LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.281	193	203	212	rBV2	12821	29321	4.55%	0.246%
2	5.357	553	556	566	rBV	457563	549719	85.38%	4.609%
3	5.557	587	590	598	rBV	88546	123024	19.11%	1.031%
4	6.387	728	731	739	rBV	586299	627529	97.46%	5.261%
5	6.445	739	741	749	rVB	28081	39780	6.18%	0.334%
6	6.510	749	752	758	rBV	720300	642338	99.76%	5.385%
7	6.569	758	762	767	rVV	182808	211160	32.80%	1.770%
8	6.610	767	769	778	rVB	83471	92248	14.33%	0.773%
9	6.734	786	790	801	rBV	356815	313949	48.76%	2.632%
10	6.887	813	816	828	rVB	463925	459021	71.29%	3.848%
11	6.998	830	835	843	rBV	107374	154152	23.94%	1.292%
12	7.239	871	876	879	rBV2	21432	20279	3.15%	0.170%
13	7.269	879	881	883	rVV	19954	18688	2.90%	0.157%
14	7.298	883	886	892	rVV	381713	375744	58.36%	3.150%
15	7.351	892	895	900	rVV	66030	92199	14.32%	0.773%
16	7.398	900	903	912	rVB	41114	46978	7.30%	0.394%
17	7.534	922	926	929	rBV3	13339	18053	2.80%	0.151%
18	7.592	929	936	944	rVV	378210	425655	66.11%	3.569%
19	7.769	961	966	969	rBV2	77044	91633	14.23%	0.768%
20	7.816	969	974	983	rVV	128355	176289	27.38%	1.478%
21	7.886	983	986	991	rVB4	10754	17161	2.67%	0.144%
22	8.016	1003	1008	1011	rBV	501146	415886	64.59%	3.487%
23	8.081	1016	1019	1026	rVB4	12070	22068	3.43%	0.185%
24	8.234	1041	1045	1048	rBV	415660	342642	53.22%	2.873%
25	8.292	1052	1055	1060	rBV	425128	375343	58.29%	3.147%
26	8.475	1082	1086	1090	rVB2	18164	23082	3.58%	0.194%
27	8.522	1090	1094	1096	rBV2	19398	21344	3.31%	0.179%
28	8.592	1102	1106	1109	rBV5	9168	17957	2.79%	0.151%
29	8.622	1109	1111	1114	rVB2	18249	17498	2.72%	0.147%
30	8.722	1123	1128	1137	rBV2	156242	178910	27.79%	1.500%
31	8.786	1137	1139	1143	rVV	117132	91510	14.21%	0.767%
32	8.828	1143	1146	1149	rVV	79293	62767	9.75%	0.526%
33	8.898	1155	1158	1161	rBV	83028	69135	10.74%	0.580%
34	9.010	1173	1177	1180	rBV	112498	92120	14.31%	0.772%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.086	1185	1190	1196	rBV	733401	643875	100.00%	5.398%
36	9.216	1209	1212	1215	rBV	71959	76457	11.87%	0.641%
37	9.239	1215	1216	1221	rVV	61216	60113	9.34%	0.504%
38	9.298	1221	1226	1229	rVV	27810	28335	4.40%	0.238%
39	9.328	1229	1231	1234	rVV	33439	30485	4.73%	0.256%
40	9.363	1234	1237	1239	rVV2	25518	26337	4.09%	0.221%
41	9.386	1239	1241	1245	rVB2	34176	32147	4.99%	0.270%
42	9.428	1245	1248	1251	rBV	41743	40393	6.27%	0.339%
43	9.486	1254	1258	1263	rVB	82182	85457	13.27%	0.716%
44	9.633	1278	1283	1292	rVB4	28070	54881	8.52%	0.460%
45	9.710	1292	1296	1298	rBV2	30835	32262	5.01%	0.270%
46	9.733	1298	1300	1302	rVV	26134	26449	4.11%	0.222%
47	9.769	1302	1306	1309	rVV	541700	463844	72.04%	3.889%
48	9.798	1309	1311	1318	rVB3	38118	47397	7.36%	0.397%
49	9.939	1330	1335	1338	rVV5	31461	47548	7.38%	0.399%
50	10.104	1361	1363	1368	rVB3	15565	19934	3.10%	0.167%
51	10.186	1375	1377	1381	rVB5	19381	23282	3.62%	0.195%
