LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

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-BN102220.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	2.634	20	25	35	rBV	231294	444706	0.43%	0.158%
2	2.717	35	39	59	rVB	872526	1156625	1.11%	0.410%
3	5.475	498	508	517	rBV2	96102	166744	0.16%	0.059%
4	6.628	695	704	709	rVV2	192593	351676	0.34%	0.125%
5	6.793	724	732	738	rBV	661493	1016982	0.98%	0.360%
6	6.975	757	763	772	rBV	770746	1226478	1.18%	0.434%
7	7.093	778	783	790	rBV	198279	307675	0.30%	0.109%
8	7.163	790	795	803	rVB	146292	243569	0.23%	0.086%
9	7.440	836	842	851	rBV	505303	816135	0.79%	0.289%
10	7.552	857	861	868	rVB2	102753	150937	0.15%	0.053%
11	7.805	896	904	912	rBV	720194	1122585	1.08%	0.398%
12	7.969	921	932	944	rBV	3266643	5035845	4.85%	1.784%
13	8.158	956	964	974	rBV	558733	901862	0.87%	0.319%
14	8.593	1032	1038	1047	rVV	926161	1610742	1.55%	0.571%
15	8.787	1065	1071	1079	rBV	181873	292997	0.28%	0.104%
16	8.910	1079	1092	1097	rVV	405410	856447	0.82%	0.303%
17	8.969	1097	1102	1107	rVB	130160	202902	0.20%	0.072%
18	9.310	1153	1160	1167	rBV	835036	1353070	1.30%	0.479%
19	9.469	1182	1187	1191	rBV	114774	173279	0.17%	0.061%
20	9.622	1206	1213	1223	rBV4	249864	706960	0.68%	0.250%
21	9.716	1223	1229	1234	rBV	154948	326393	0.31%	0.116%
22	9.840	1243	1250	1258	rBV2	1175442	1980776	1.91%	0.702%
23	10.222	1308	1315	1316	rVV	530595	879676	0.85%	0.312%
24	10.299	1316	1328	1336	rVV2	43517913	103836499	100.00%	36.785%
25	10.387	1336	1343	1353	rVB	4074662	6477513	6.24%	2.295%
26	11.316	1495	1501	1506	rBV	196952	325727	0.31%	0.115%
27	11.775	1573	1579	1589	rVB	297311	504984	0.49%	0.179%
28	11.887	1591	1598	1607	rBV	1485936	2413305	2.32%	0.855%
29	12.004	1613	1618	1624	rVB	182723	307045	0.30%	0.109%
30	12.110	1624	1636	1648	rBV	6021193	9489435	9.14%	3.362%
31	12.551	1702	1711	1721	rVB2	181099	363476	0.35%	0.129%
32	12.810	1750	1755	1762	rVB	100662	163369	0.16%	0.058%
33	12.922	1765	1774	1783	rBV	2392136	3561917	3.43%	1.262%
34	13.122	1802	1808	1810	rBV	287465	465082	0.45%	0.165%

LSC Area Percent Report

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Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

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-BN102220.M
Title : SVOA CALIBRATION

35	13.269	1821	1833	1840	rBV4	309505	890104	0.86%	0.315%
36	13.416	1851	1858	1863	rBV	539280	957943	0.92%	0.339%
37	13.469	1863	1867	1871	rBV	282053	395892	0.38%	0.140%
38	13.522	1871	1876	1881	rVB	2353954	3169477	3.05%	1.123%
39	13.569	1881	1884	1894	rVB	426563	567185	0.55%	0.201%
40	13.657	1894	1899	1902	rBV	209180	308973	0.30%	0.109%
41	13.787	1913	1921	1926	rBV	2542593	4058544	3.91%	1.438%
42	14.098	1965	1974	1980	rBV3	1166304	2071975	2.00%	0.734%
43	14.169	1980	1986	1993	rVV	11868251	17499210	16.85%	6.199%
44	14.240	1993	1998	2005	rVV	3288907	4780955	4.60%	1.694%
45	14.322	2008	2012	2019	rVV	225278	434915	0.42%	0.154%
46	14.416	2020	2028	2033	rVV4	196239	395724	0.38%	0.140%
47	14.510	2033	2044	2054	rVV2	5961836	10359225	9.98%	3.670%
48	14.587	2054	2057	2064	rVV6	77360	172523	0.17%	0.061%
49	14.651	2064	2068	2072	rVV	130991	197316	0.19%	0.070%
50	15.104	2139	2145	2149	rVV	3491558	4855187	4.68%	1.720%
51	15.163	2149	2155	2162	rVV	5380833	7608869	7.33%	2.696%
52	15.234	2162	2167	2173	rVV	1504548	2385592	2.30%	0.845%
53	15.281	2173	2175	2179	rVV2	314157	472684	0.46%	0.167%
54	15.322	2179	2182	2189	rVV4	231430	510217	0.49%	0.181%
55	15.410	2191	2197	2200	rVV5	178025	407967	0.39%	0.145%
56	15.451	2200	2204	2212	rVV	353767	559176	0.54%	0.198%
57	15.604	2225	2230	2240	rVV	429878	832075	0.80%	0.295%
58	15.839	2264	2270	2275	rBV	757302	1076902	1.04%	0.382%
59	16.022	2296	2301	2305	rBV	142548	234315	0.23%	0.083%
60	16.134	2313	2320	2323	rBV3	127793	309655	0.30%	0.110%
61	16.163	2323	2325	2330	rVV2	146765	220751	0.21%	0.078%
62	16.510	2374	2384	2393	rBV	934825	1379172	1.33%	0.489%
63	16.675	2403	2412	2419	rVB	358286	587710	0.57%	0.208%
64	16.763	2419	2427	2431	rVV2	127667	237392	0.23%	0.084%
65	16.857	2434	2443	2446	rVV	1415735	2477993	2.39%	0.878%
66	16.898	2446	2450	2454	rVV	4064112	5479706	5.28%	1.941%
67	16.951	2454	2459	2472	rVV	3924061	6555532	6.31%	2.322%
68	17.057	2472	2477	2483	rVB	214594	370822	0.36%	0.131%
69	17.275	2502	2514	2524	rBV	13797991	20193307	19.45%	7.154%
70	17.351	2524	2527	2535	rVB5	148113	354512	0.34%	0.126%
71	17.422	2535	2539	2544	rBV	302845	396705	0.38%	0.141%

LSC Area Percent Report

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Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

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-BN102220.M
Title : SVOA CALIBRATION

72	17.522	2552	2556	2560	rVB2	148892	199330	0.19%	0.071%
73	17.575	2560	2565	2568	rVV3	127881	186215	0.18%	0.066%
74	17.698	2578	2586	2594	rBV3	336390	596268	0.57%	0.211%
75	17.775	2594	2599	2608	rBV	1252197	1859473	1.79%	0.659%
76	17.857	2608	2613	2619	rVB	220068	332408	0.32%	0.118%
77	17.922	2619	2624	2630	rBV3	323501	510861	0.49%	0.181%
78	18.081	2648	2651	2655	rVB	427295	521686	0.50%	0.185%
79	18.175	2663	2667	2674	rVV2	478005	768391	0.74%	0.272%
80	18.233	2674	2677	2681	rVV2	243746	313551	0.30%	0.111%
81	18.328	2689	2693	2700	rVB6	82753	147015	0.14%	0.052%
82	18.775	2767	2769	2781	rVV4	67600	170584	0.16%	0.060%
83	18.922	2790	2794	2801	rVB	277459	388040	0.37%	0.137%
84	19.069	2815	2819	2826	rBV	156268	195463	0.19%	0.069%
85	19.139	2827	2831	2836	rBV2	130489	184009	0.18%	0.065%
86	19.263	2846	2852	2858	rBV2	5024326	6713222	6.47%	2.378%
87	19.675	2917	2922	2929	rBV	311837	470031	0.45%	0.167%
88	19.745	2929	2934	2942	rBV	634639	911985	0.88%	0.323%
89	20.404	3042	3046	3052	rVB3	123753	184175	0.18%	0.065%
90	20.804	3110	3114	3121	rBV	432567	586709	0.57%	0.208%
91	21.069	3154	3159	3165	rBV	1800702	2329763	2.24%	0.825%
92	21.245	3186	3189	3195	rVB	179674	206218	0.20%	0.073%
93	21.663	3257	3260	3267	rBV	244941	293118	0.28%	0.104%
94	22.098	3330	3334	3339	rBV	394615	506457	0.49%	0.179%
95	22.574	3411	3415	3419	rVB2	386308	497445	0.48%	0.176%
96	23.057	3490	3497	3502	rBV	3871601	6482285	6.24%	2.296%
97	23.098	3502	3504	3509	rVV	414064	547908	0.53%	0.194%
98	23.186	3513	3519	3529	rVB	1285484	2248582	2.17%	0.797%
99	23.692	3601	3605	3612	rVB	306819	520664	0.50%	0.184%
100	24.386	3719	3723	3730	rVB2	219114	405593	0.39%	0.144%

Sum of corrected areas: 282277064

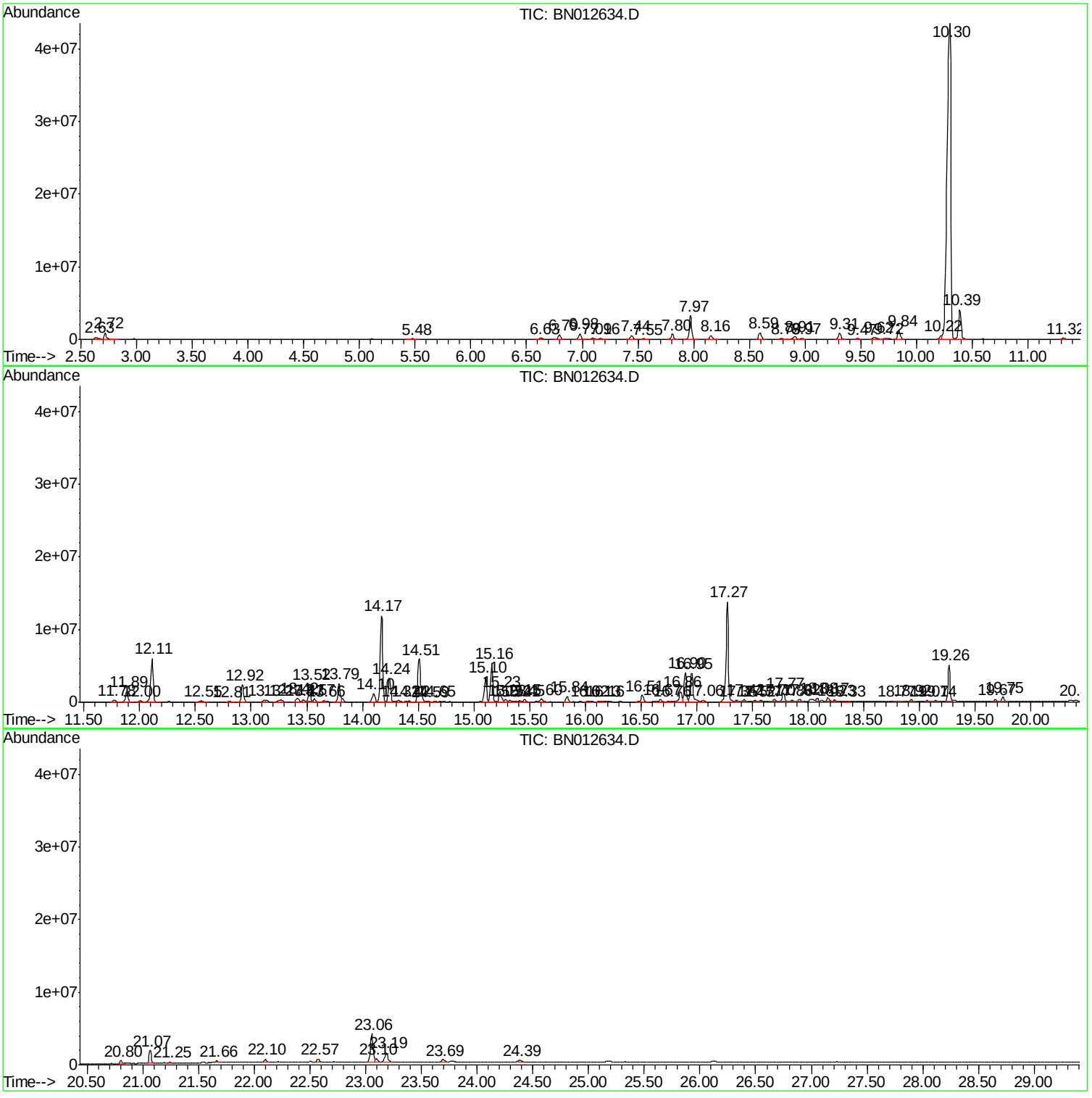
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Quant Title : SVOA CALIBRATION

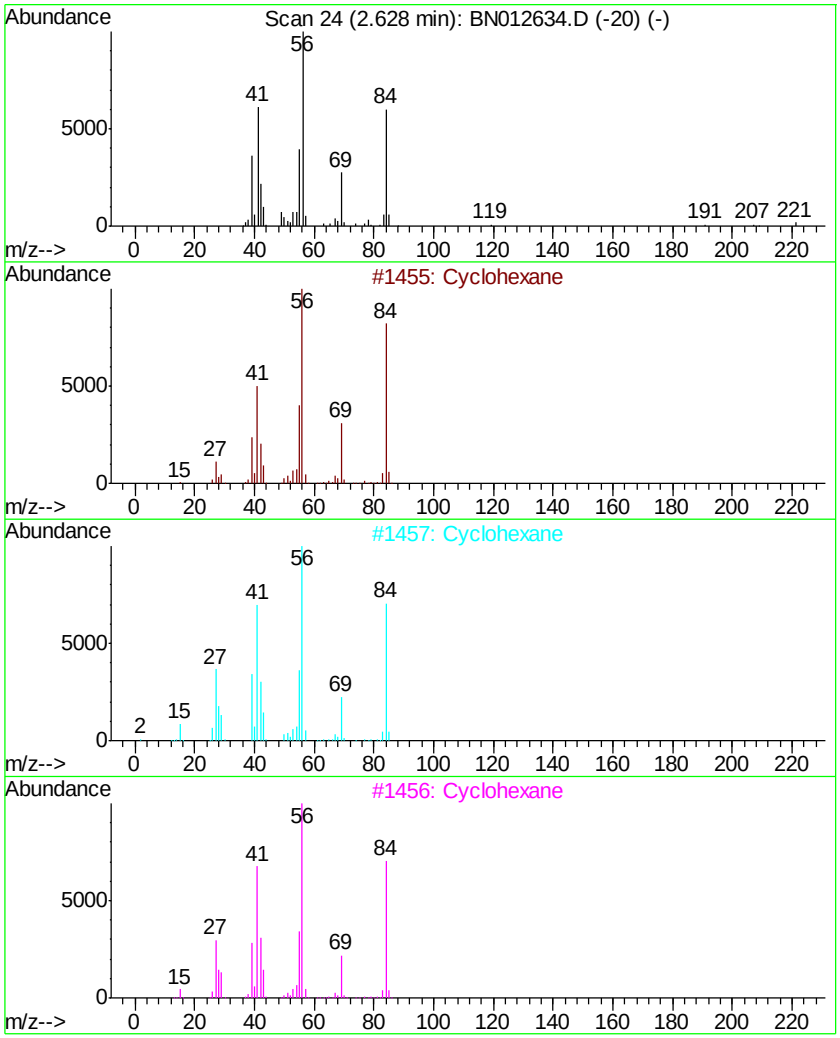
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

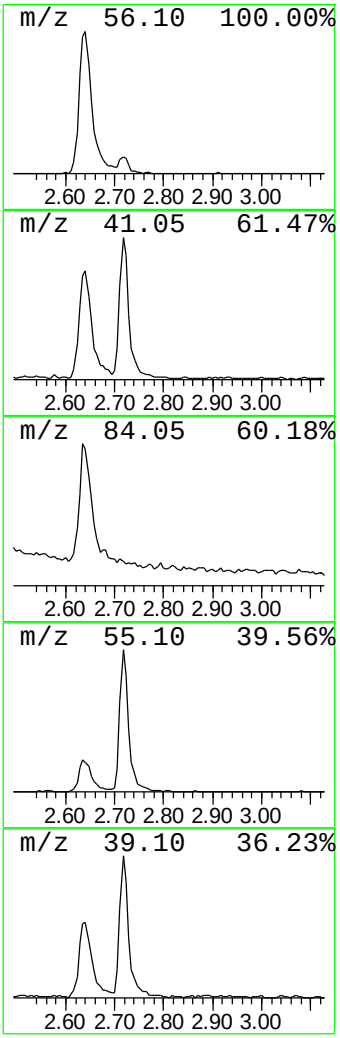
****

Peak Number 1 (DEL) Alkane: Cyclic2.63 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.63	10.90 ng/ul	444706	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	91
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

