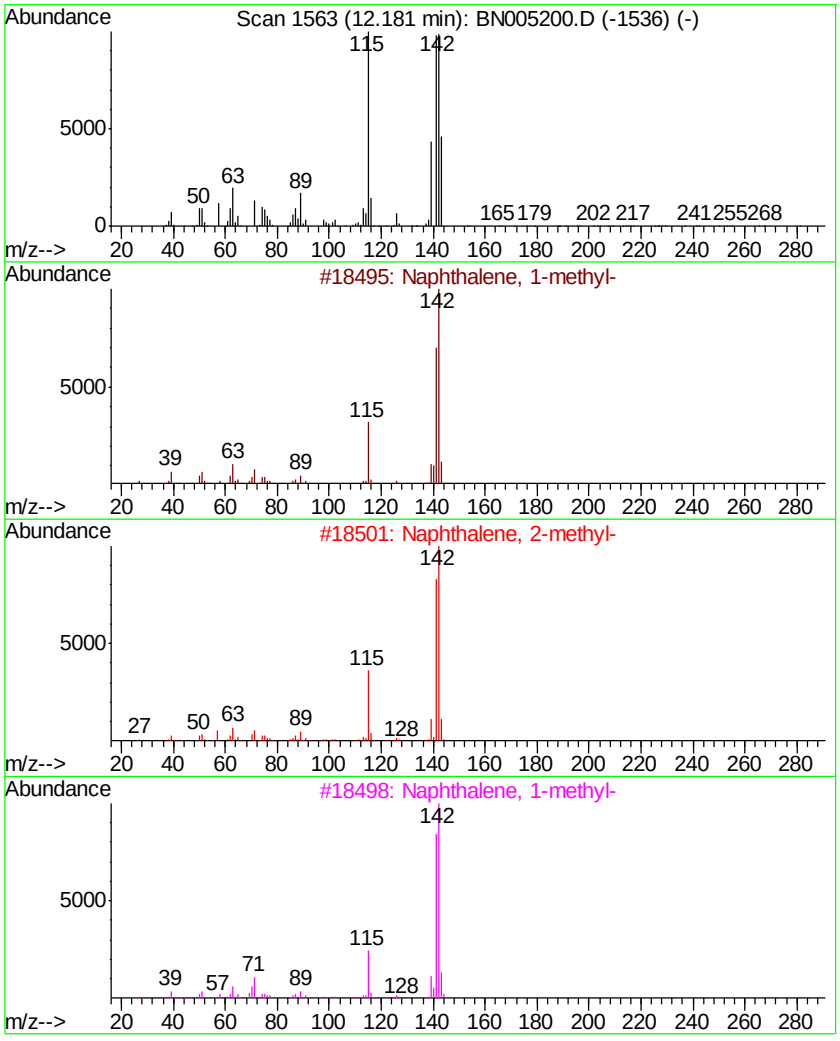
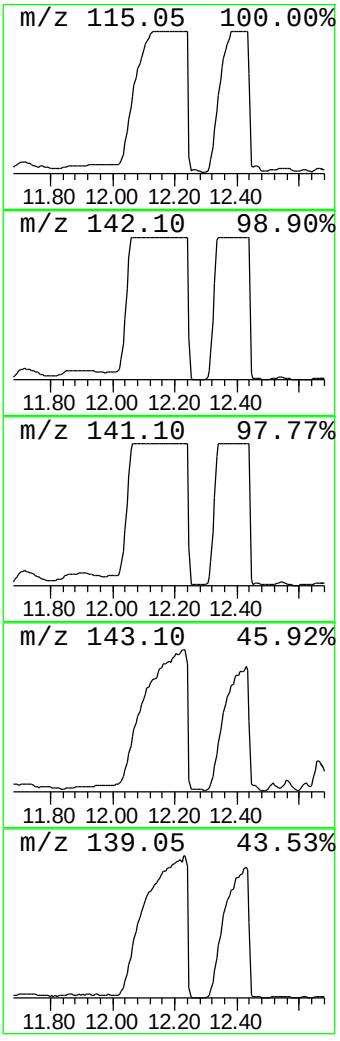
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	199.91 ng/ul	437151000	Naphthalene-d8	10.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	89
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
4	Benzocycloheptatriene	142	C11H10	000264-09-5	81
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	81