52	10.316	1396	1399	1403	rVB2	22758	22336	3.47%	0.187%
53	10.557	1437	1440	1446	rBV	310638	312635	48.56%	2.621%
54	10.686	1457	1462	1467	rVB8	10293	17821	2.77%	0.149%
55	11.110	1531	1534	1538	rBV6	12336	18248	2.83%	0.153%
56	11.151	1538	1541	1543	rVV3	17463	18693	2.90%	0.157%
57	11.175	1543	1545	1548	rVB	23765	21443	3.33%	0.180%
58	11.257	1555	1559	1561	rBV	371723	376250	58.44%	3.155%
59	11.275	1561	1562	1567	rVV	168658	147259	22.87%	1.235%
60	11.333	1569	1572	1575	rVB	34956	32122	4.99%	0.269%
61	11.369	1575	1578	1581	rBV	26597	28071	4.36%	0.235%
62	11.486	1594	1598	1603	rBV2	46088	55940	8.69%	0.469%
63	11.545	1605	1608	1611	rVB2	27099	26982	4.19%	0.226%
64	11.598	1612	1617	1621	rVB2	29168	37648	5.85%	0.316%
65	11.651	1623	1626	1631	rVB	44753	46873	7.28%	0.393%
66	11.757	1640	1644	1646	rBV3	75616	80832	12.55%	0.678%
67	11.780	1646	1648	1651	rBV2	80781	74070	11.50%	0.621%
68	11.810	1651	1653	1655	rVB2	24818	18649	2.90%	0.156%
69	11.869	1660	1663	1664	rBV2	42390	43271	6.72%	0.363%
70	11.916	1669	1671	1675	rVB	43406	39925	6.20%	0.335%
71	12.010	1682	1687	1690	rBV2	47274	68217	10.59%	0.572%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF101819.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.145	1708	1710	1717	rVB	26677	29889	4.64%	0.251%
73	12.233	1721	1725	1728	rBV2	33899	40315	6.26%	0.338%
74	12.280	1731	1733	1735	rBV3	18347	19100	2.97%	0.160%
75	12.310	1735	1738	1741	rVV2	21265	28264	4.39%	0.237%
76	12.339	1741	1743	1746	rVB3	24894	22726	3.53%	0.191%
77	12.469	1762	1765	1768	rBV	267518	234097	36.36%	1.963%
78	12.504	1768	1771	1774	rVB4	33867	37657	5.85%	0.316%
79	12.698	1798	1804	1809	rVB	239214	258071	40.08%	2.164%
80	12.810	1820	1823	1824	rBV	21956	20324	3.16%	0.170%
81	12.833	1824	1827	1831	rVB	427056	383794	59.61%	3.218%
82	12.974	1848	1851	1853	rVB2	26011	20288	3.15%	0.170%
83	13.027	1858	1860	1863	rVB3	37516	38065	5.91%	0.319%
84	13.069	1863	1867	1869	rBV5	21007	25048	3.89%	0.210%
85	13.092	1869	1871	1873	rVV	29849	22804	3.54%	0.191%
86	13.127	1875	1877	1884	rVB3	29275	40481	6.29%	0.339%
87	13.221	1891	1893	1896	rBV2	18705	20263	3.15%	0.170%
88	13.257	1897	1899	1902	rVB2	19565	18911	2.94%	0.159%
89	13.404	1922	1924	1928	rBV5	15158	21276	3.30%	0.178%
90	13.651	1964	1966	1968	rBV2	19932	19616	3.05%	0.164%
91	13.704	1973	1975	1978	rBV	16797	21624	3.36%	0.181%
92	13.739	1978	1981	1988	rVB4	61906	105818	16.43%	0.887%
93	13.868	2000	2003	2004	rBV	35162	33434	5.19%	0.280%
94	13.898	2004	2008	2011	rVV2	357539	429027	66.63%	3.597%
95	13.927	2011	2013	2016	rVB	111147	97358	15.12%	0.816%
96	14.286	2072	2074	2077	rVB2	29659	25829	4.01%	0.217%
97	14.927	2180	2183	2186	rBV	78732	105465	16.38%	0.884%
98	15.215	2229	2232	2235	rVB	48647	49225	7.65%	0.413%
99	15.274	2239	2242	2246	rVB	60141	74204	11.52%	0.622%
100	15.333	2248	2252	2256	rBV	170309	202710	31.48%	1.700%