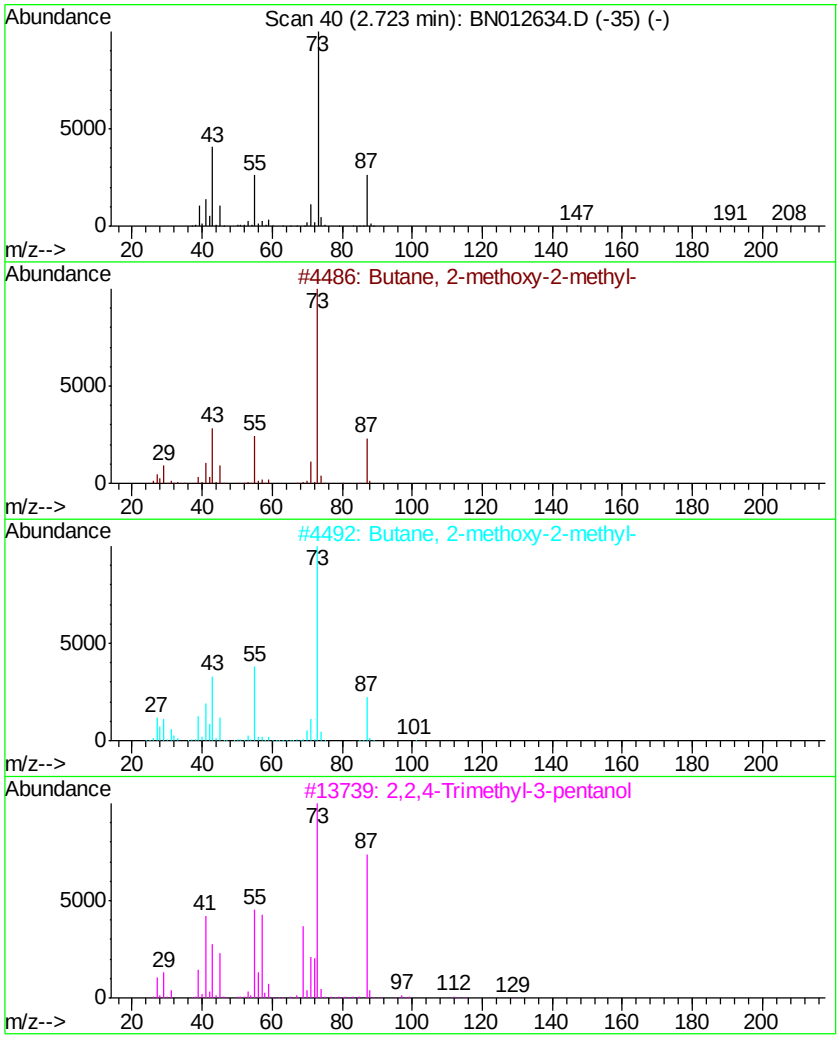
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

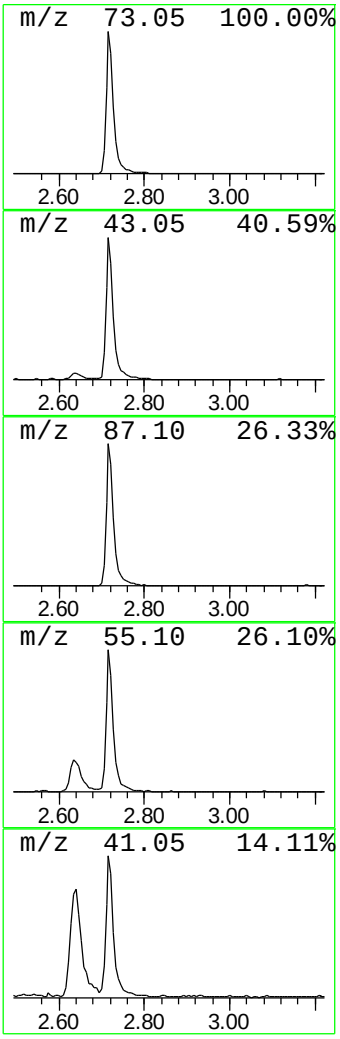
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	28.34 ng/ul	1156630	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
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Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

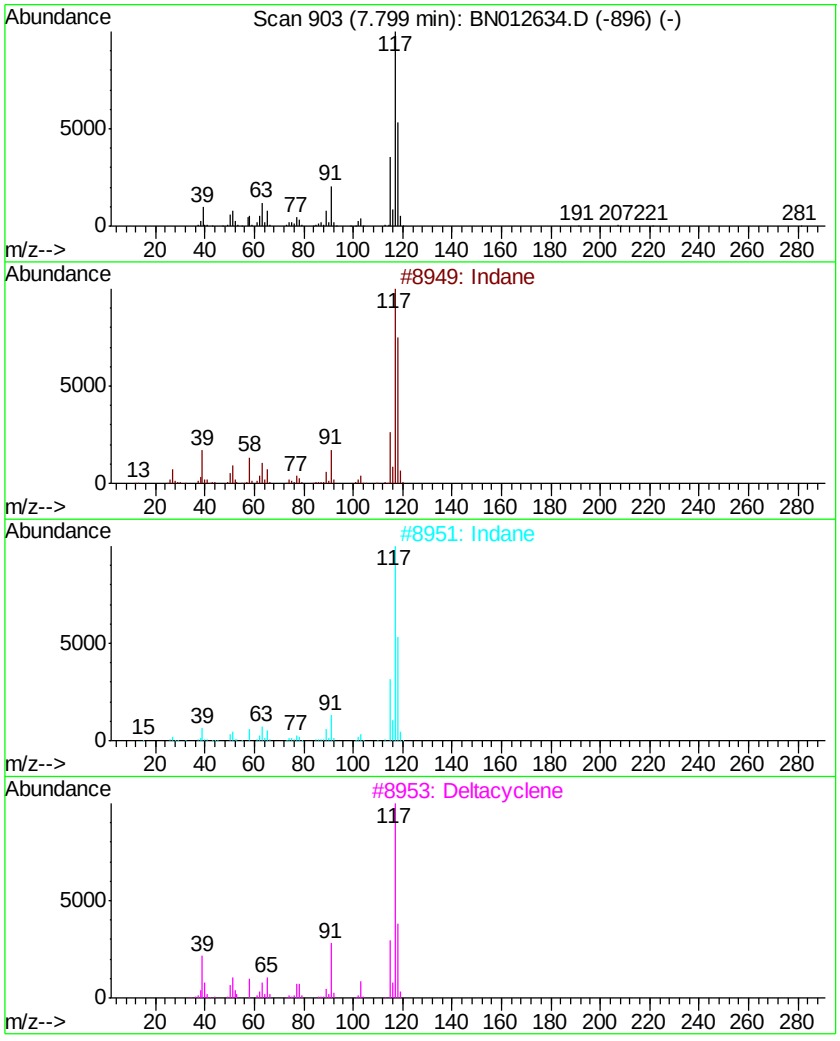
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

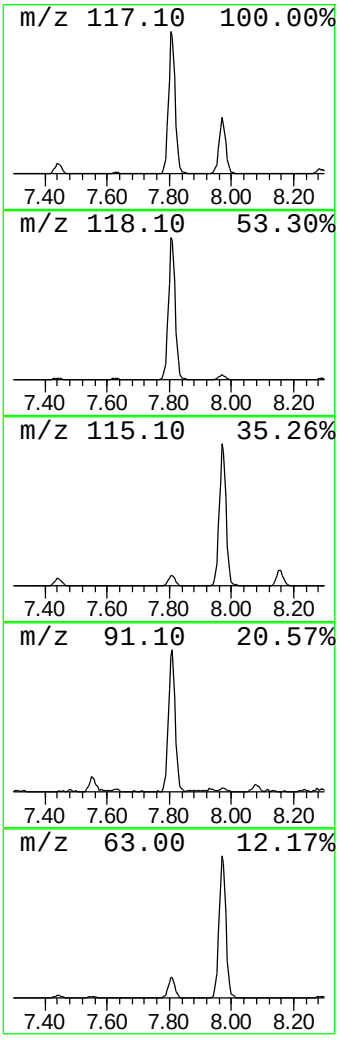
****

Peak Number 7 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	27.51 ng/ul	1122590	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	87
3	Deltacyclene	118	C9H10	007785-10-6	76
4	Indane	118	C9H10	000496-11-7	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

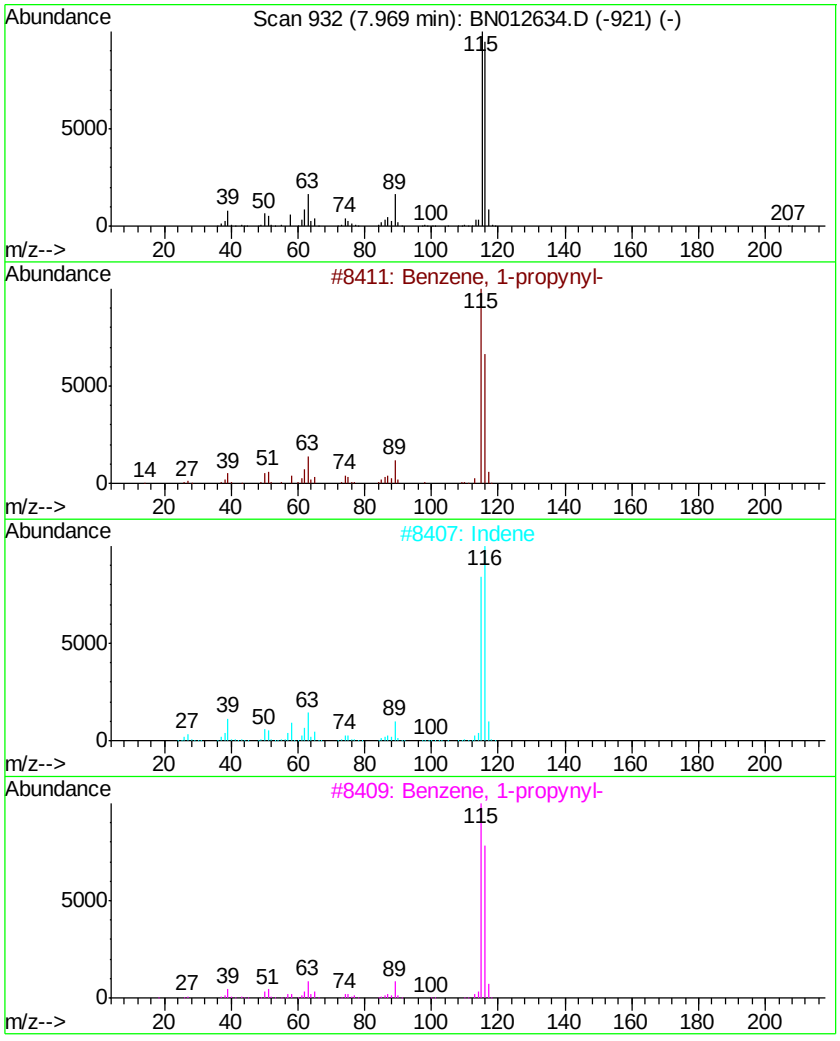
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

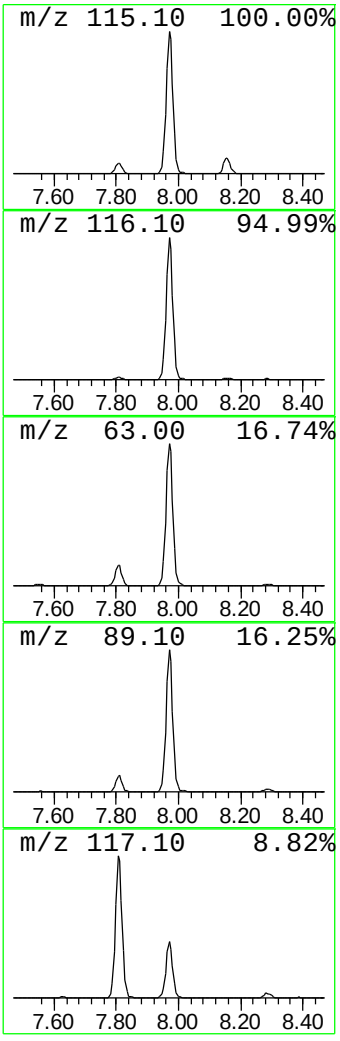
****

Peak Number 8 Benzene, 1-propynyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	123.41 ng/ul	5035850	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

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

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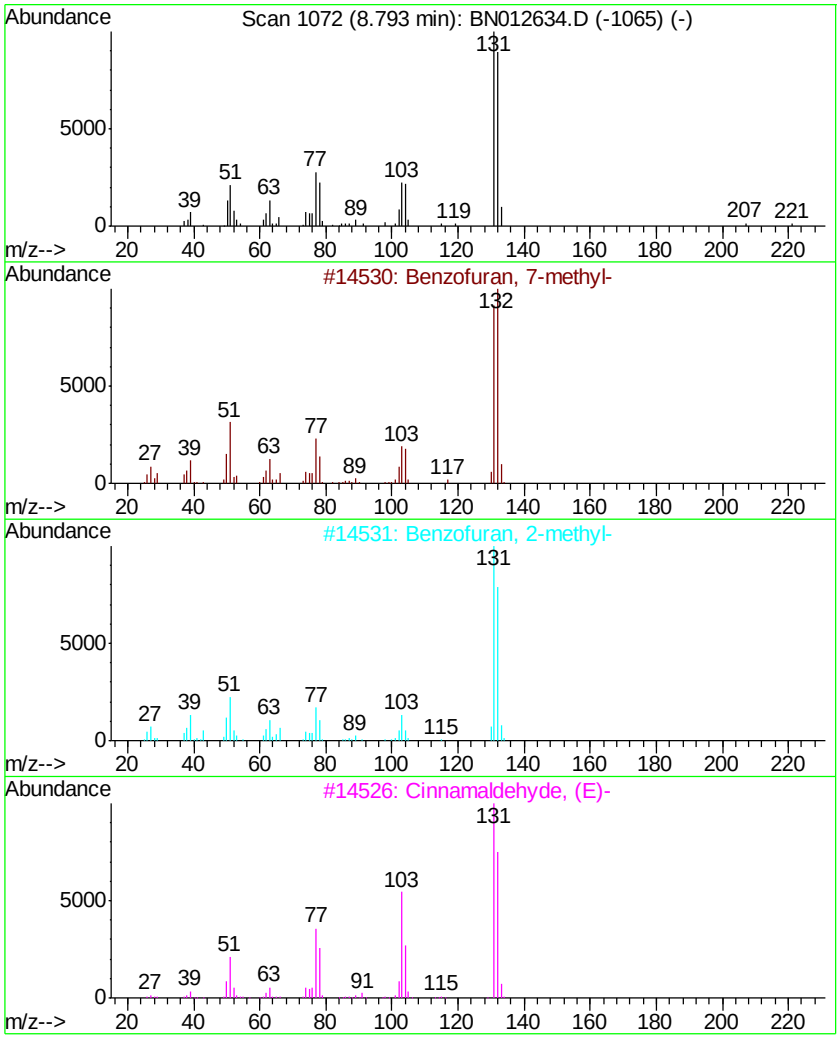
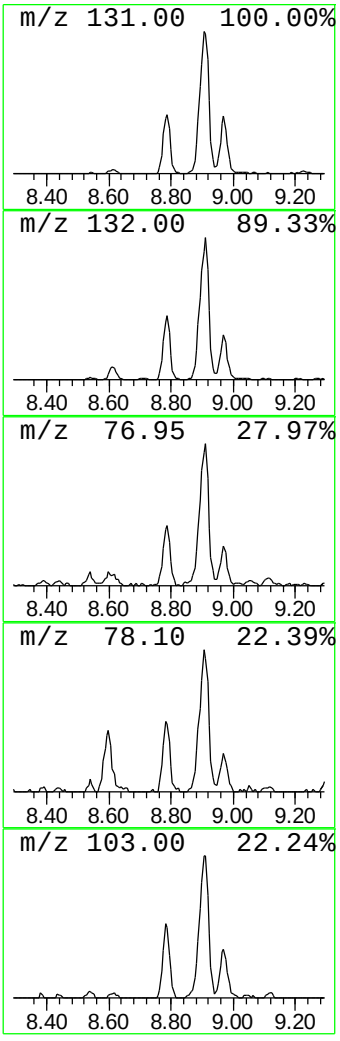
Peak Number 9 Benzofuran, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	7.18 ng/ul	292997	1,4-Dichlorobenzene-d4	7.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Sample : L4753-14
Misc :
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ClientSampleId : DBGH5

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Quant Title : SVOA CALIBRATION

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

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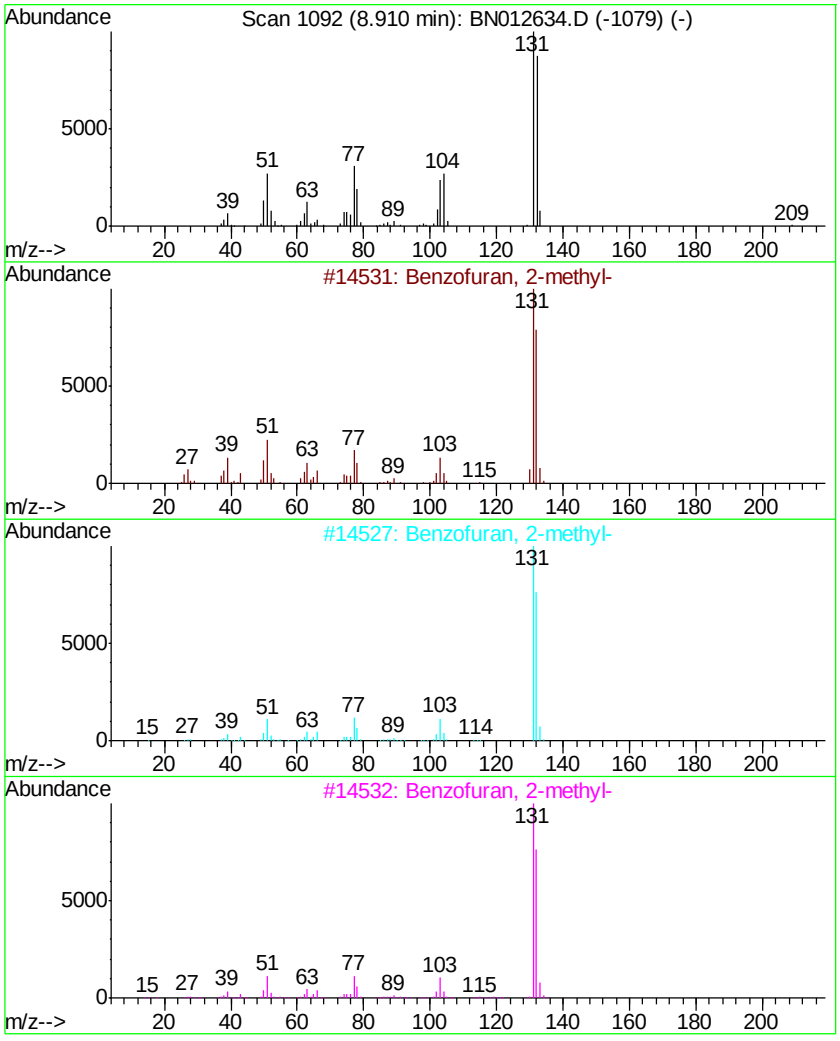
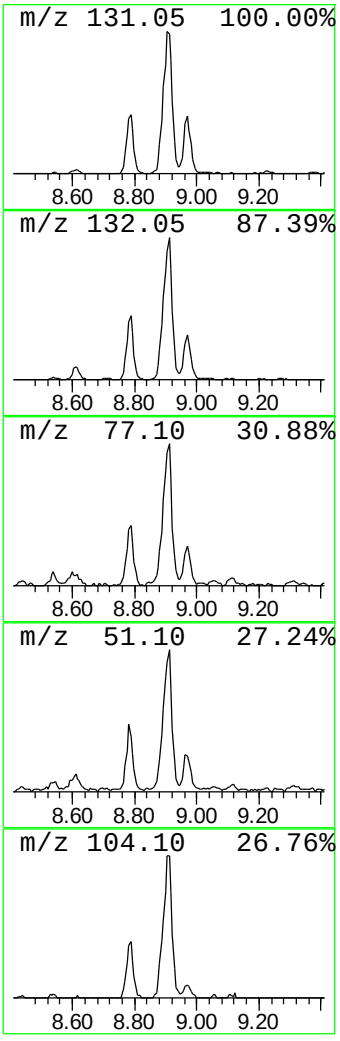
Peak Number 10 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	19.47 ng/ul	856447	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