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ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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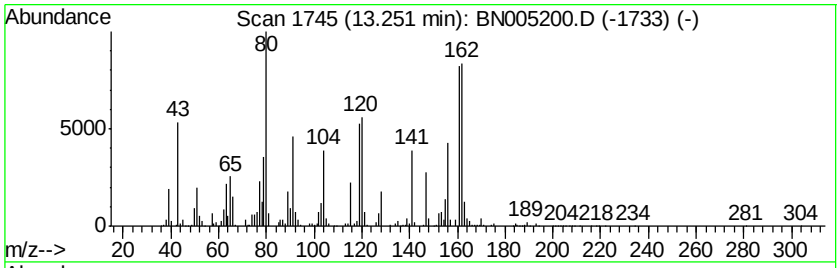
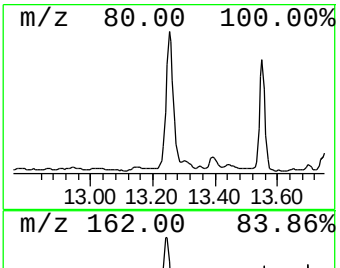
Peak Number 26 Bicyclo[2.2.2]octanone, 3-c... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	4.22 ng/ul	22060800	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.2]octanone, 3-chloro-	158	C8H11ClO	023804-48-0	27
2	1-Penten-3-yne, 2-methyl-	80	C6H8	000926-55-6	27
3	2-Hexen-4-yne, (E)-	80	C6H8	033625-96-6	27
4	Bicyclo[3.3.0]octan-2-ol, 7-oxo-	140	C8H12O2	1000151-41-2	25
5	Bicyclo[2.2.2]oct-5-ene-2,2,3,3-...	208	C12H8N4	001017-93-2	16





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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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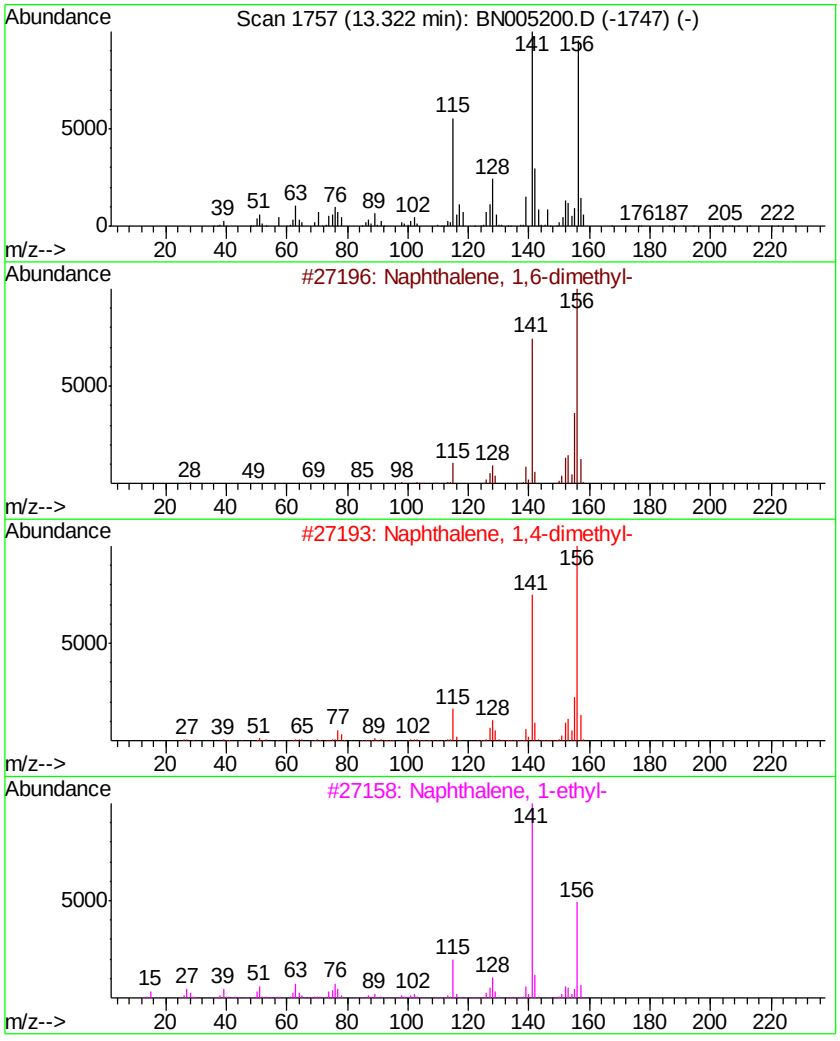
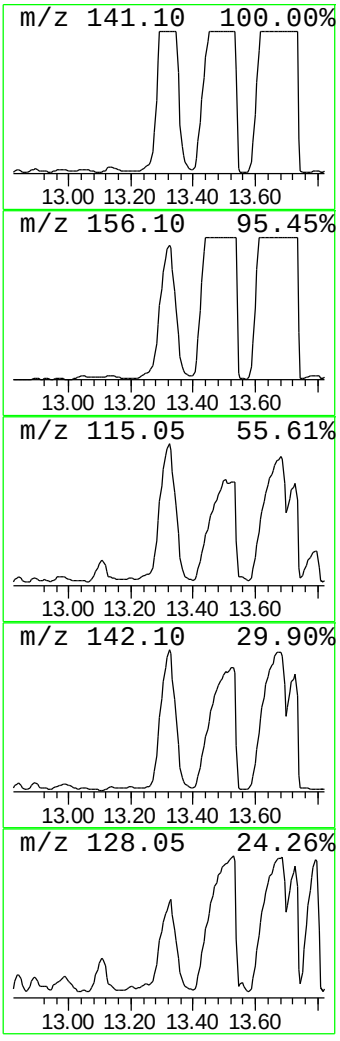
Peak Number 27 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	37.61 ng/ul	196754000	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	91
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	87
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	83
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	83
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81