Sum of corrected areas: 11927346

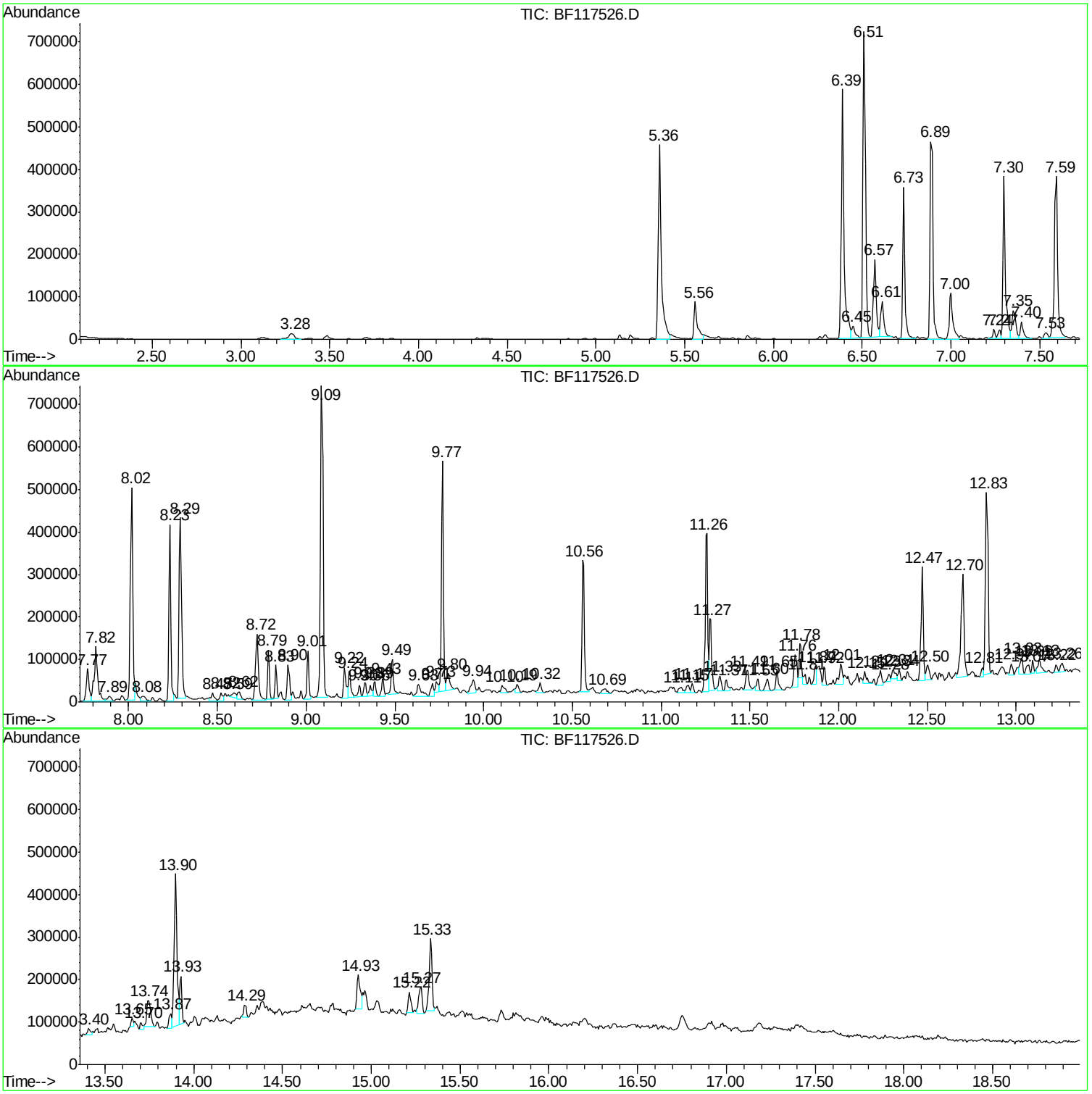
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