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Quant Title : SVOA CALIBRATION

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

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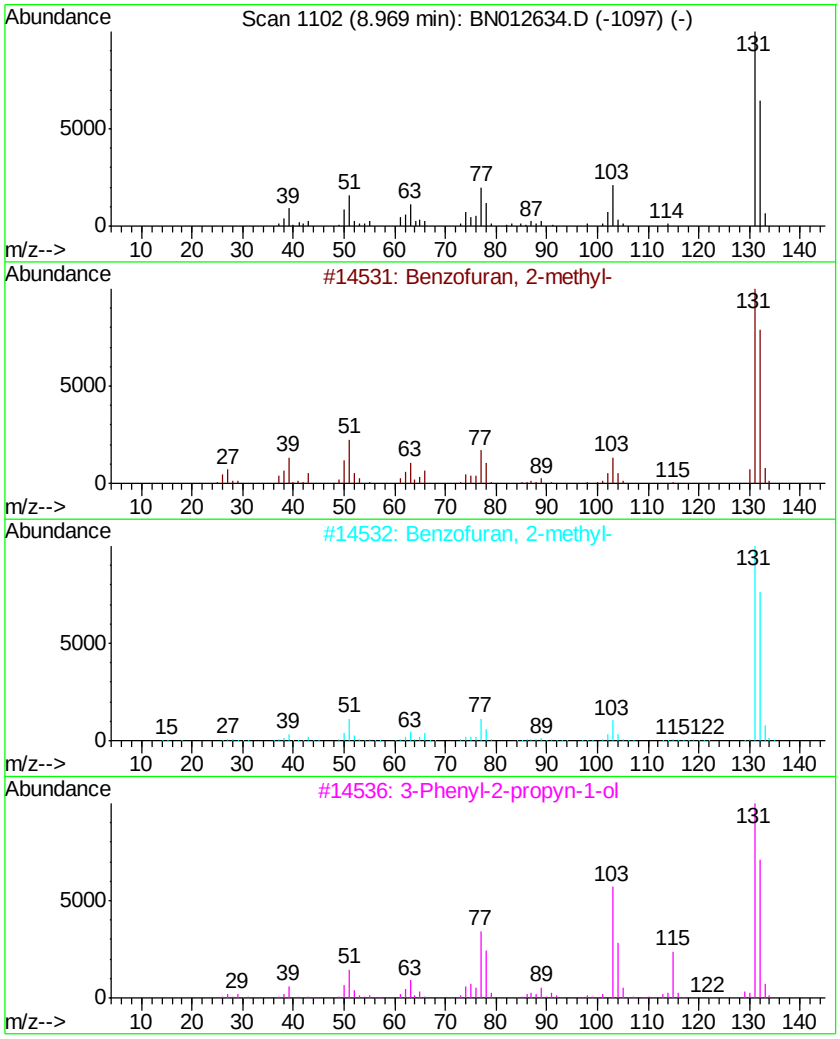
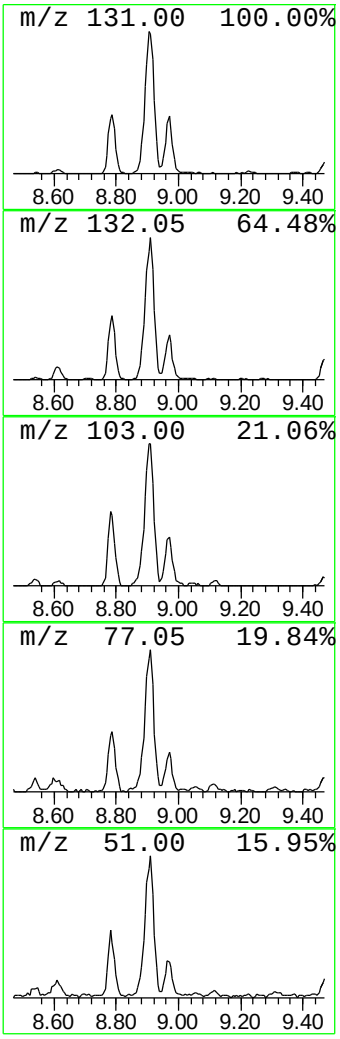
Peak Number 11 3-Phenyl-2-propyn-1-ol Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	4.61 ng/ul	202902	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91





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Quant Title : SVOA CALIBRATION

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

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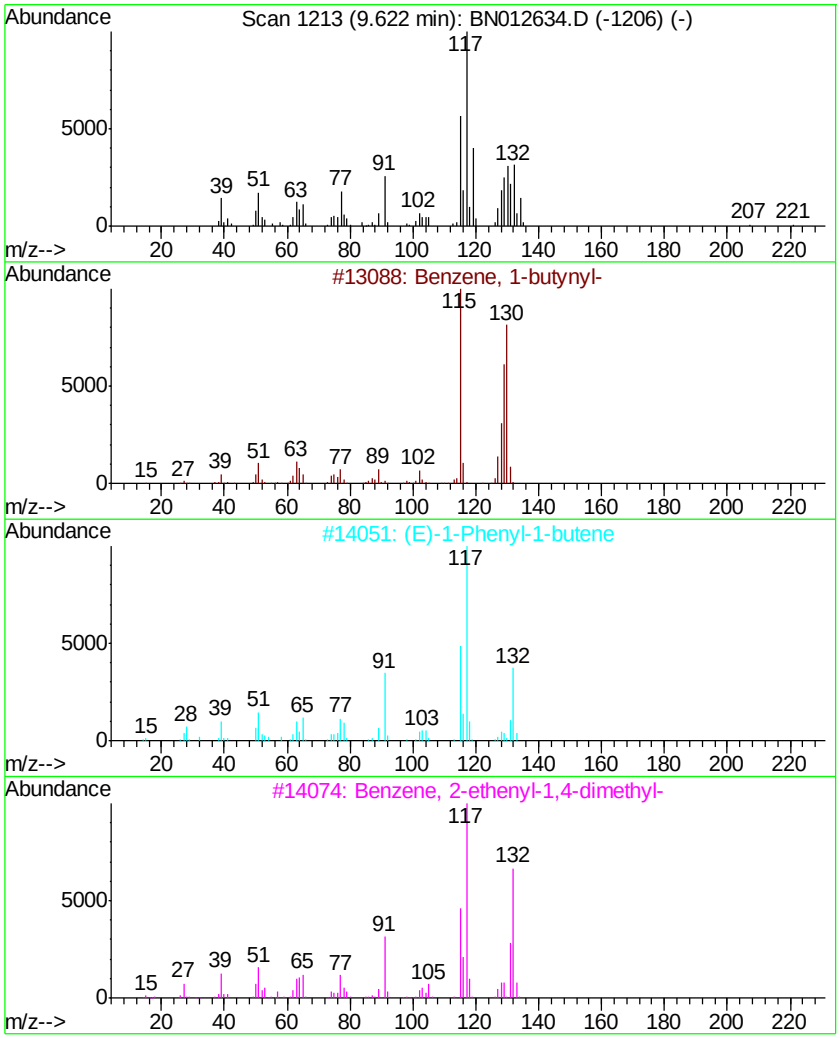
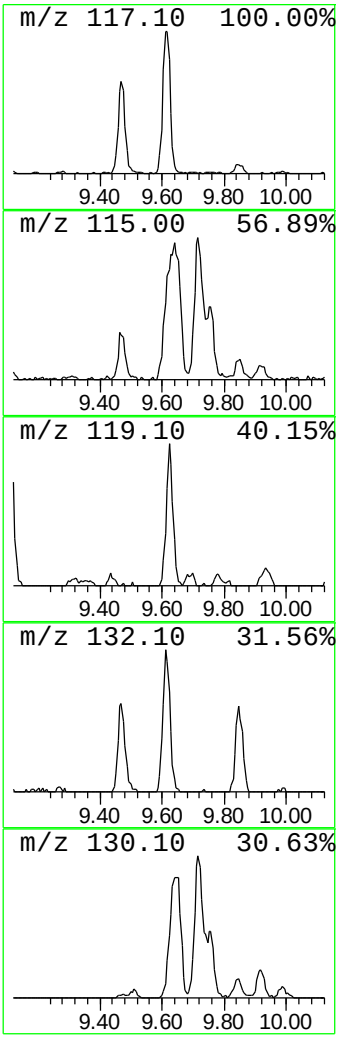
Peak Number 13 Benzene, 1-butynyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	16.07 ng/ul	706960	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	70
2	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	55
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	55
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	49





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Instrument : BNA_N
ClientSampleId : DBGH5

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Quant Title : SVOA CALIBRATION

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

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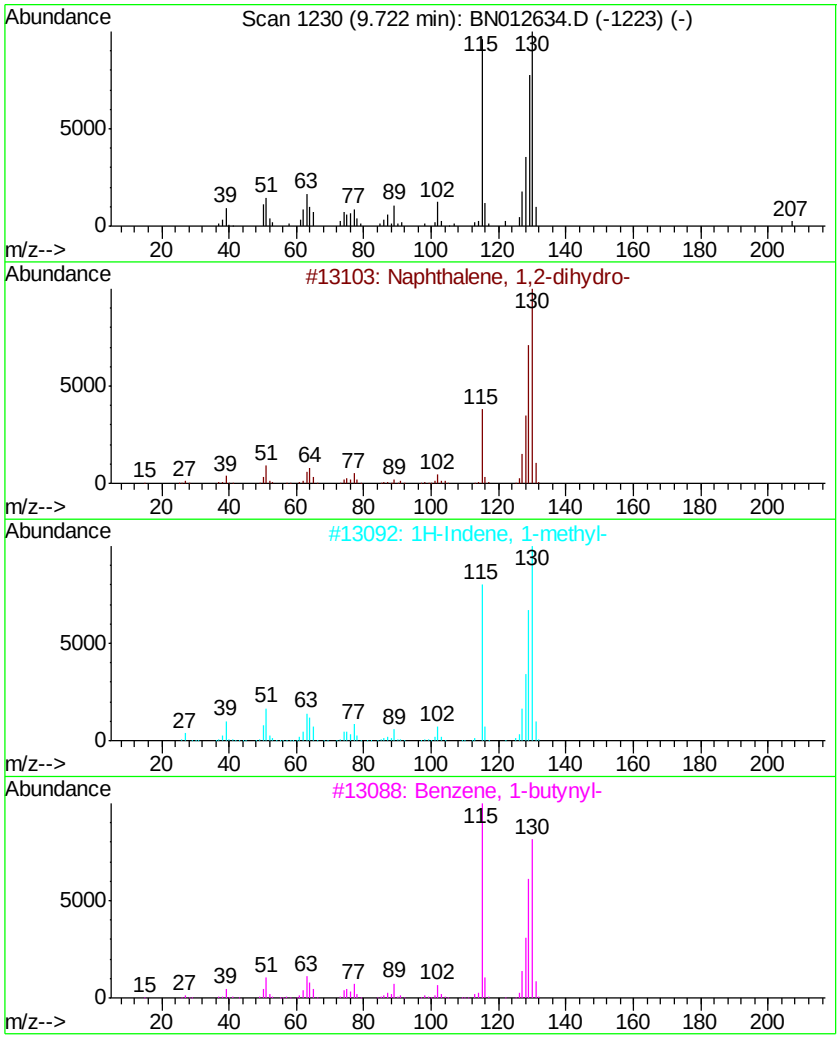
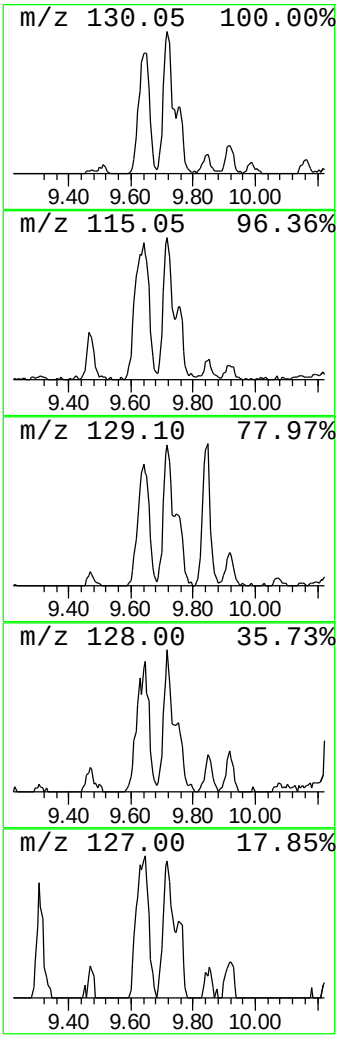
Peak Number 14 Naphthalene, 1,2-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	7.42 ng/ul	326393	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	96
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
4	2-Methylindene	130	C10H10	002177-47-1	95
5	2-Methylindene	130	C10H10	002177-47-1	91





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Quant Title : SVOA CALIBRATION

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

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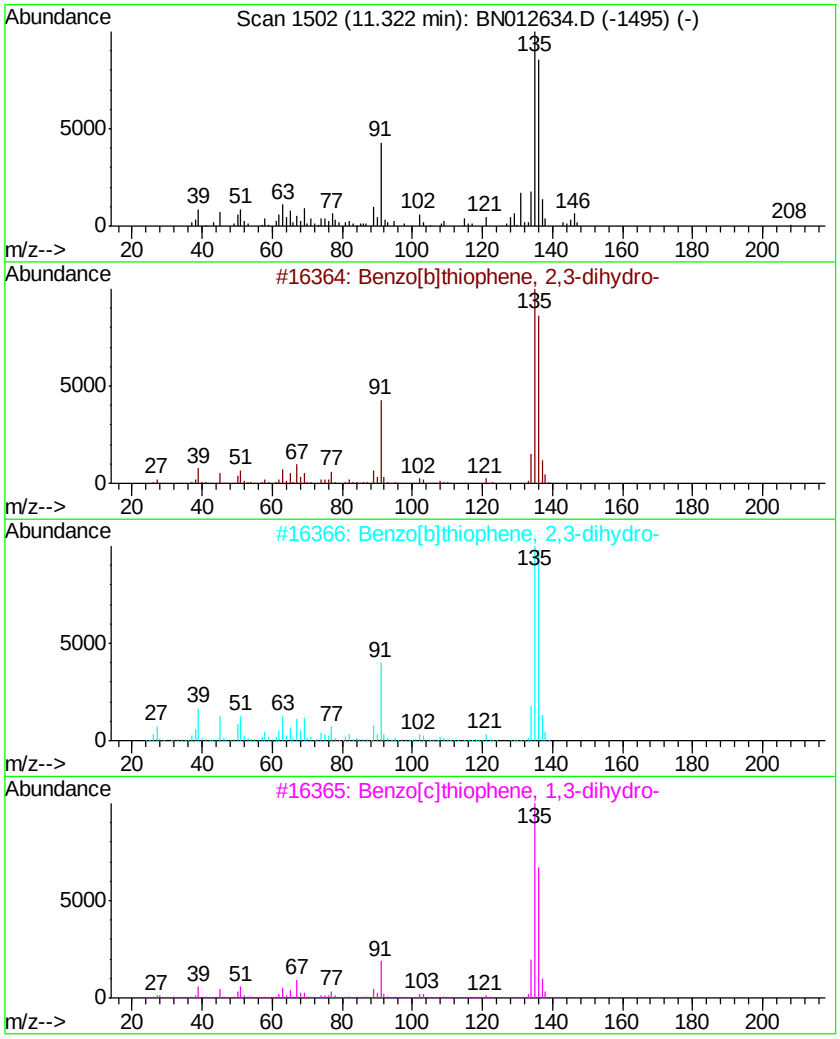
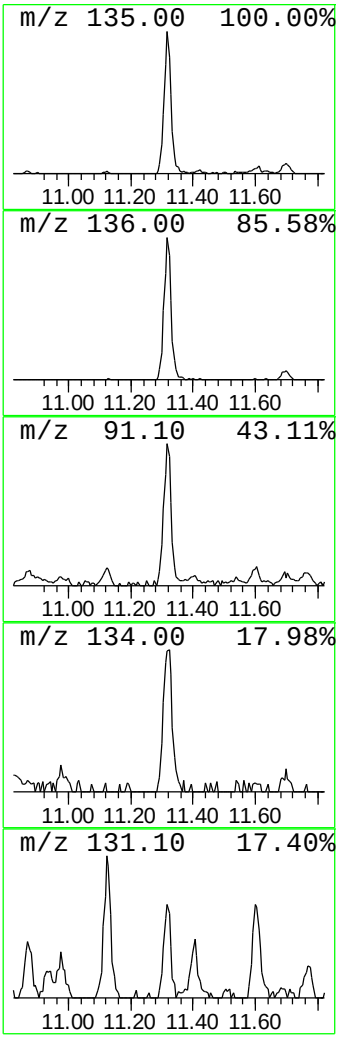
Peak Number 15 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	7.41 ng/ul	325727	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	93
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	91
3	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	87
4	Benzene, (ethenylthio)-	136	C8H8S	001822-73-7	83
5	3-Hydroxy-4-methylbenzaldehyde	136	C8H8O2	057295-30-4	72