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Acq On : 23 Apr 2019 06:47
Operator : JU/SJ
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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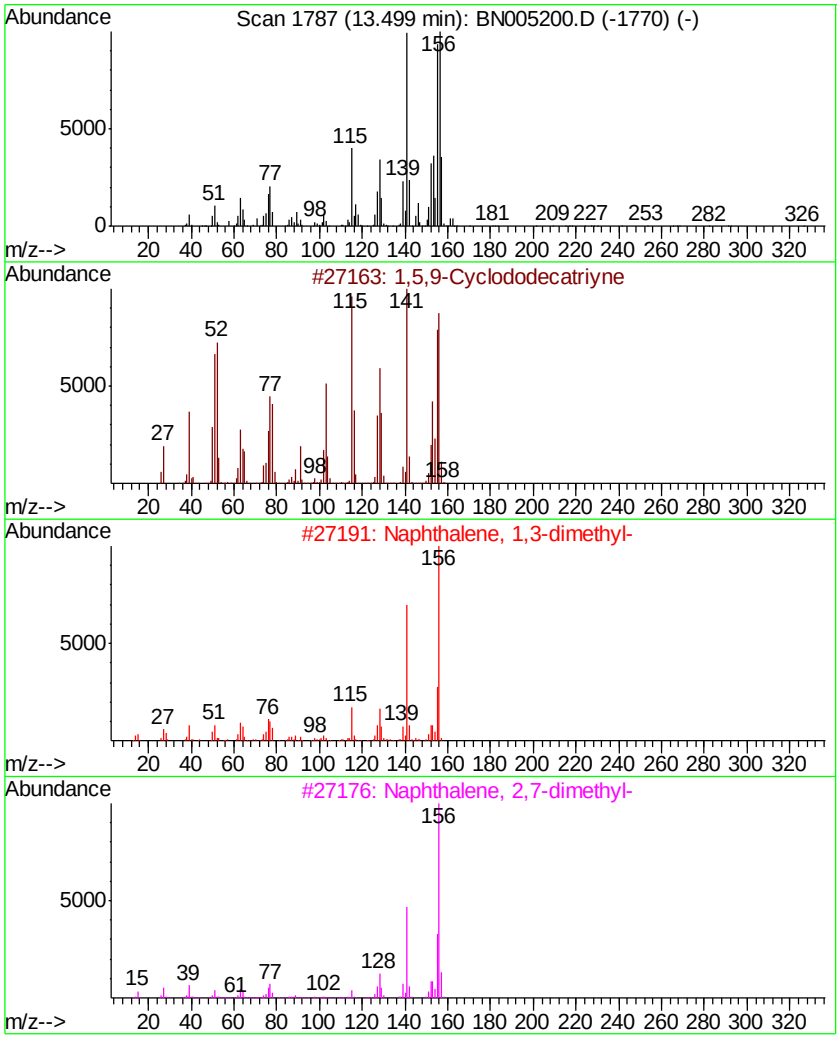
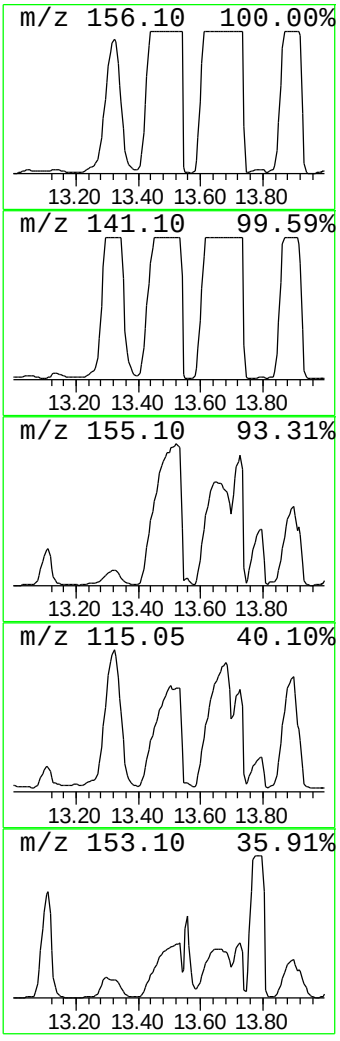
Peak Number 28 1,5,9-Cyclododecatriyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	65.47 ng/ul	342509000	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Cyclododecatriyne	156	C12H12	060323-50-4	68
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	53
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	52
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	52