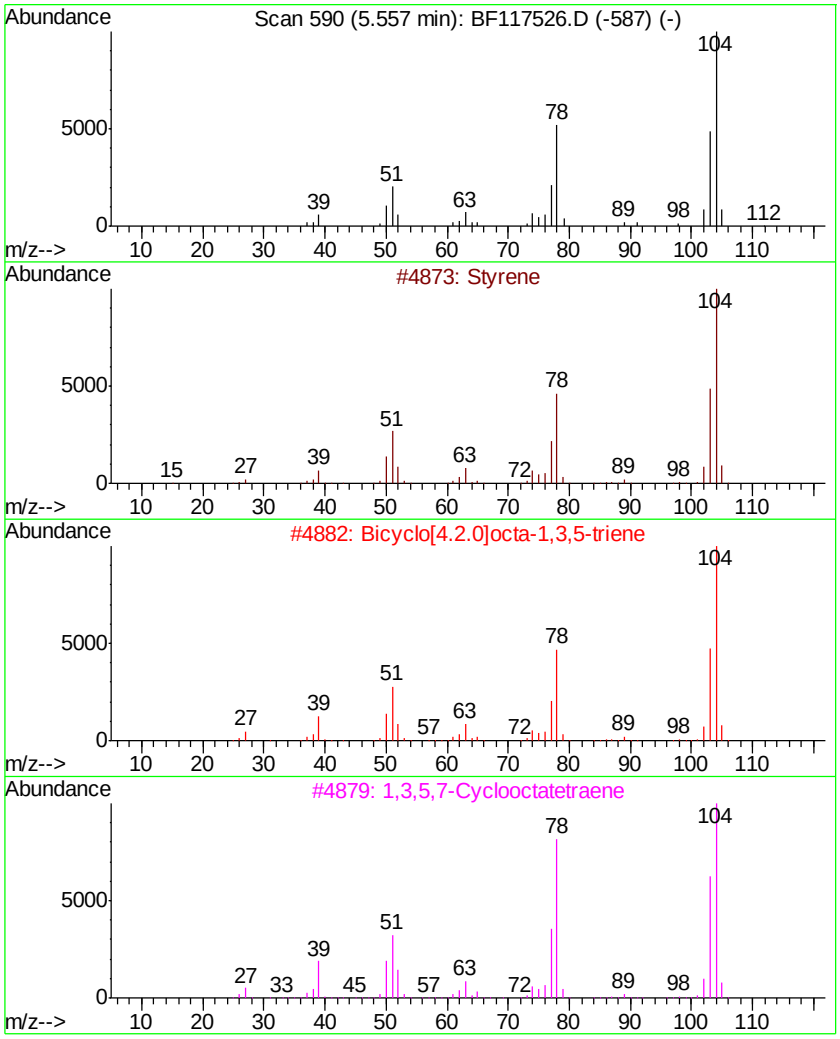
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

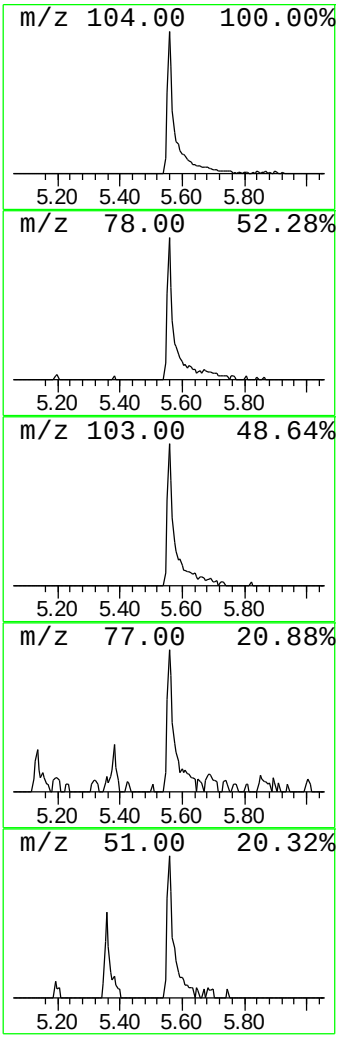
****

Peak Number 1 Styrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	7.84 ng	123024	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Styrene	104	C8H8	000100-42-5	96
2	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	95
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	94
4	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	72
5	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