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Quant Title : SVOA CALIBRATION

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

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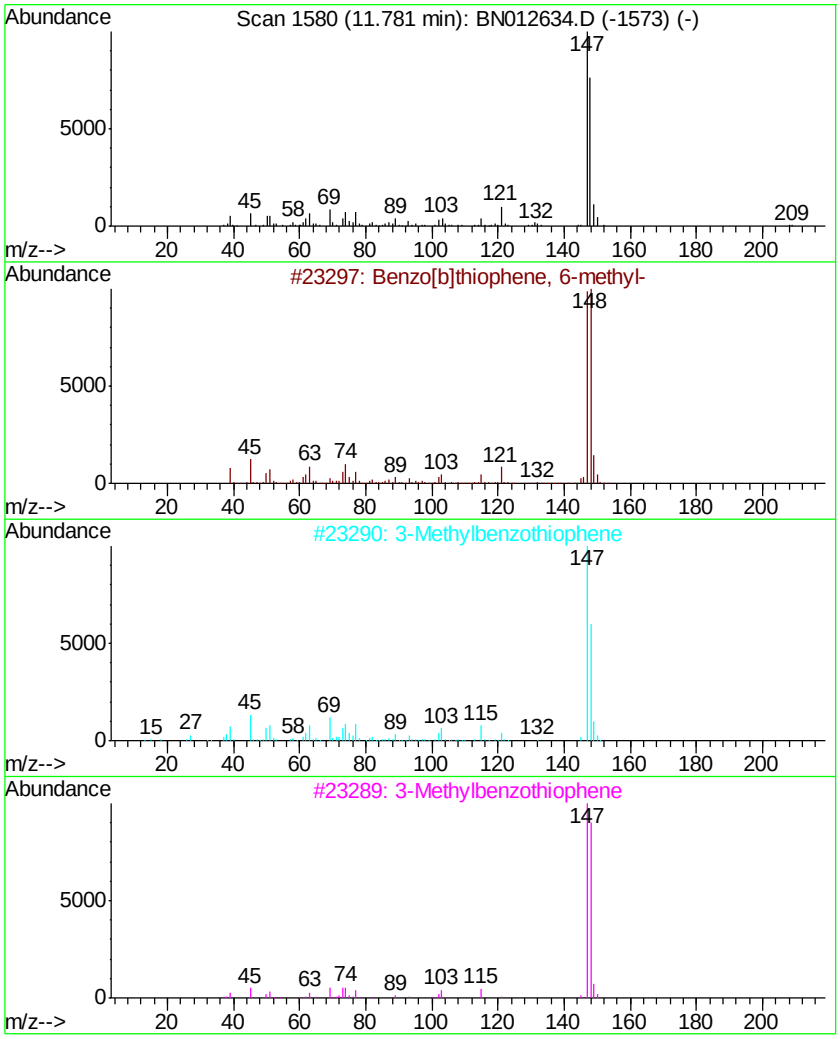
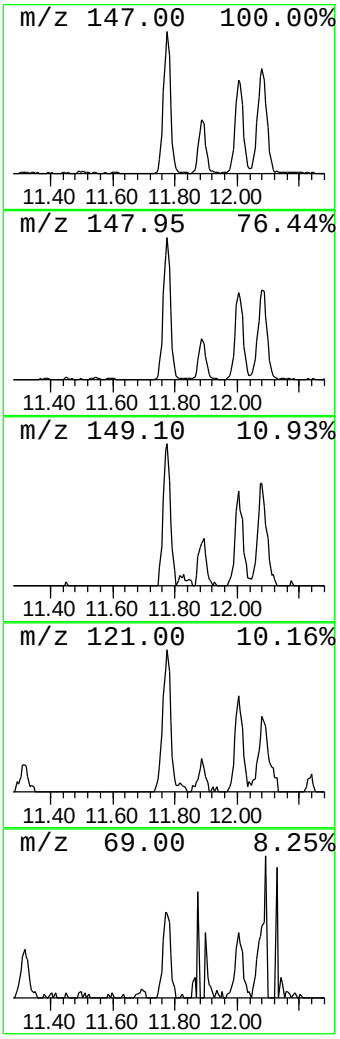
Peak Number 16 Benzo[b]thiophene, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	11.48 ng/ul	504984	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	91
2	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	87
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87





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Quant Title : SVOA CALIBRATION

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

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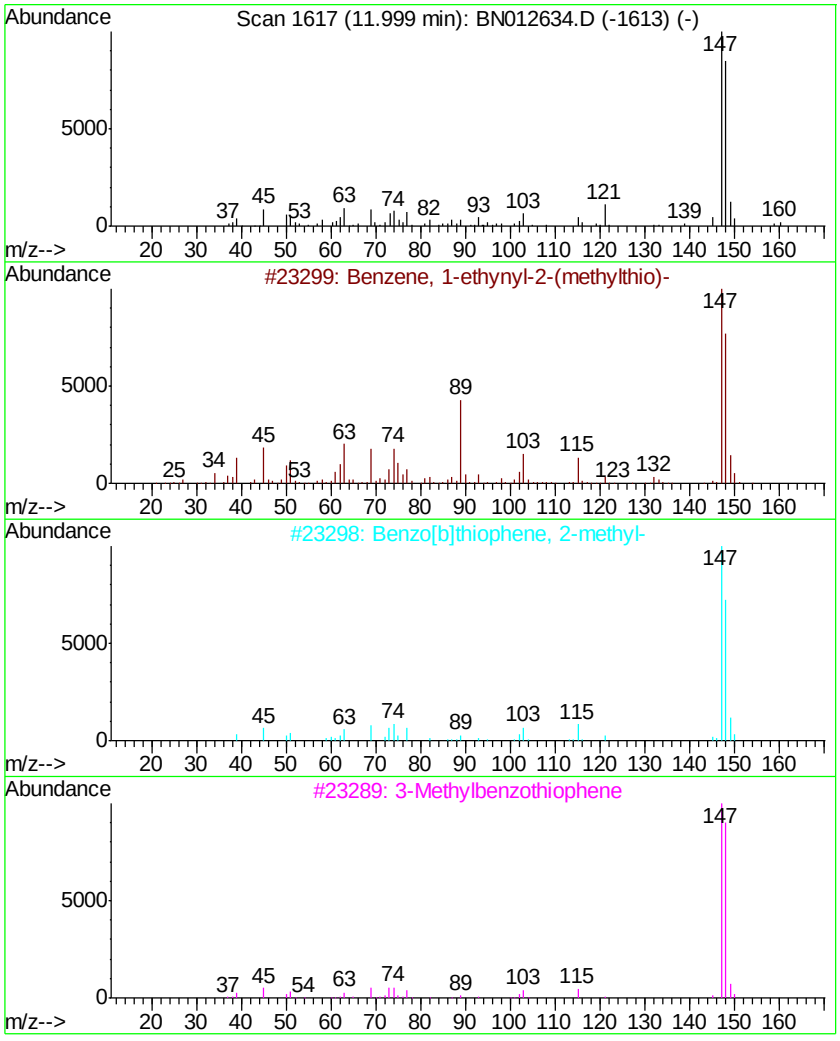
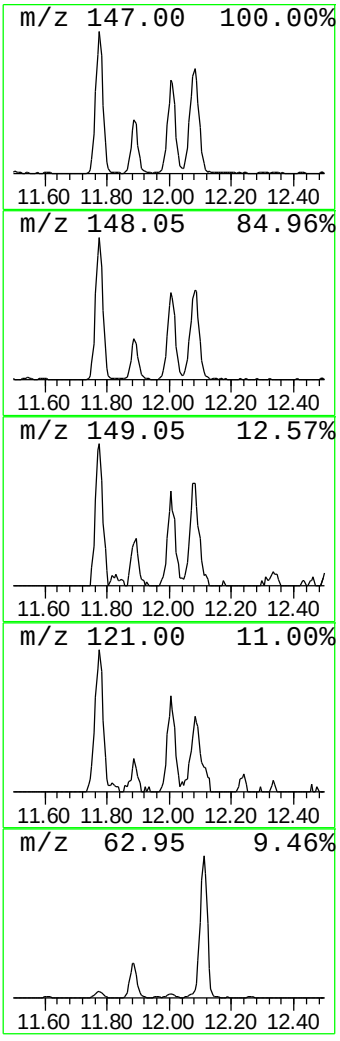
Peak Number 17 Benzene, 1-ethynyl-2-(methy... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	6.98 ng/ul	307045	Naphthalene-d8	10.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	86





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Quant Title : SVOA CALIBRATION

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

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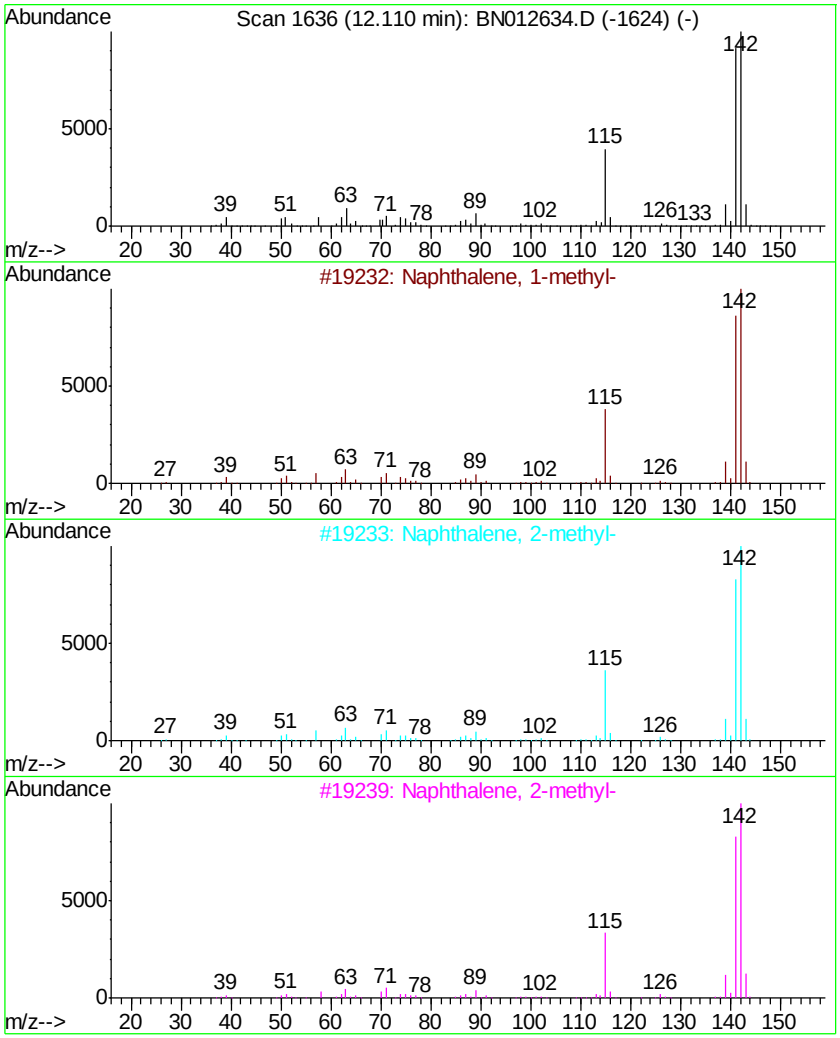
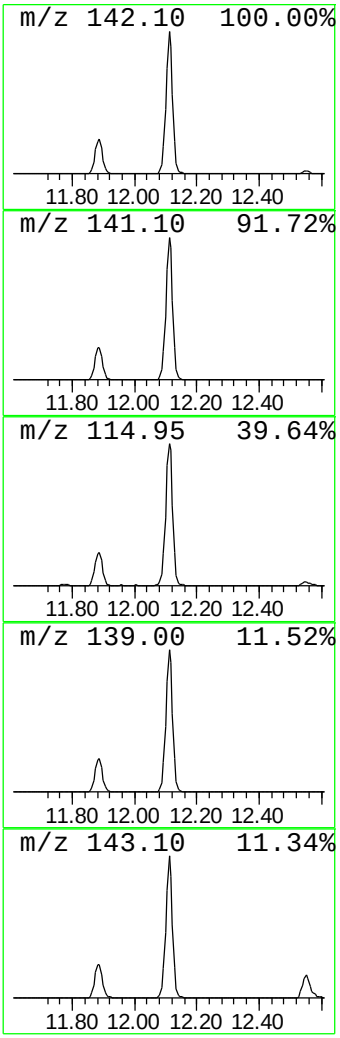
Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	215.75 ng/ul	9489440	Naphthalene-d8	10.22

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	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Quant Title : SVOA CALIBRATION

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

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Peak Number 20 Naphthalene, 1-ethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	4.49 ng/ul	465082	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
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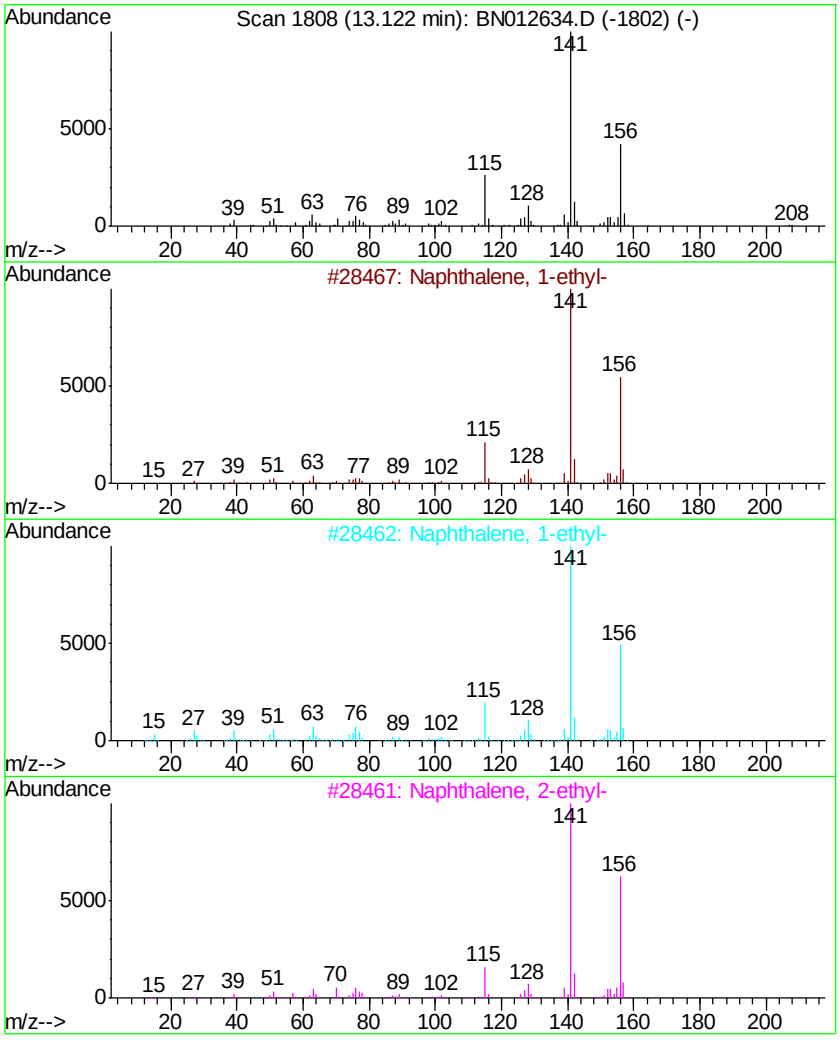

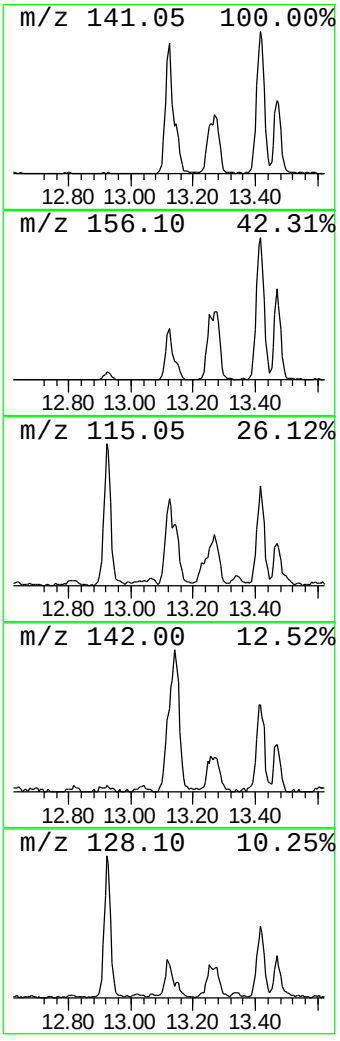

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Quant Title : SVOA CALIBRATION