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Misc :
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Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

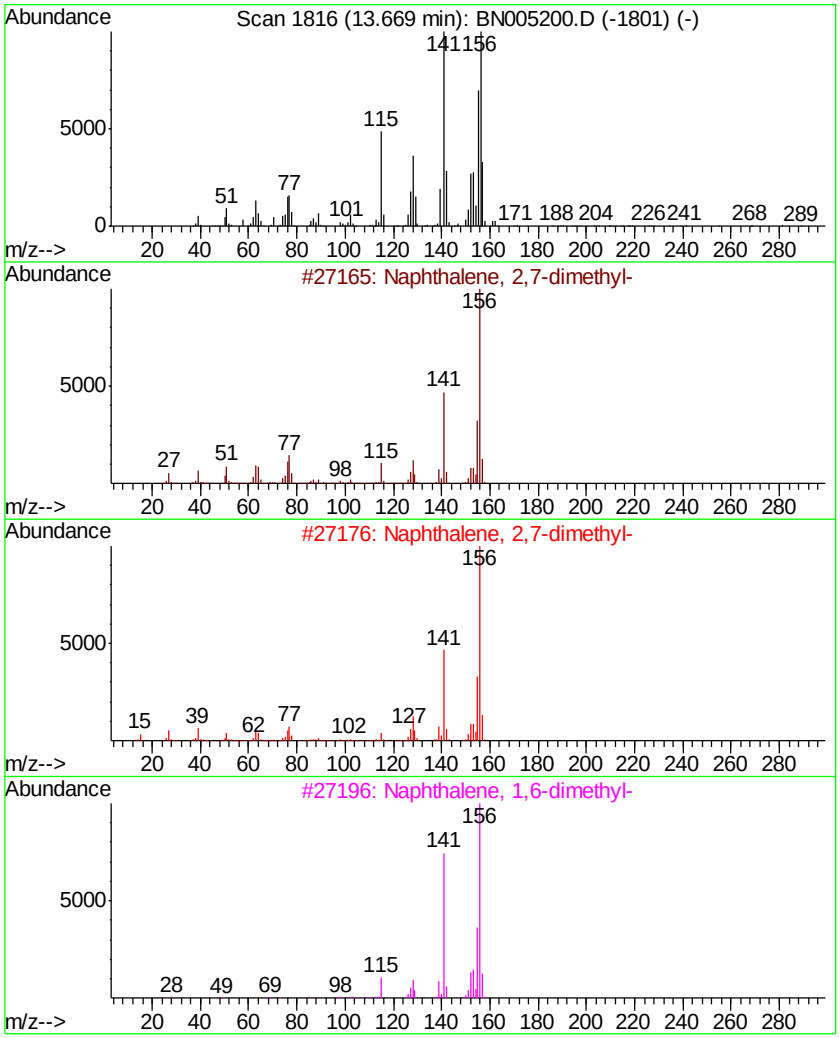
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