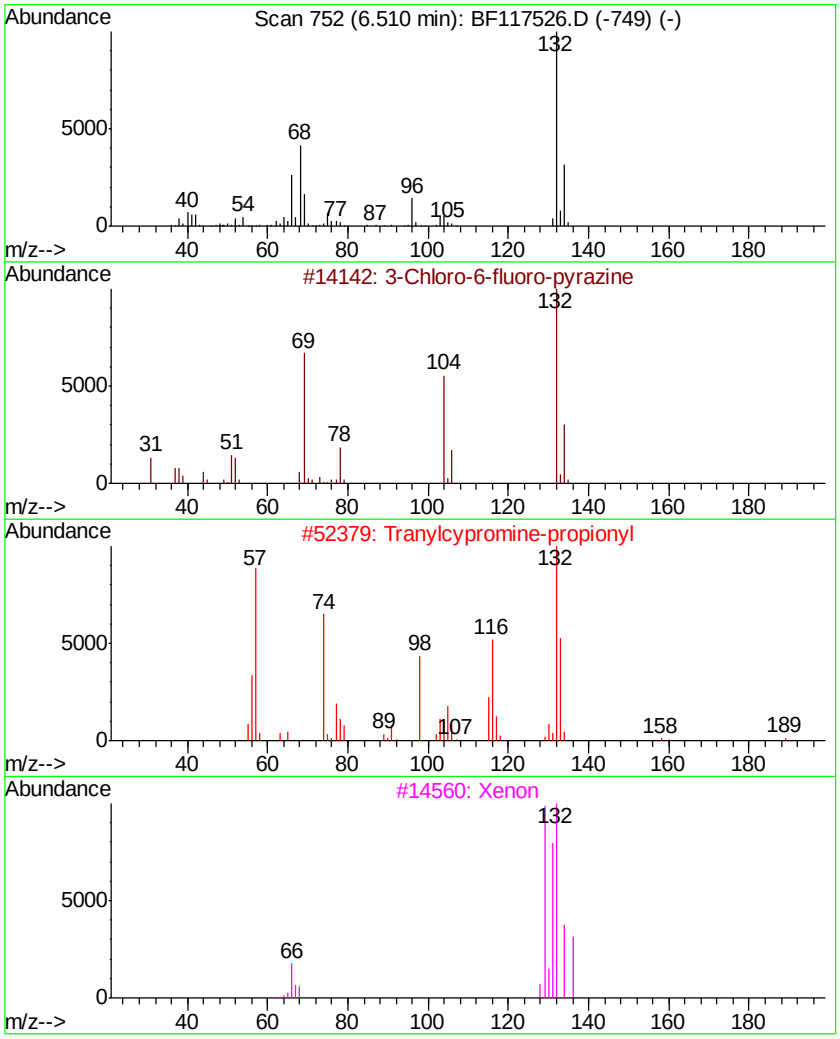
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

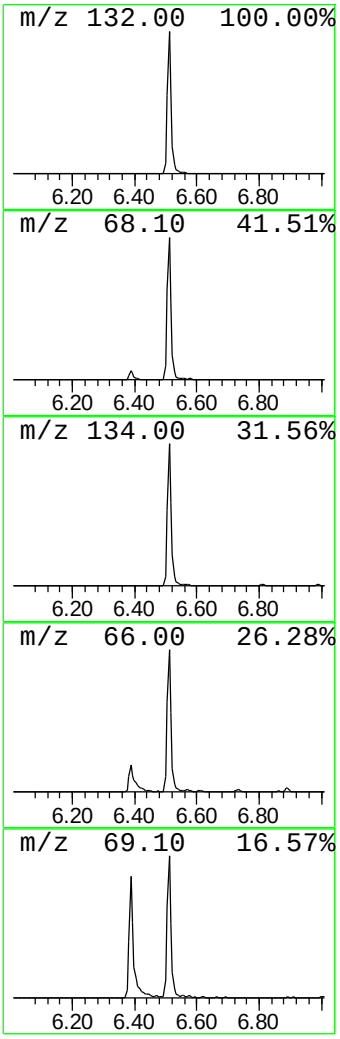
****

Peak Number 2 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	40.92 ng	642338	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Xenon	132	Xe	007440-63-3	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