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

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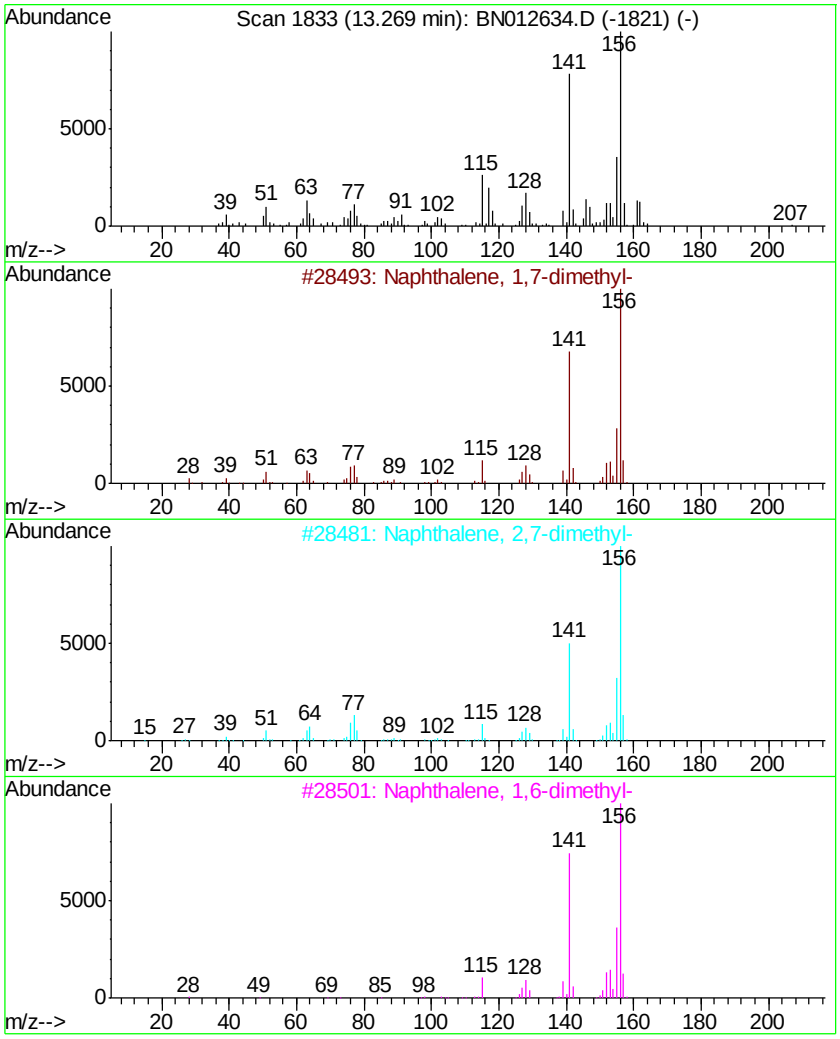
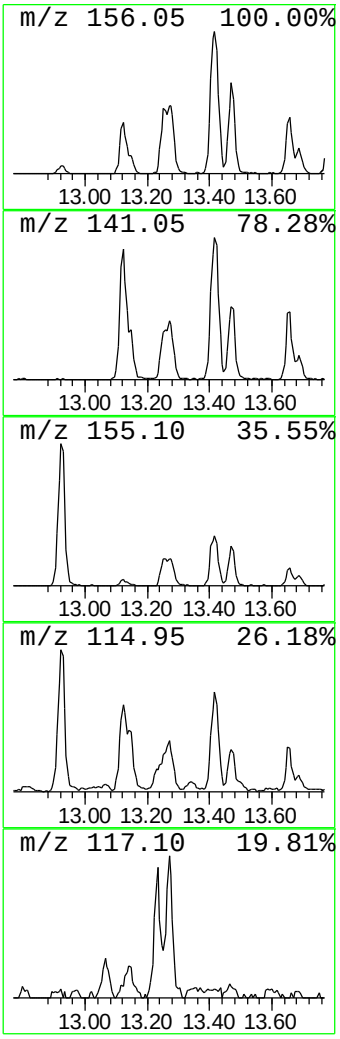
Peak Number 21 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	8.59 ng/ul	890104	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





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Quant Title : SVOA CALIBRATION

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

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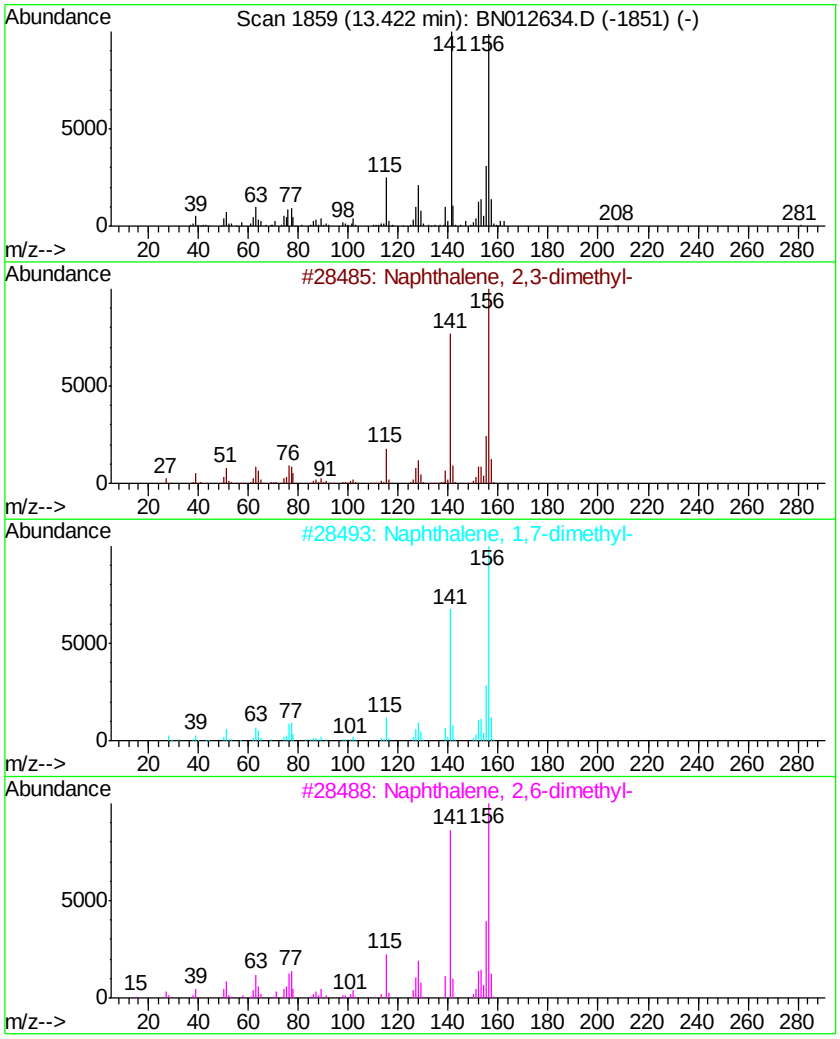
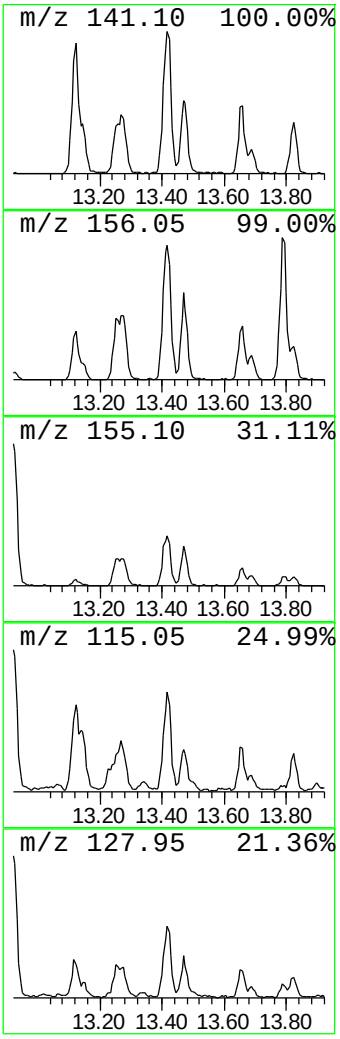
Peak Number 22 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	9.25 ng/ul	957943	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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ClientSampleId : DBGH5

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Quant Title : SVOA CALIBRATION

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

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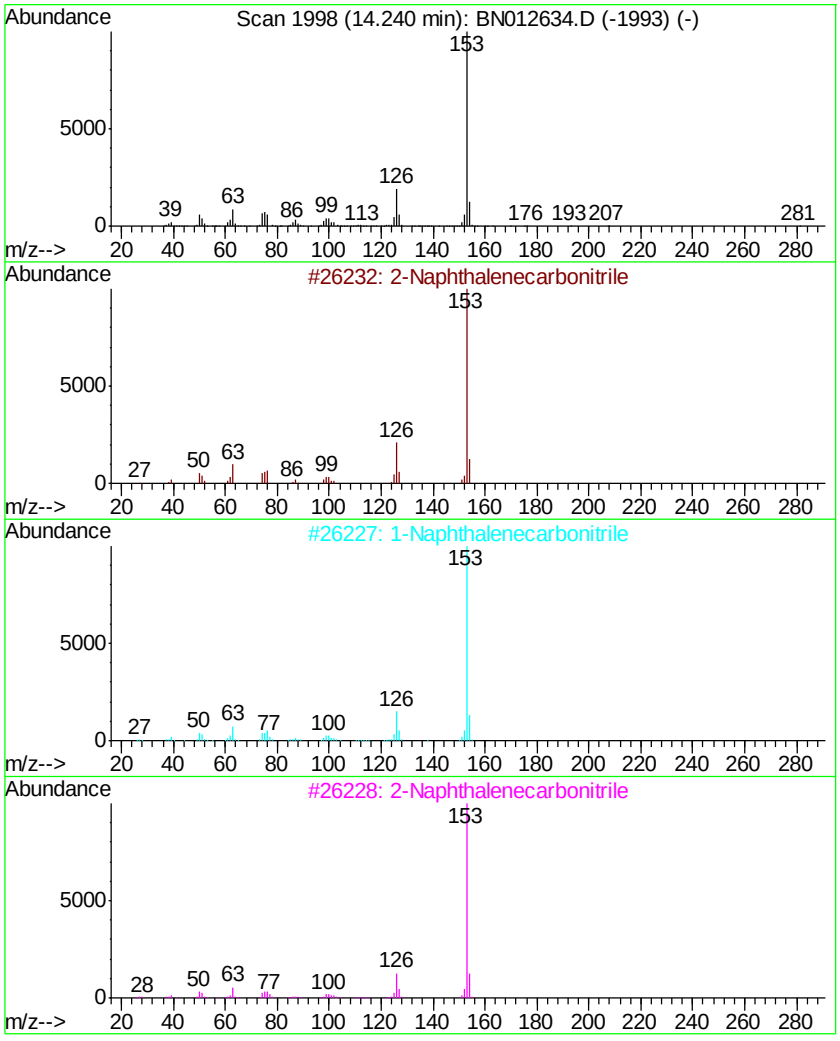
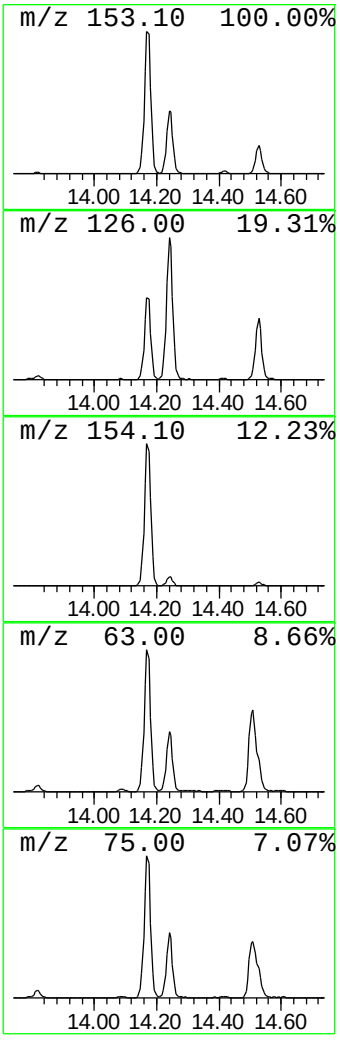
Peak Number 25 2-Naphthalenecarbonitrile Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	46.15 ng/ul	4780960	Acenaphthene-d10	14.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	95
3	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	90
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	87





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Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

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Quant Title : SVOA CALIBRATION

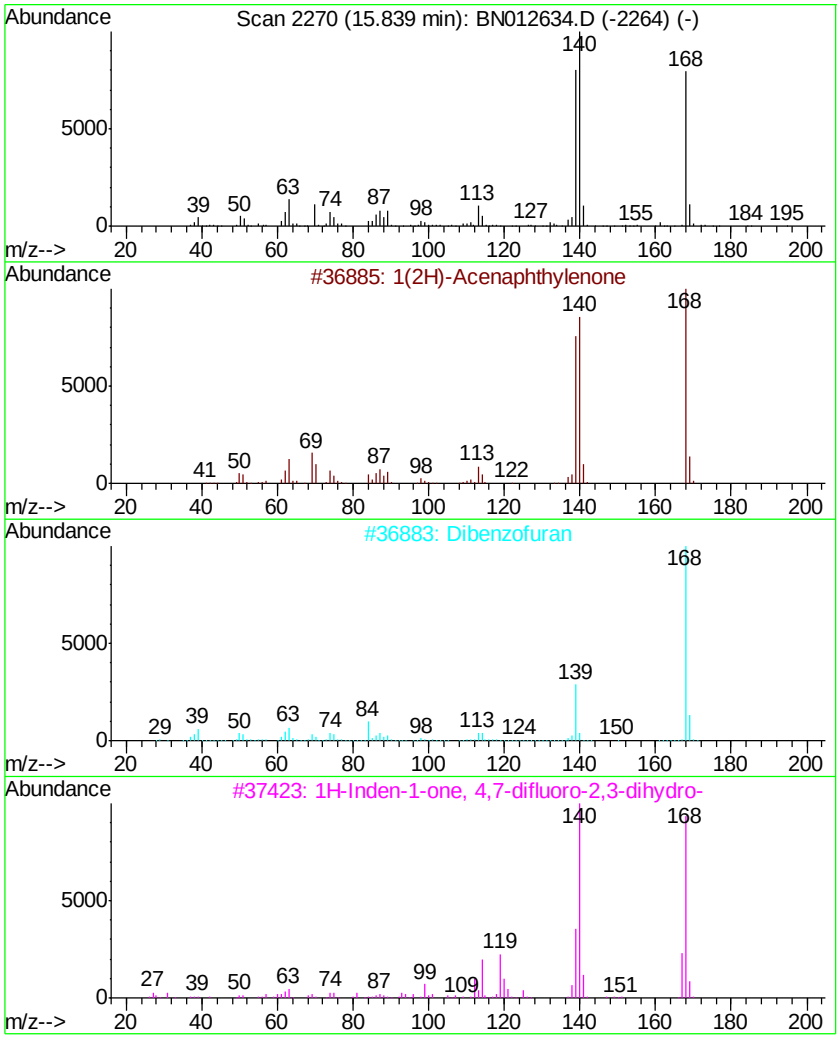
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

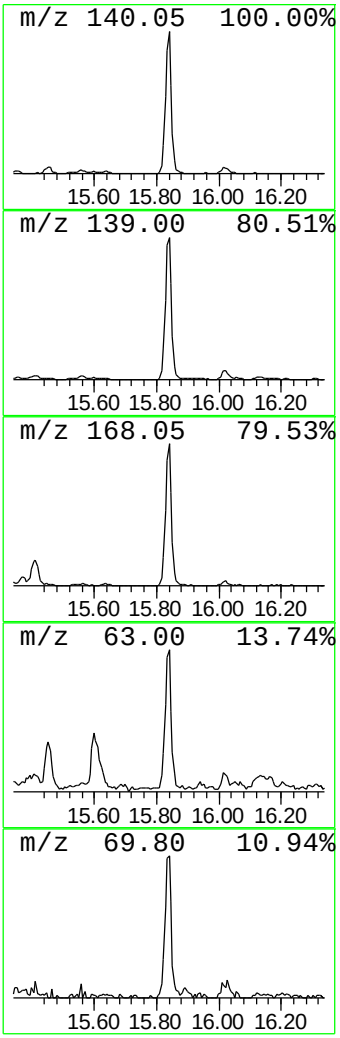
****

Peak Number 31 1(2H)-Acenaphthylenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	8.69 ng/ul	1076900	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	70
2	Dibenzofuran	168	C12H8O	000132-64-9	58
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	53
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