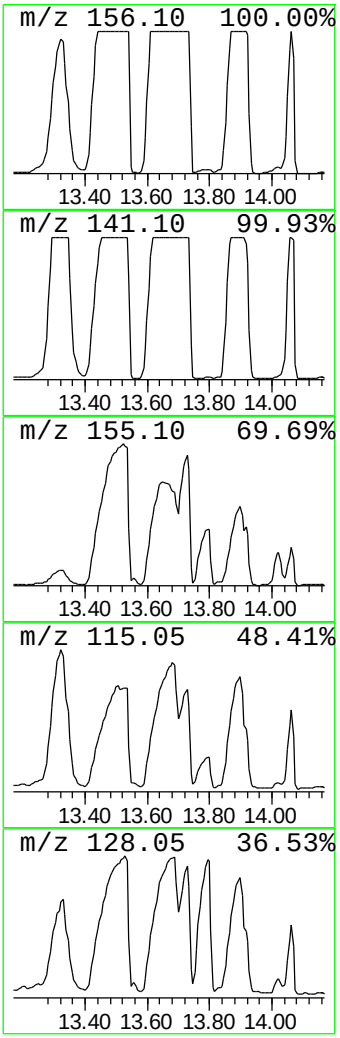
****

Peak Number 30 Naphthalene, 2,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.67	55.61 ng/ul	290925000	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	62
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	59





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Sample : K2455-11
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Instrument : BNA_N
ClientSampleId : GAHR1

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Quant Title : SVOA CALIBRATION

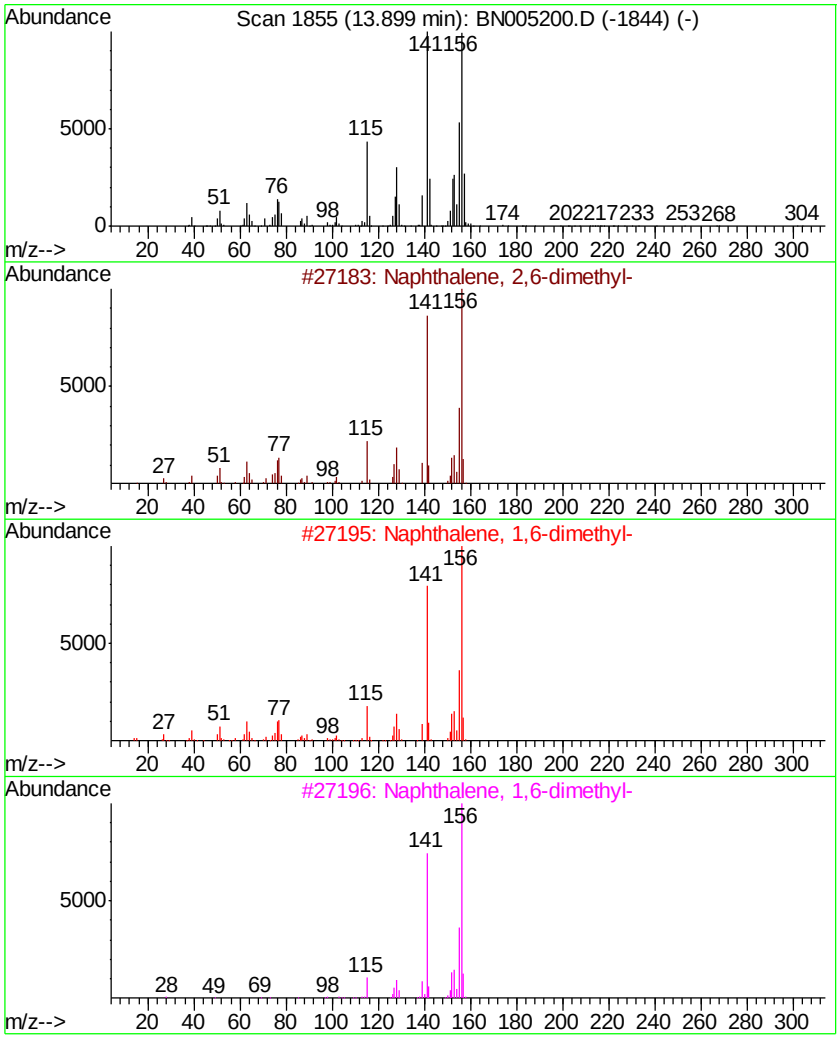
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