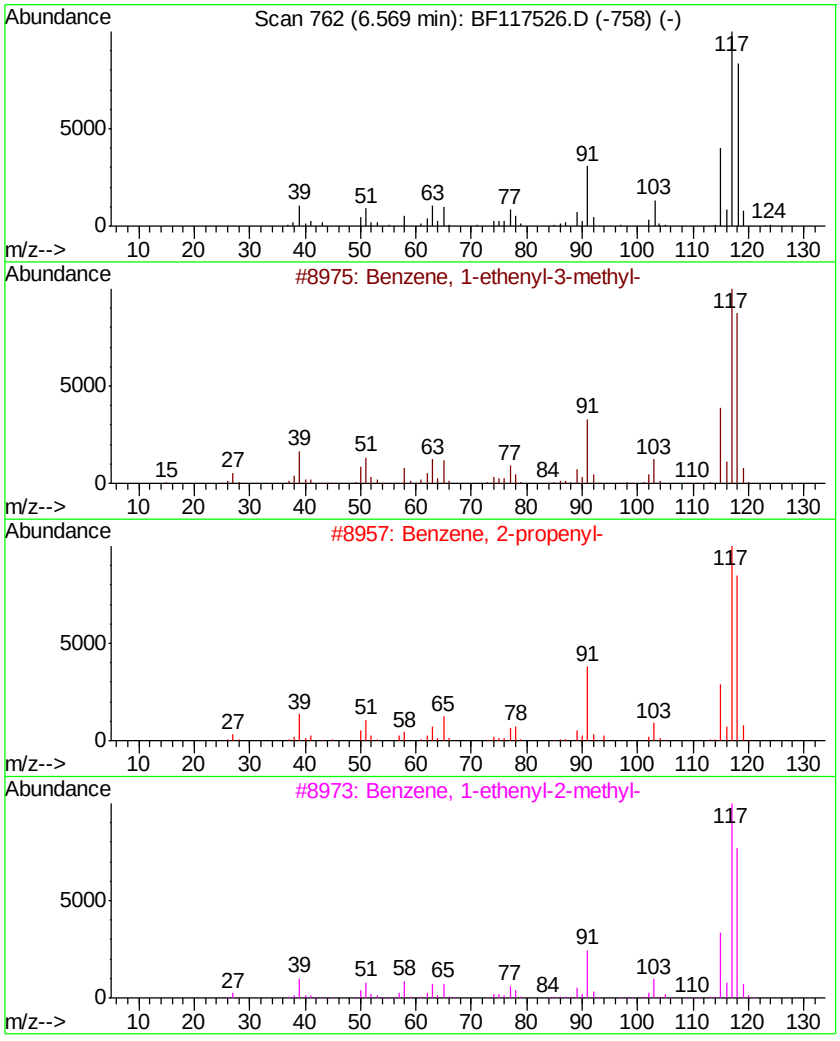
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

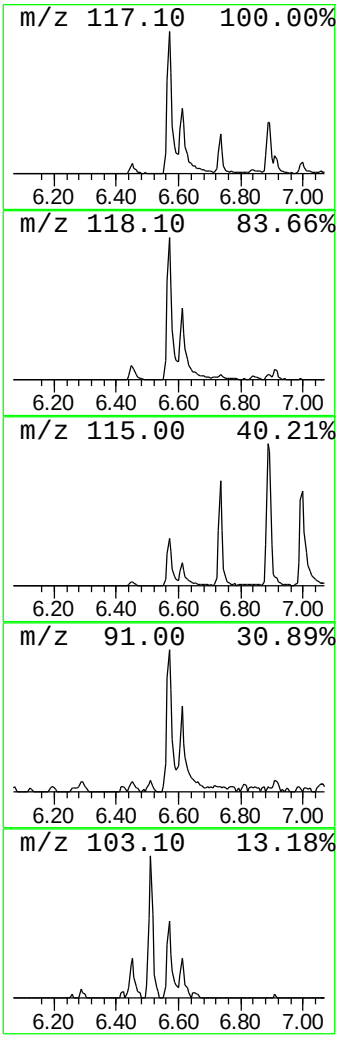
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	13.45 ng	211160	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	95
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