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

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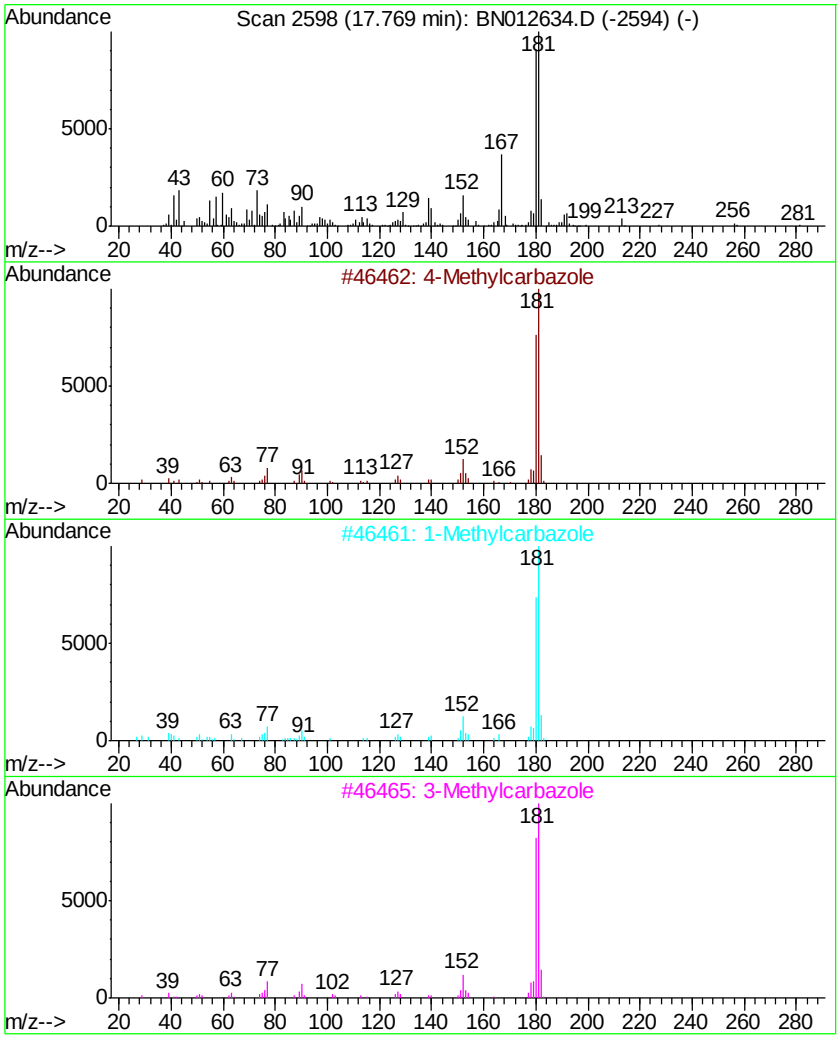
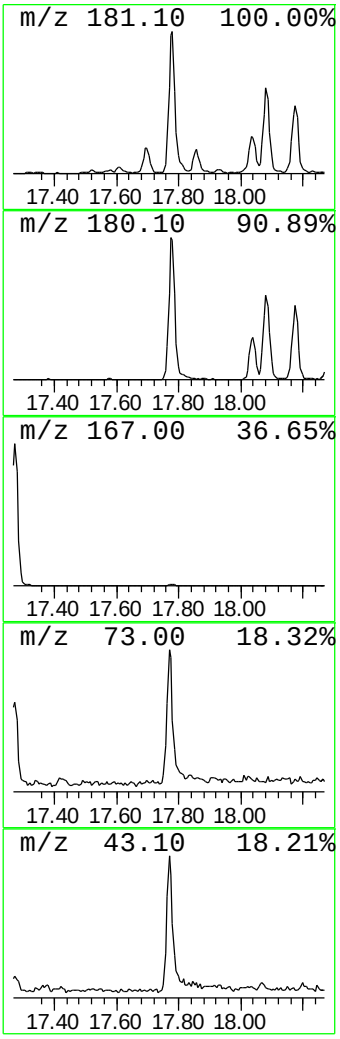
Peak Number 38 4-Methylcarbazole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	15.01 ng/ul	1859470	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	97
2	1-Methylcarbazole	181	C13H11N	006510-65-2	96
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	3-Methylcarbazole	181	C13H11N	004630-20-0	94
5	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	93





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Quant Title : SVOA CALIBRATION

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

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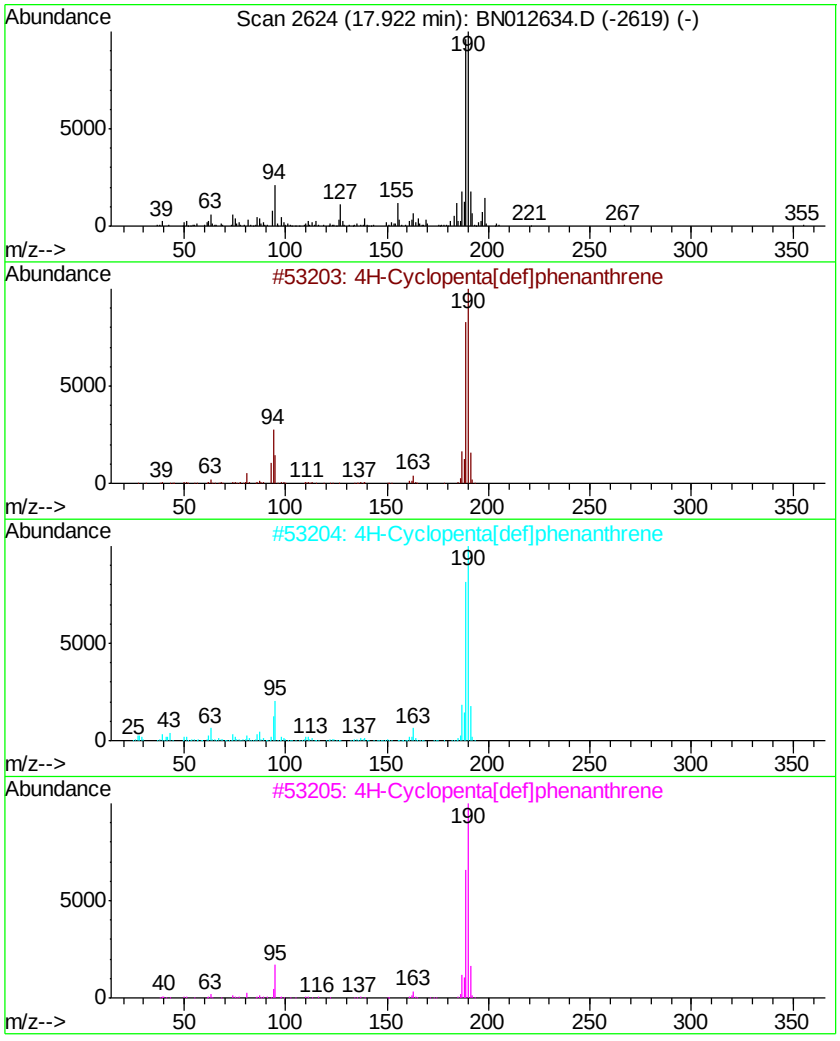
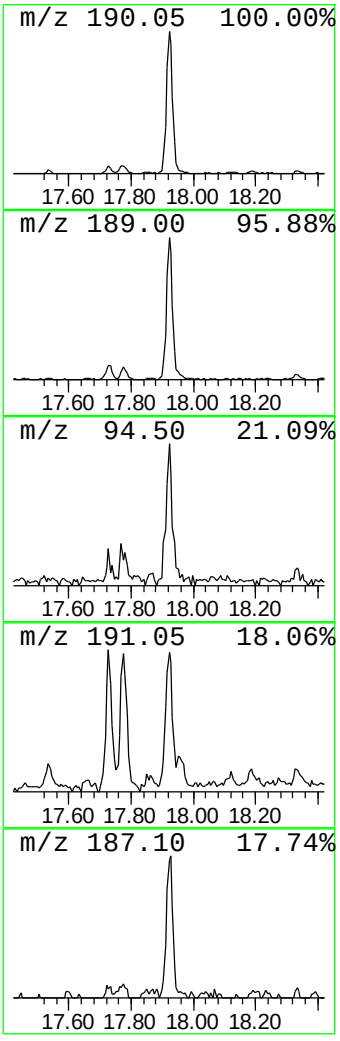
Peak Number 40 4H-Cyclopenta[def]phenanthrene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	4.12 ng/ul	510861	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	74
4	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	58
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	50





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Quant Title : SVOA CALIBRATION

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

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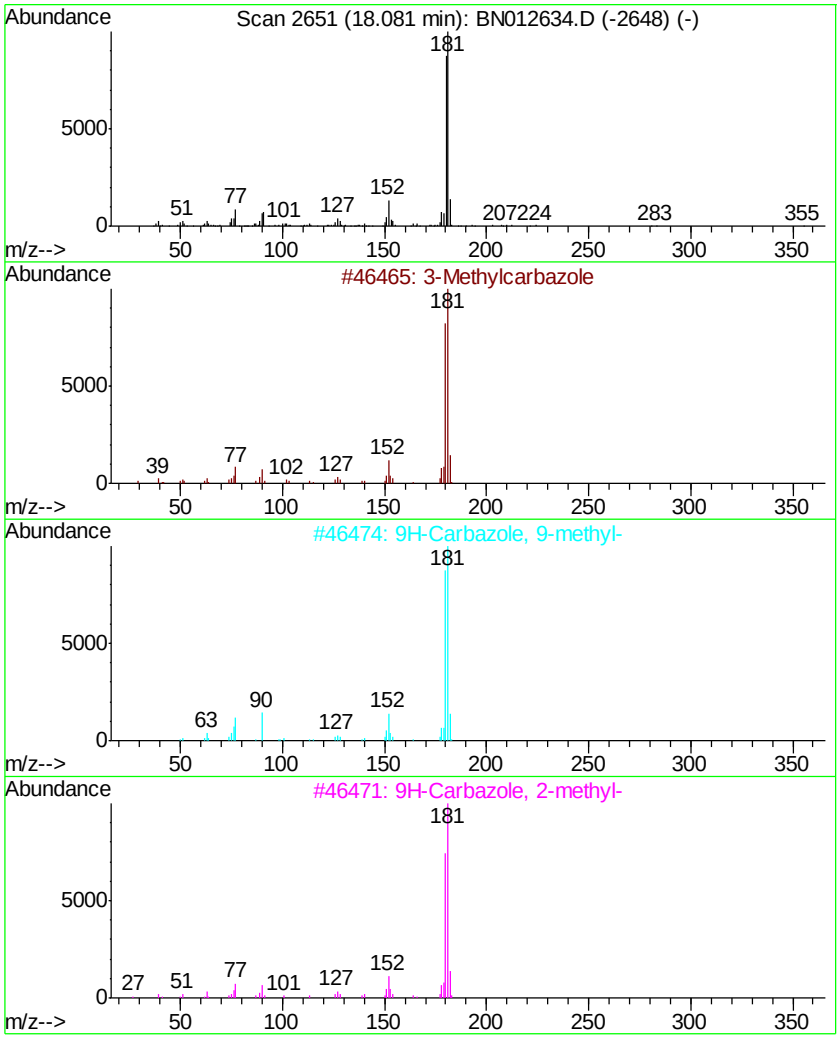
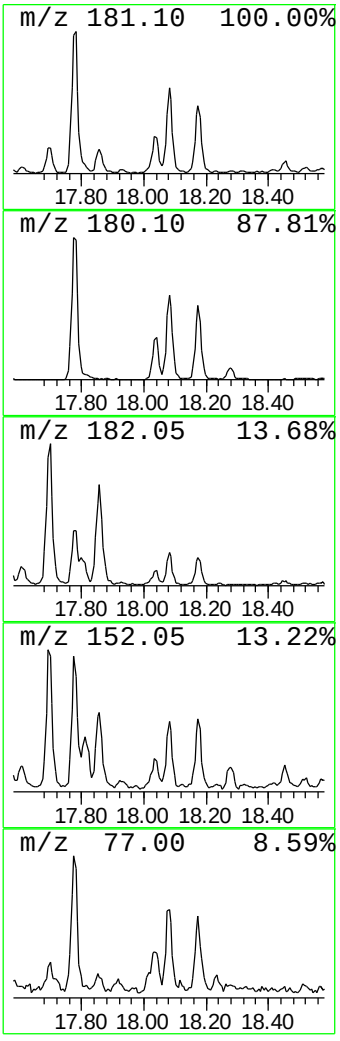
Peak Number 41 3-Methylcarbazole Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	4.21 ng/ul	521686	Phenanthrene-d10	16.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	96
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	94
4	3-Methylcarbazole	181	C13H11N	004630-20-0	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	91





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Misc :
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Quant Title : SVOA CALIBRATION

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

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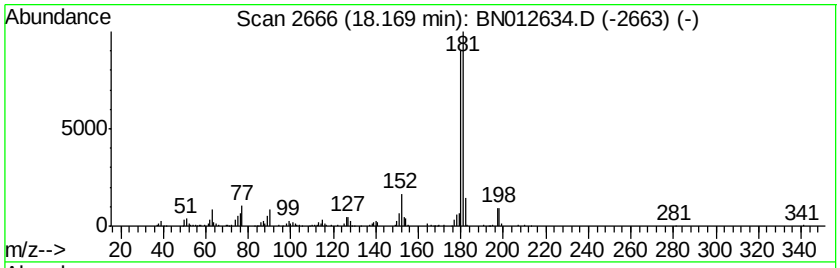
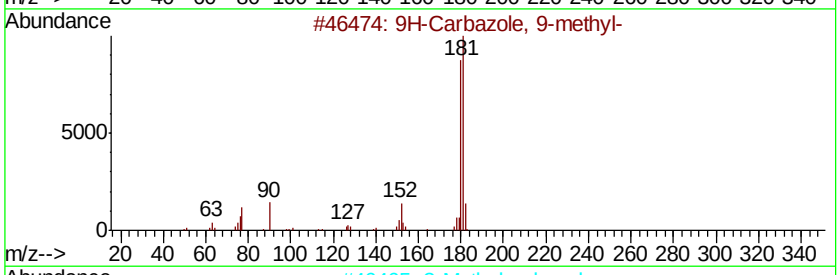
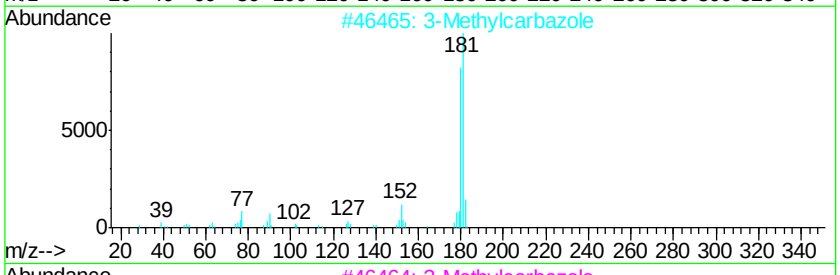
Peak Number 42 9H-Carbazole, 9-methyl- Concentration Rank 21

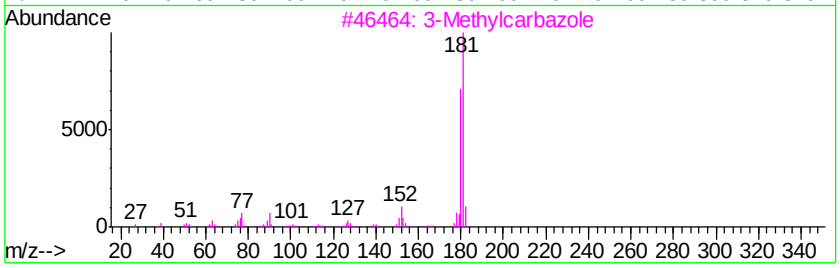
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	6.20 ng/ul	768391	Phenanthrene-d10	16.85

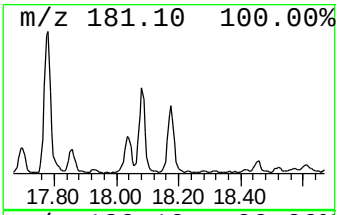
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	95
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	1-Methylcarbazole	181	C13H11N	006510-65-2	90
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	90

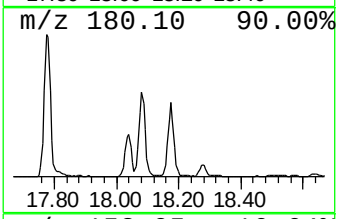


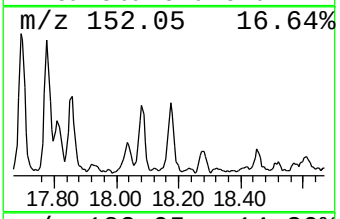


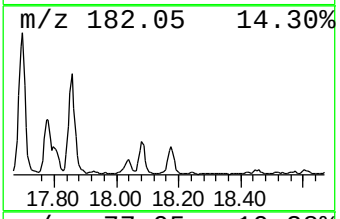


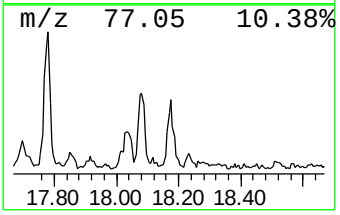












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Operator : CG/JU
Sample : L4753-14
Misc :
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Instrument : BNA_N
ClientSampleId : DBGH5

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Quant Title : SVOA CALIBRATION