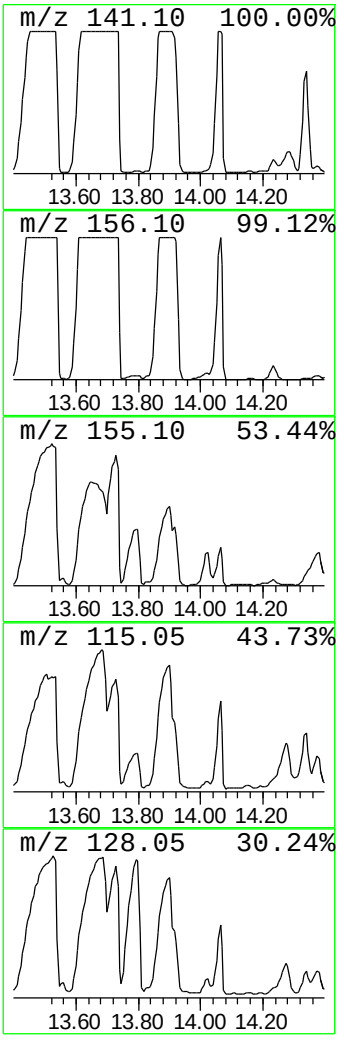
****

Peak Number 31 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	42.62 ng/ul	223010000	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	92
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	76
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	70
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





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ALS Vial : 36 Sample Multiplier: 1

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ClientSampleId : GAHR1

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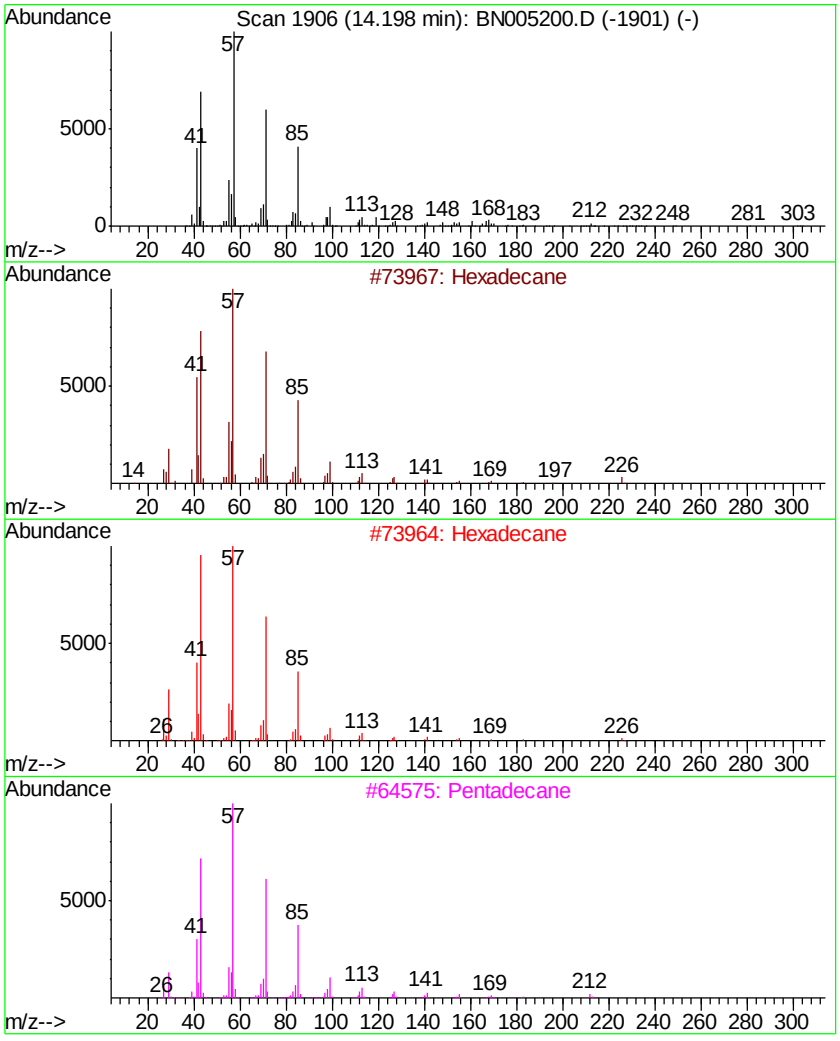
Quant Title : SVOA CALIBRATION