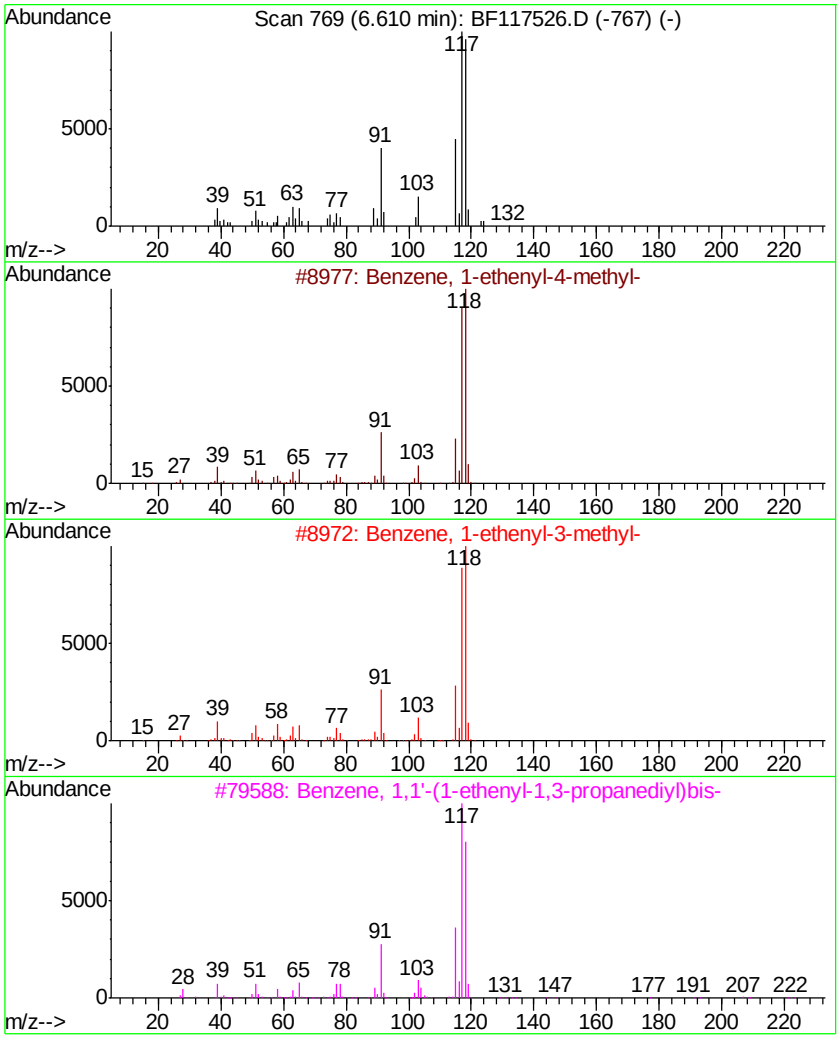
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

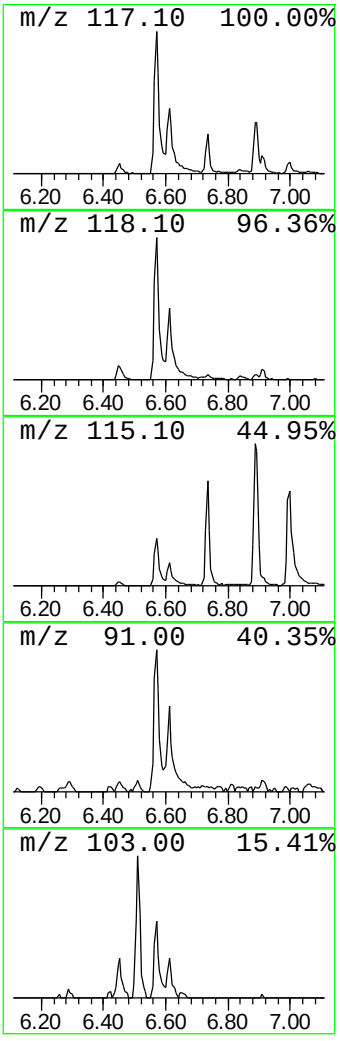
****

Peak Number 4 Benzene, 1-ethenyl-4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	5.88 ng	92248	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
2	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	83
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