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

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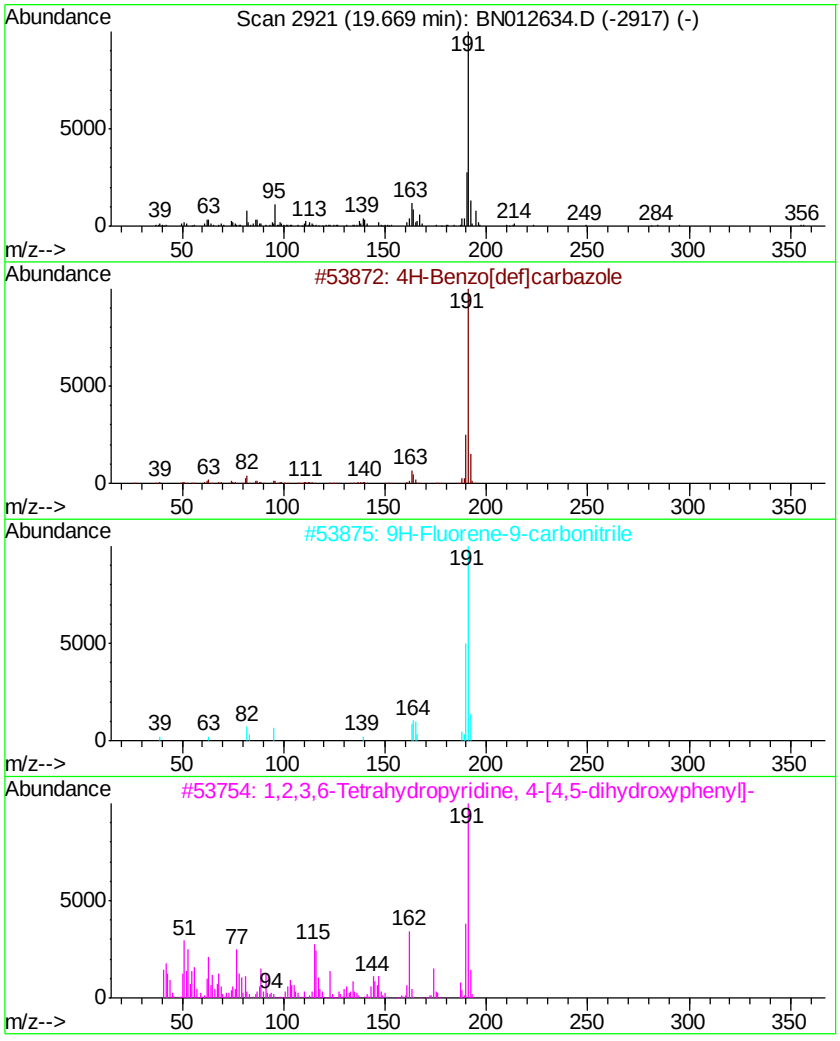
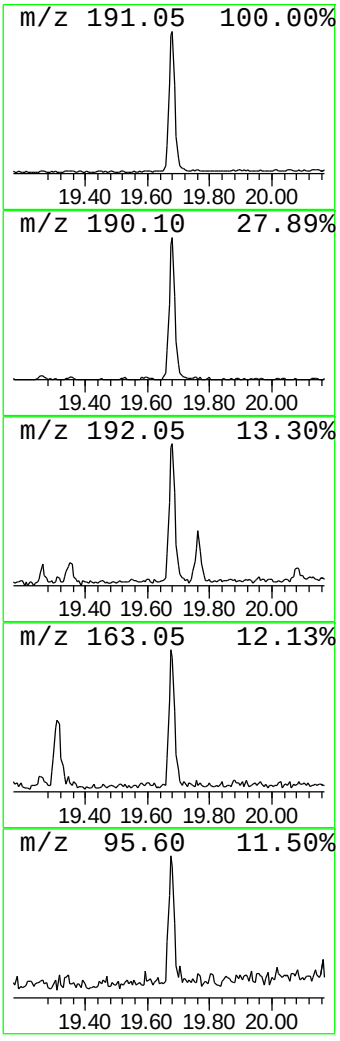
Peak Number 44 4H-Benzo[def]carbazole Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	4.04 ng/ul	470031	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benzo[def]carbazole	191	C14H9N	000203-65-6	90
2	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	59
3	1,2,3,6-Tetrahydropyridine, 4-[4...	191	C11H13NO2	090684-17-6	59
4	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	58
5	2-Fluoro-6-trifluoromethylbenzoi...	404	C22H32F4O2	1000338-53-6	50





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Quant Title : SVOA CALIBRATION

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

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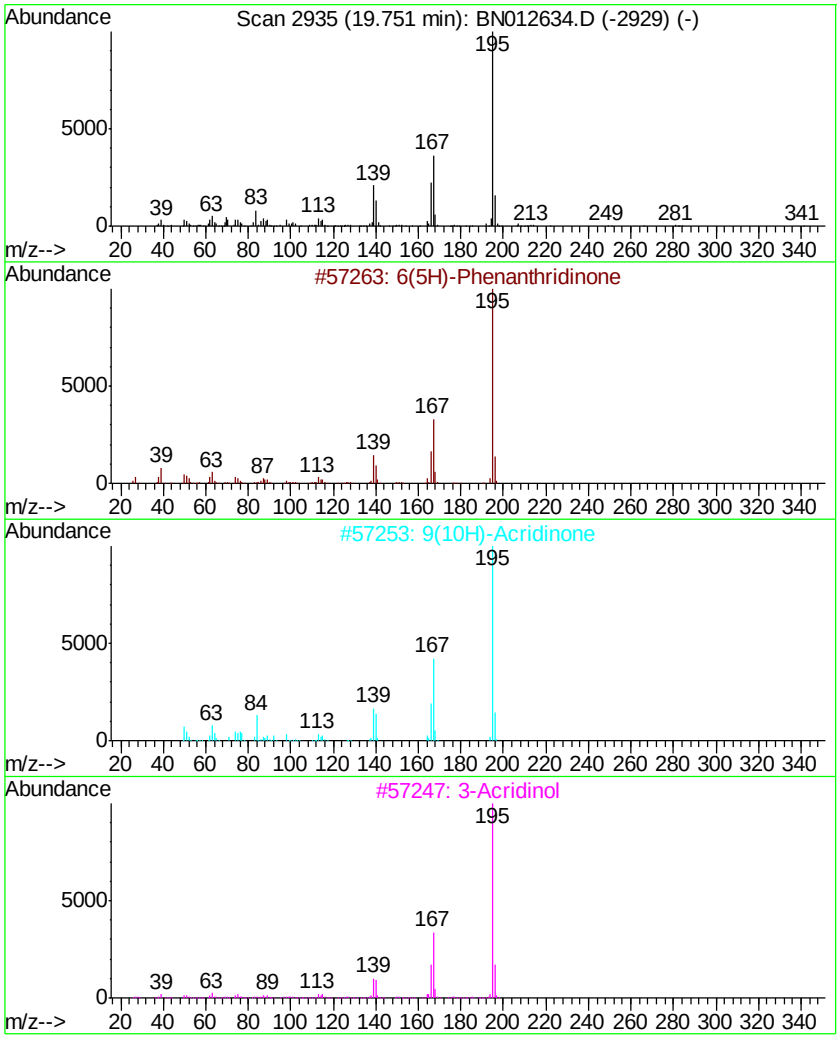
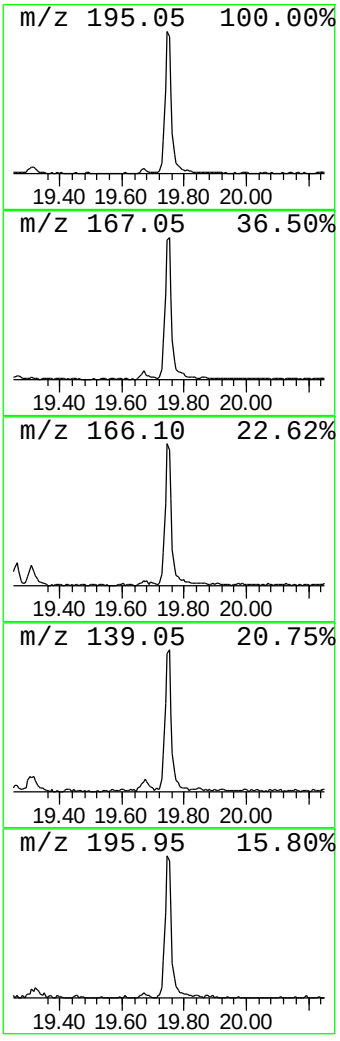
Peak Number 45 6(5H)-Phenanthridinone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	7.83 ng/ul	911985	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
3	3-Acridinol	195	C13H9NO	007132-70-9	94
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	94
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94





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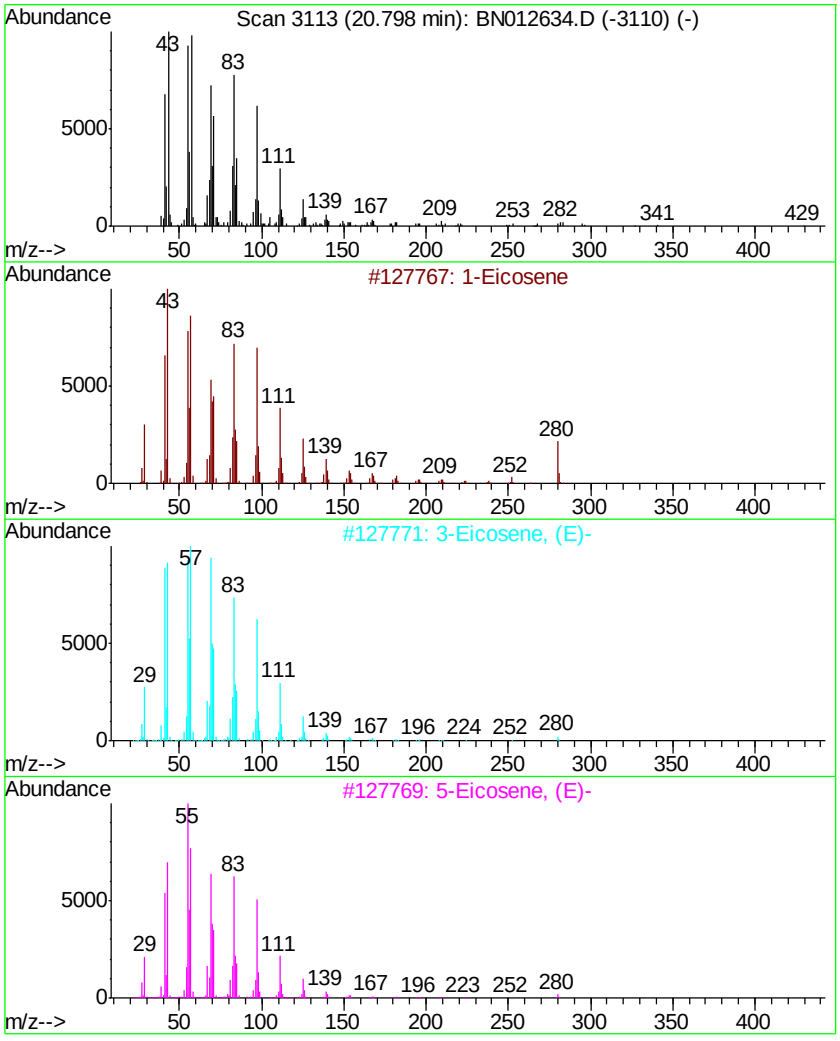
Quant Title : SVOA CALIBRATION

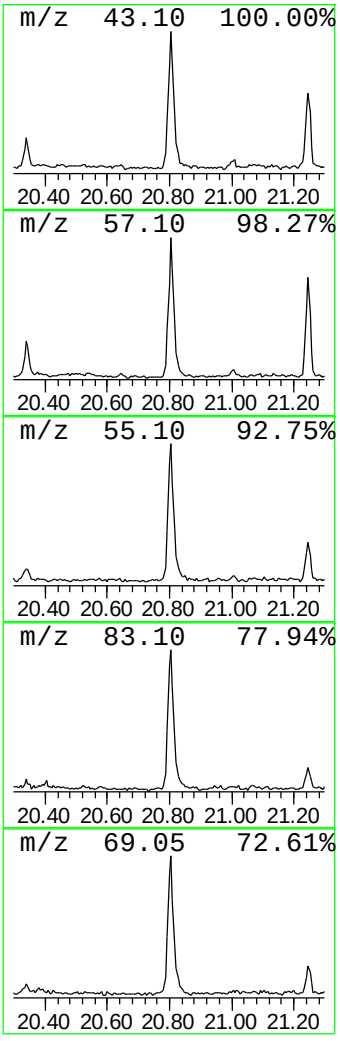
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	5.04 ng/ul	586709	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
4	1-Nonadecene	266	C19H38	018435-45-5	93
5	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91





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Instrument : BNA_N
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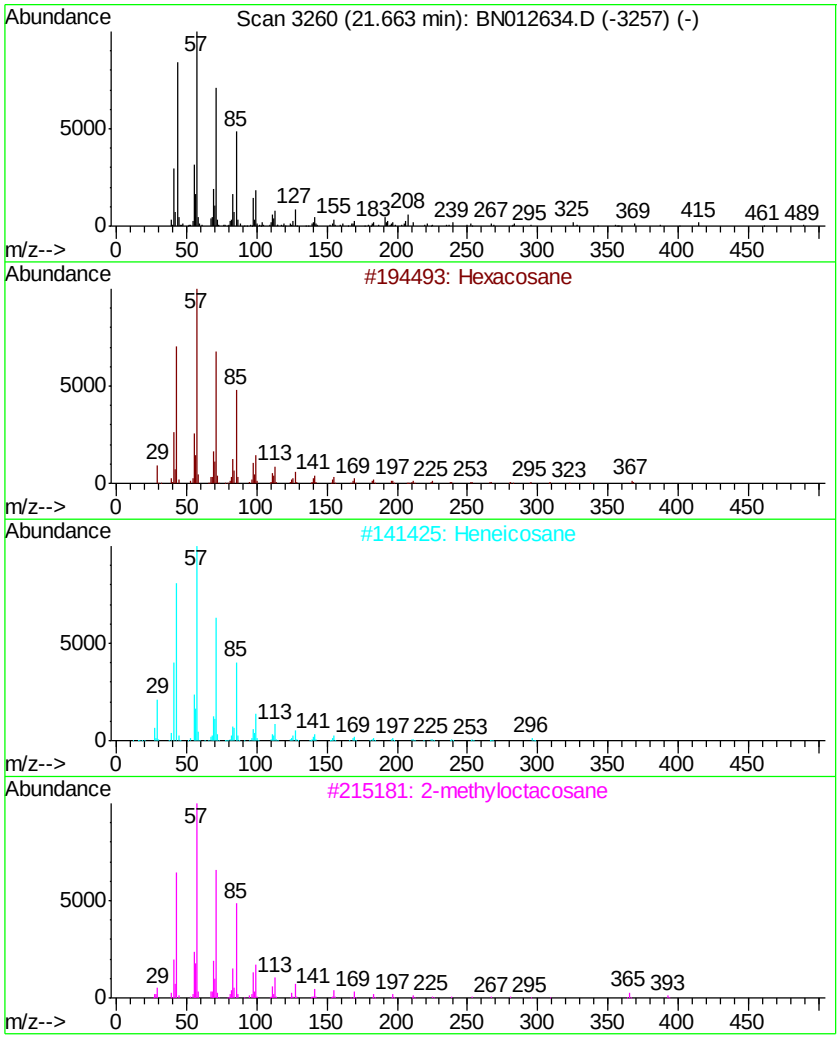
Quant Title : SVOA CALIBRATION

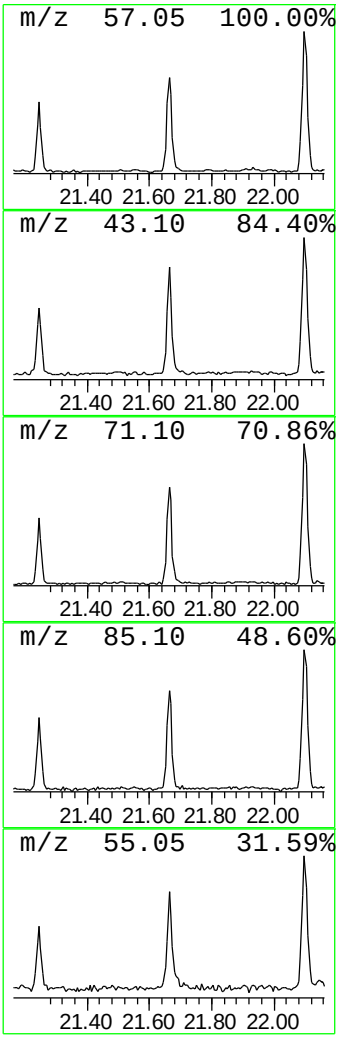
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.66	2.52 ng/ul	293118	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Hexatriacontane	507	C36H74	000630-06-8	83





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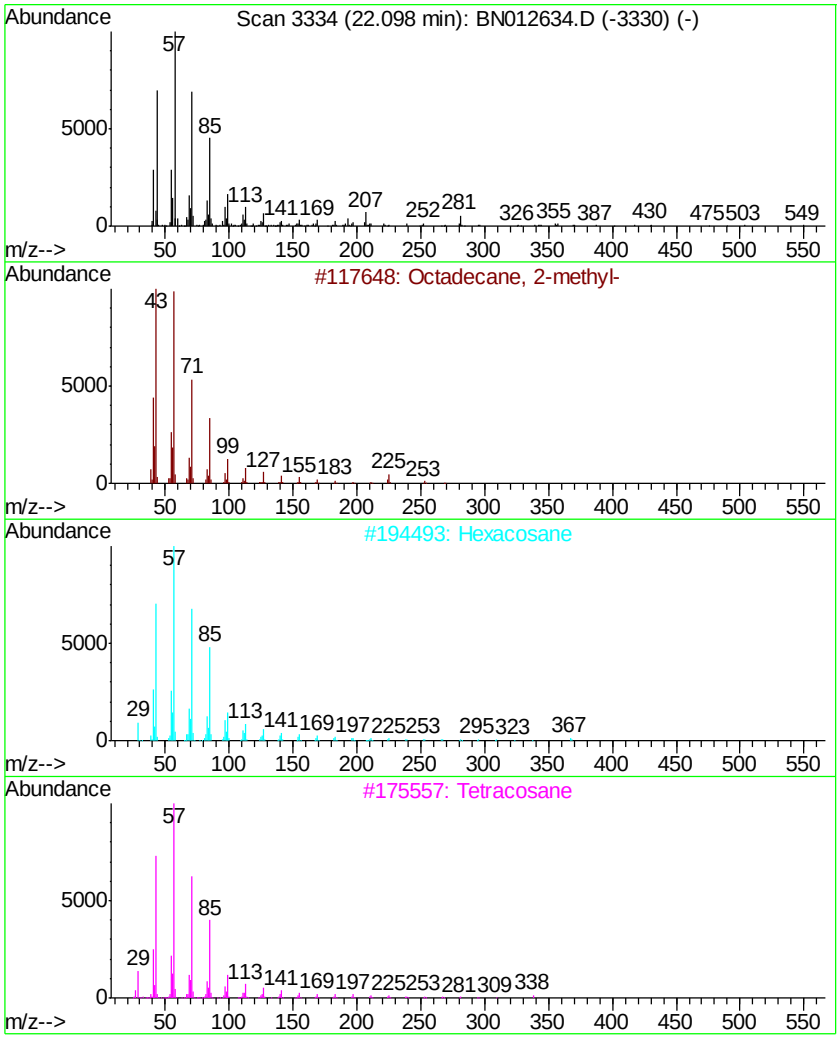
Quant Title : SVOA CALIBRATION