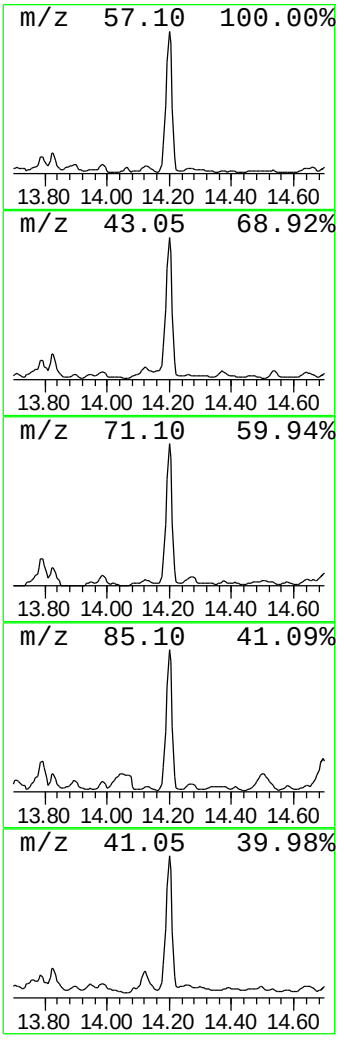
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	5.63 ng/ul	29439400	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Pentadecane	212	C15H32	000629-62-9	93
4	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
5	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87





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ClientSampleId : GAHR1

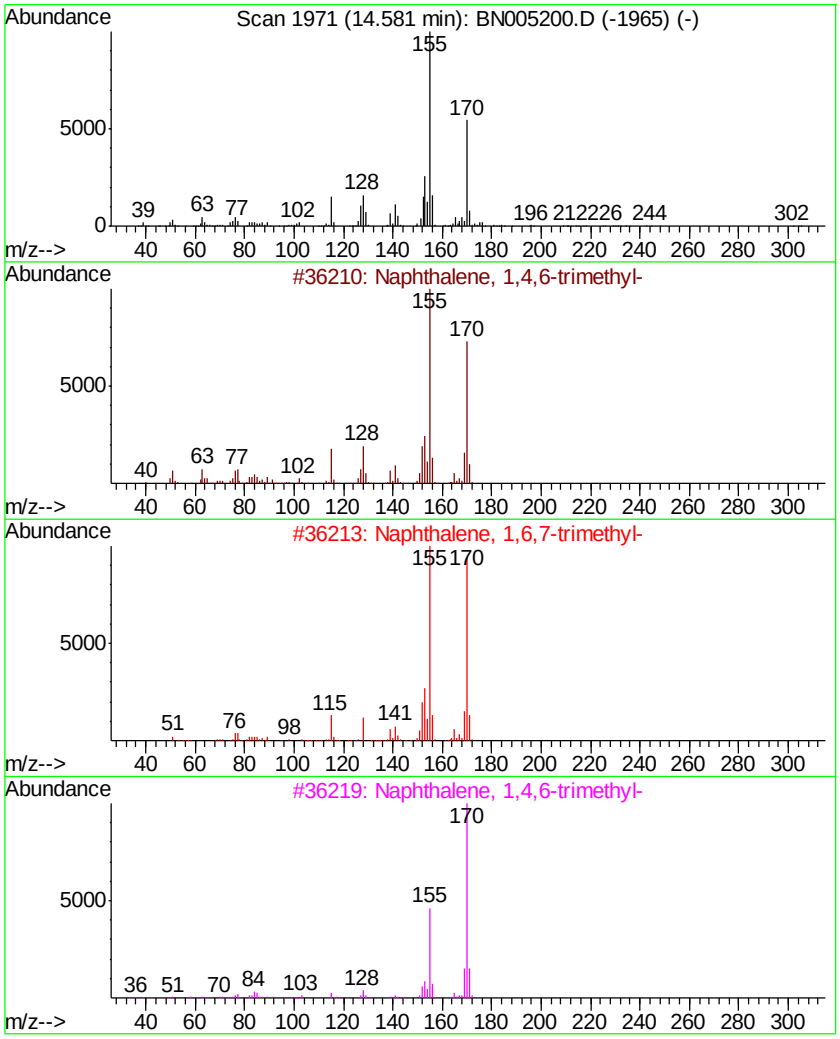
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