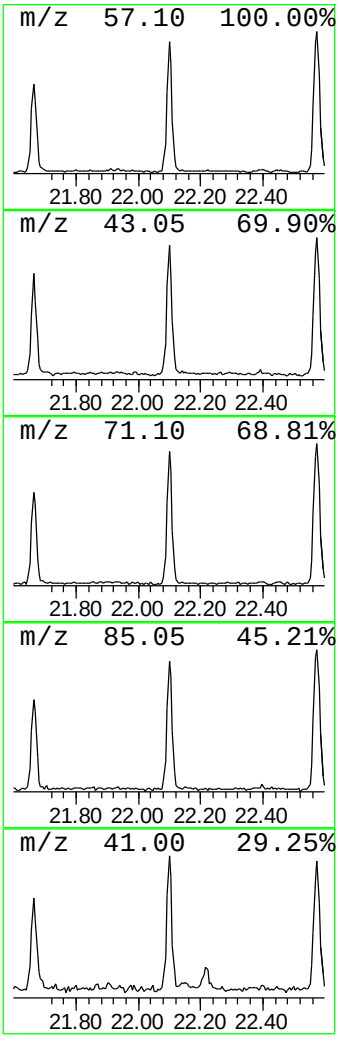
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	4.35 ng/ul	506457	Chrysene-d12	21.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

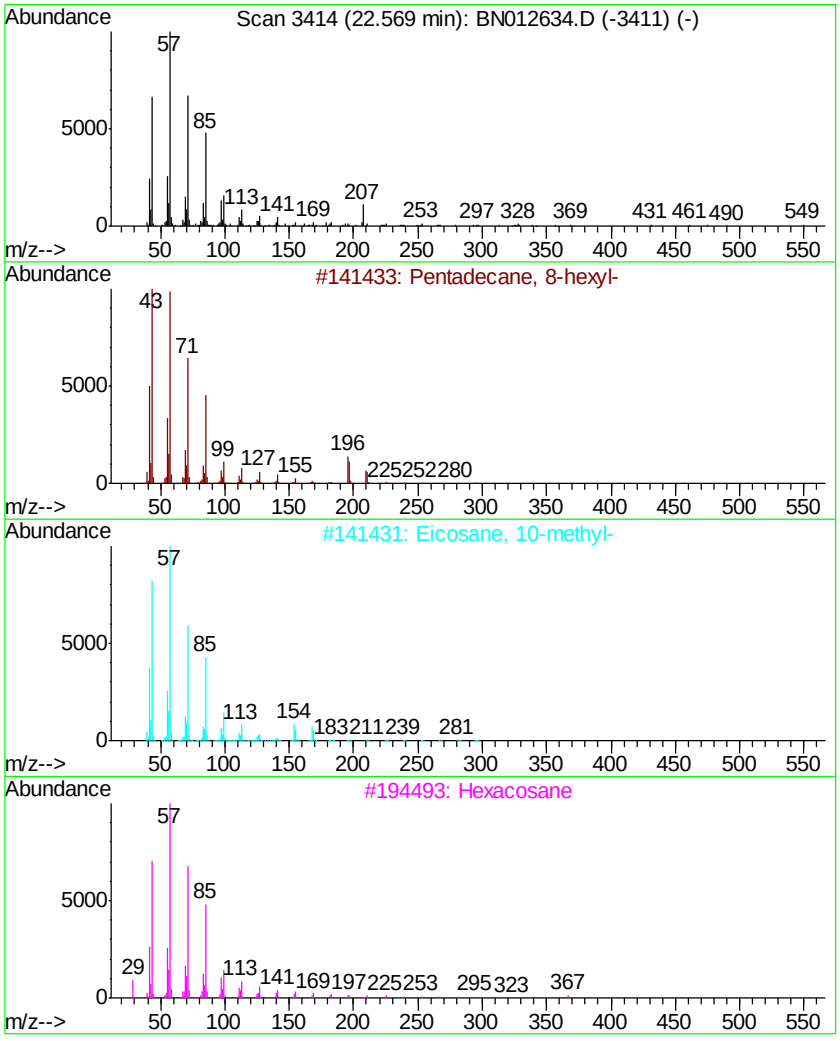
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

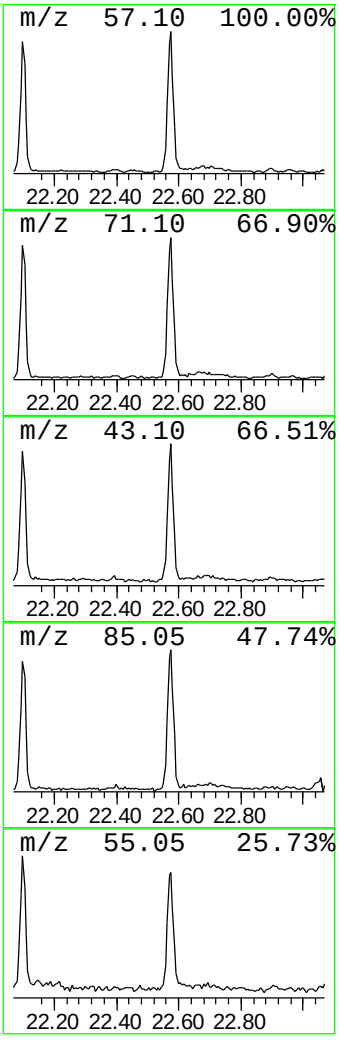
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	4.42 ng/ul	497445	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Hexacosane	366	C26H54	000630-01-3	87
4	Heneicosane	296	C21H44	000629-94-7	87
5	Octacosane	394	C28H58	000630-02-4	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

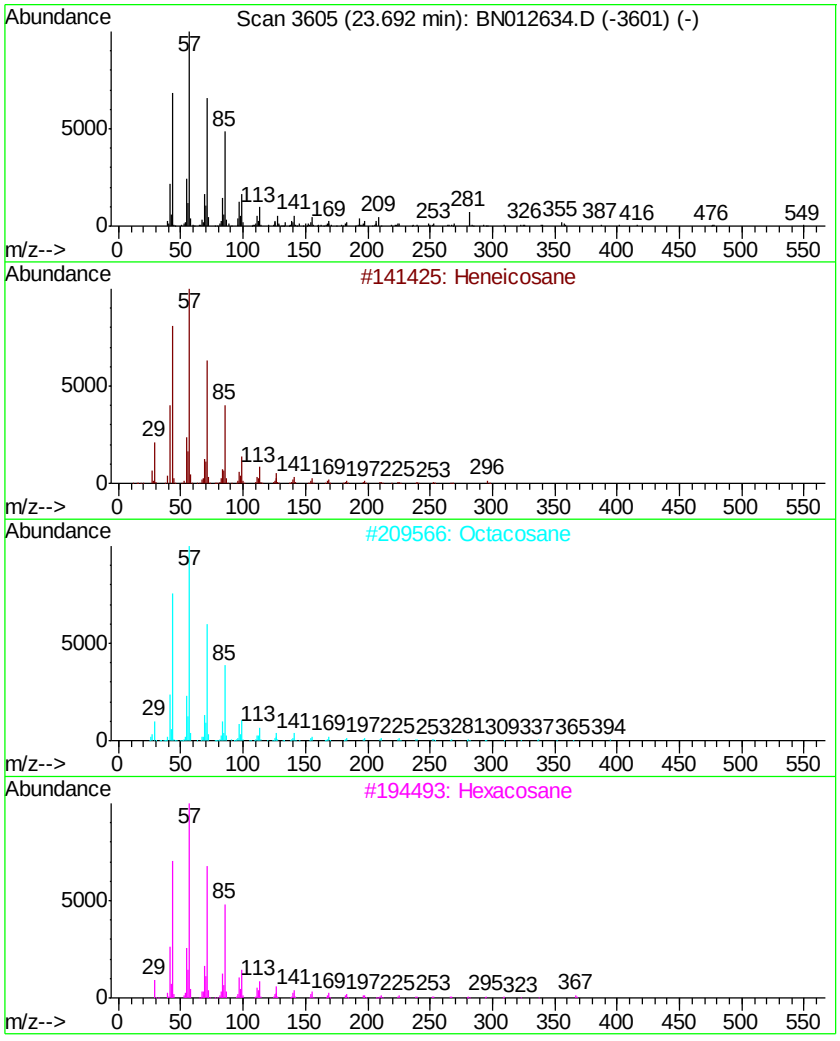
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

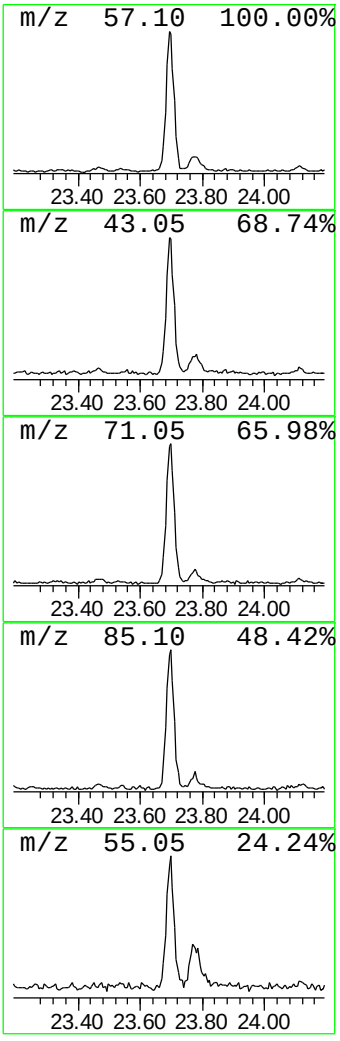
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.69	4.63 ng/ul	520664	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION

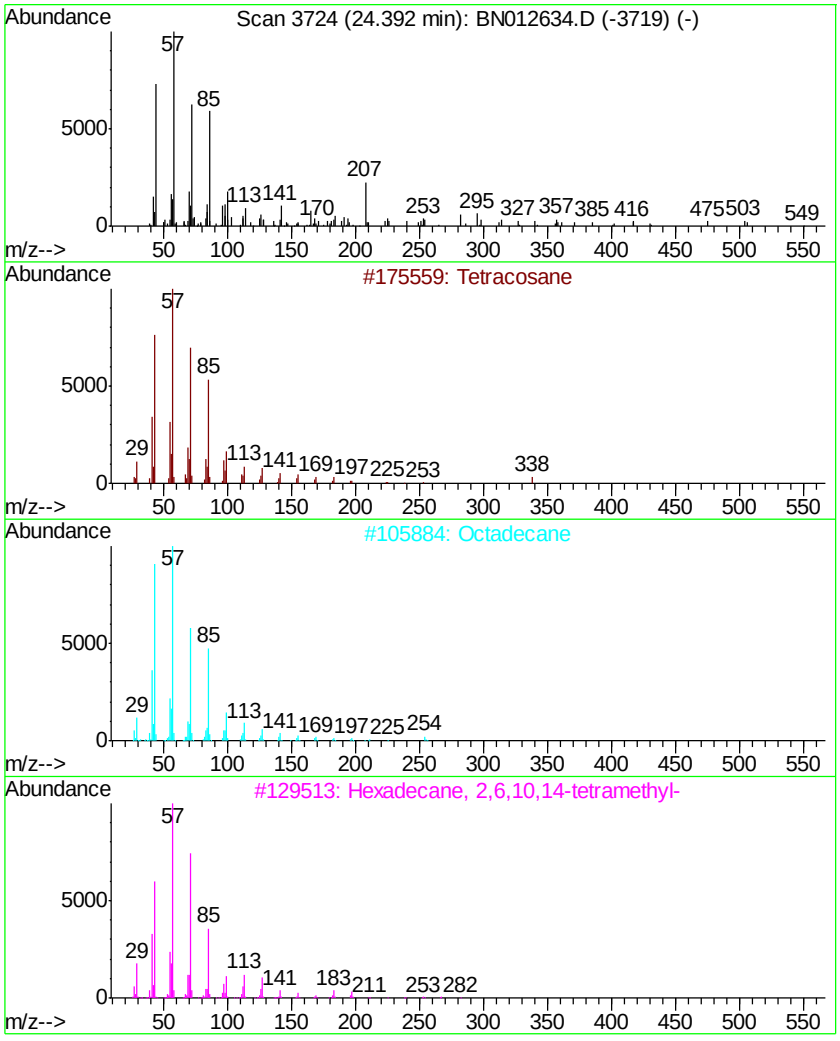
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

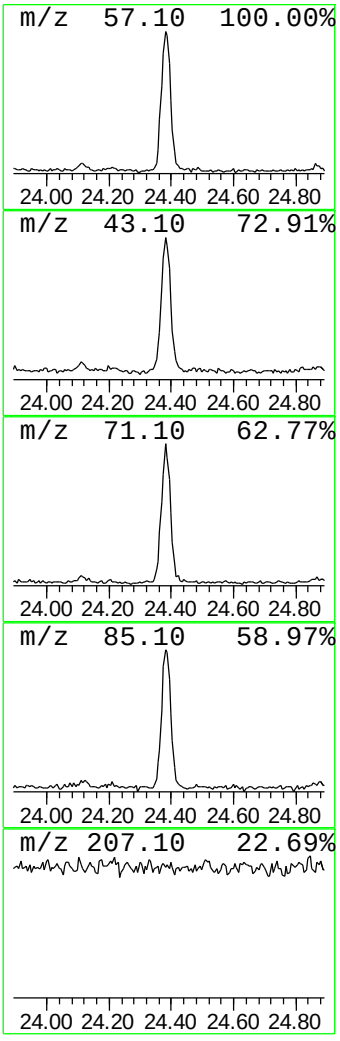
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.39	3.61 ng/ul	405593	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	70
2	Octadecane	254	C18H38	000593-45-3	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Docosane	310	C22H46	000629-97-0	62
5	Heptadecane	240	C17H36	000629-78-7	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN111820\
Data File : BN012634.D
Acq On : 19 Nov 2020 15:57
Operator : CG/JU
Sample : L4753-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.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
(DEL) Alkane: Cyc...	2.63	10.9	ng/ul	444706	1	7.45	816135	20.0
Butane, 2-methoxy...	2.72	28.3	ng/ul	1156630	1	7.45	816135	20.0
Indane	7.80	27.5	ng/ul	1122590	1	7.45	816135	20.0
Benzene, 1-propynyl-	7.97	123.4	ng/ul	5035850	1	7.45	816135	20.0
Benzofuran, 7-met...	8.79	7.2	ng/ul	292997	1	7.45	816135	20.0
Benzofuran, 2-met...	8.91	19.5	ng/ul	856447	2	10.22	879676	20.0
3-Phenyl-2-propyn...	8.97	4.6	ng/ul	202902	2	10.22	879676	20.0
Benzene, 1-butynyl-	9.62	16.1	ng/ul	706960	2	10.22	879676	20.0
Naphthalene, 1,2-...	9.72	7.4	ng/ul	326393	2	10.22	879676	20.0
Benzo[b]thiophene...	11.32	7.4	ng/ul	325727	2	10.22	879676	20.0
Benzo[b]thiophene...	11.78	11.5	ng/ul	504984	2	10.22	879676	20.0
Benzene, 1-ethyny...	12.00	7.0	ng/ul	307045	2	10.22	879676	20.0
Naphthalene, 1-me...	12.11	215.8	ng/ul	9489440	2	10.22	879676	20.0
Naphthalene, 1-et...	13.12	4.5	ng/ul	465082	3	14.10	2071980	20.0
Naphthalene, 1,7-...	13.27	8.6	ng/ul	890104	3	14.10	2071980	20.0
Naphthalene, 2,3-...	13.42	9.3	ng/ul	957943	3	14.10	2071980	20.0
2-Naphthalenecarb...	14.24	46.1	ng/ul	4780960	3	14.10	2071980	20.0
1(2H)-Acenaphthyl...	15.84	8.7	ng/ul	1076900	4	16.85	2477990	20.0
4-Methylcarbazole	17.77	15.0	ng/ul	1859470	4	16.85	2477990	20.0
4H-Cyclopenta[def...	17.92	4.1	ng/ul	510861	4	16.85	2477990	20.0
3-Methylcarbazole	18.08	4.2	ng/ul	521686	4	16.85	2477990	20.0
9H-Carbazole, 9-m...	18.17	6.2	ng/ul	768391	4	16.85	2477990	20.0
4H-Benzo[def]carb...	19.67	4.0	ng/ul	470031	5	21.07	2329760	20.0
6(5H)-Phenanthrid...	19.75	7.8	ng/ul	911985	5	21.07	2329760	20.0
(DEL) Alkane: Str...	20.80	5.0	ng/ul	586709	5	21.07	2329760	20.0
(DEL) Alkane: Str...	21.66	2.5	ng/ul	293118	5	21.07	2329760	20.0
(DEL) Alkane: Str...	22.10	4.3	ng/ul	506457	5	21.07	2329760	20.0
(DEL) Alkane: Str...	22.57	4.4	ng/ul	497445	6	23.19	2248580	20.0
(DEL) Alkane: Str...	23.69	4.6	ng/ul	520664	6	23.19	2248580	20.0
(DEL) Alkane: Str...	24.39	3.6	ng/ul	405593	6	23.19	2248580	20.0