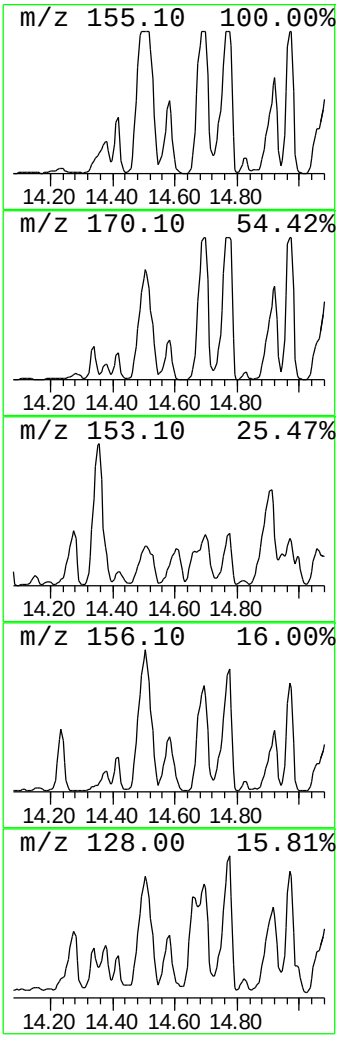
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Naphthalene, 1,4,6-trimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	5.17 ng/ul	27049200	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





Tentatively Identified Compound (LSC) summary

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Operator : JU/SJ
Sample : K2455-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAHR1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.72	16.5	ng/ul	27045700	1	7.60	32715100	20.0
Benzene, 1,2,3-tr...	6.85	17.3	ng/ul	28241900	1	7.60	32715100	20.0
Bicyclo[4.2.0]oct...	7.29	97.3	ng/ul	159134000	1	7.60	32715100	20.0
Benzene, 1-etheny...	7.36	21.8	ng/ul	35701600	1	7.60	32715100	20.0
Benzene, 1,3,5-tr...	7.72	20.0	ng/ul	32715100	1	7.60	32715100	20.0
Indene	8.15	55.1	ng/ul	90157200	1	7.60	32715100	20.0
Benzene, 1-methyl...	8.24	12.9	ng/ul	21045300	1	7.60	32715100	20.0
Benzene, 1-etheny...	8.88	31.9	ng/ul	52131600	1	7.60	32715100	20.0
Benzene, 2-etheny...	8.98	13.3	ng/ul	21730300	1	7.60	32715100	20.0
Benzene, 1,3-diet...	9.18	9.2	ng/ul	20147700	2	10.38	43735700	20.0
Benzene, 1,2,4,5-...	9.29	16.5	ng/ul	35984900	2	10.38	43735700	20.0
Benzene, 4-etheny...	9.37	17.2	ng/ul	37516500	2	10.38	43735700	20.0
1H-Indene, 1-methyl-	9.83	72.2	ng/ul	157855000	2	10.38	43735700	20.0
2-Methylindene	9.92	47.9	ng/ul	104686000	2	10.38	43735700	20.0
1,4-Dihydronaphth...	10.09	10.4	ng/ul	22626400	2	10.38	43735700	20.0
1H-Indene, 2,3-di...	11.23	9.1	ng/ul	19829100	2	10.38	43735700	20.0
Benzene, 2-etheny...	11.32	12.8	ng/ul	28000900	2	10.38	43735700	20.0
1H-Indene, 1,3-di...	11.43	20.8	ng/ul	45569500	2	10.38	43735700	20.0
(DEL) Alkane: Str...	11.91	31.6	ng/ul	69118100	2	10.38	43735700	20.0
Naphthalene, 1-me...	12.18	199.9	ng/ul	437151000	2	10.38	43735700	20.0
Bicyclo[2.2.2]oct...	13.25	4.2	ng/ul	22060800	3	14.28	104638000	20.0
Naphthalene, 1,6-...	13.32	37.6	ng/ul	196754000	3	14.28	104638000	20.0
1,5,9-Cyclododeca...	13.50	65.5	ng/ul	342509000	3	14.28	104638000	20.0
Naphthalene, 2,7-...	13.67	55.6	ng/ul	290925000	3	14.28	104638000	20.0
Naphthalene, 2,6-...	13.90	42.6	ng/ul	223010000	3	14.28	104638000	20.0
(DEL) Alkane: Str...	14.20	5.6	ng/ul	29439400	3	14.28	104638000	20.0
Naphthalene, 1,4,...	14.58	5.2	ng/ul	27049200	3	14.28	104638000	20.0