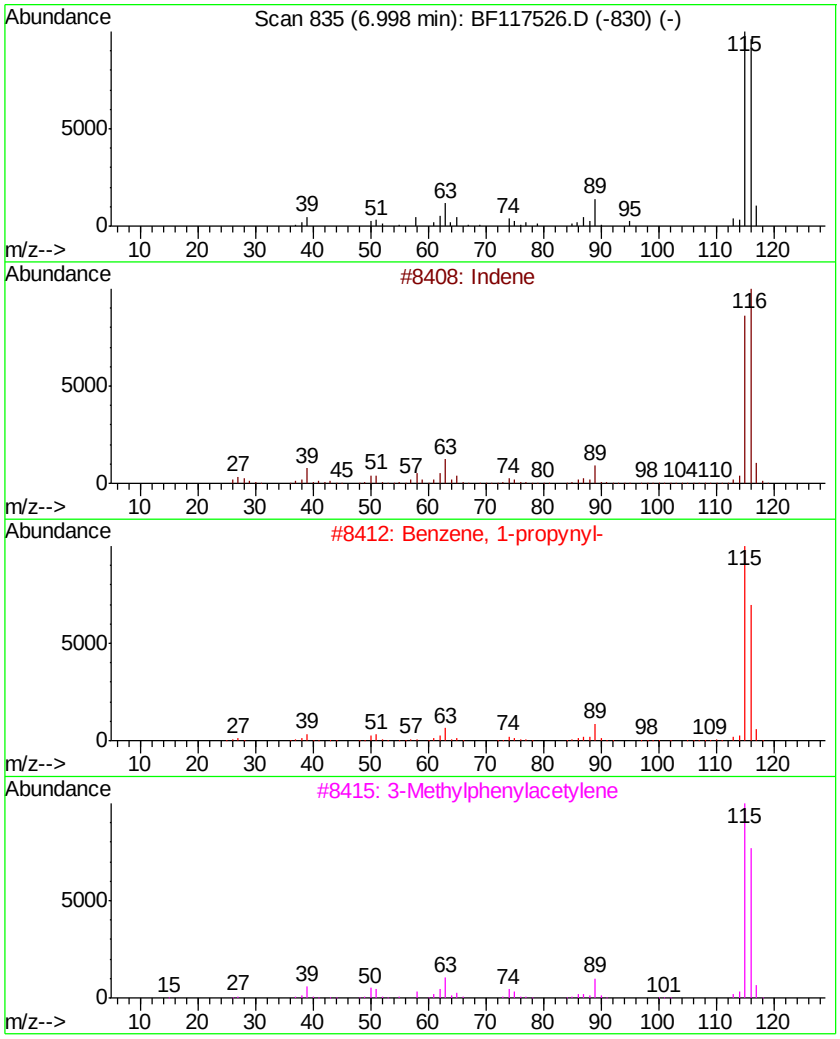
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

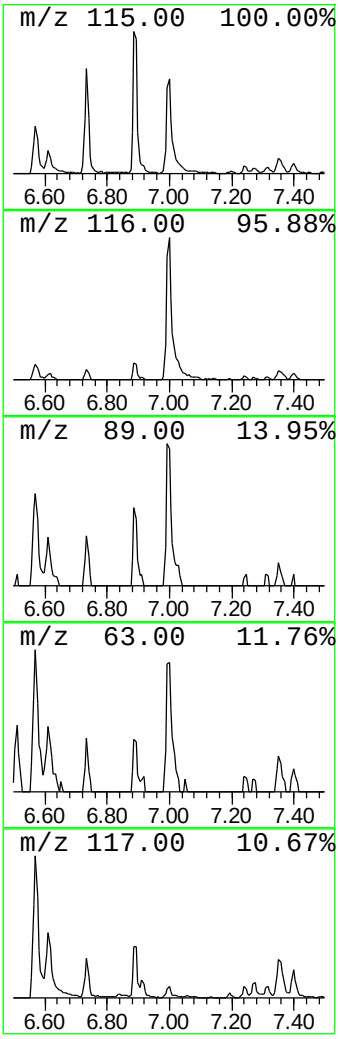
****

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	9.82 ng	154152	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	87
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

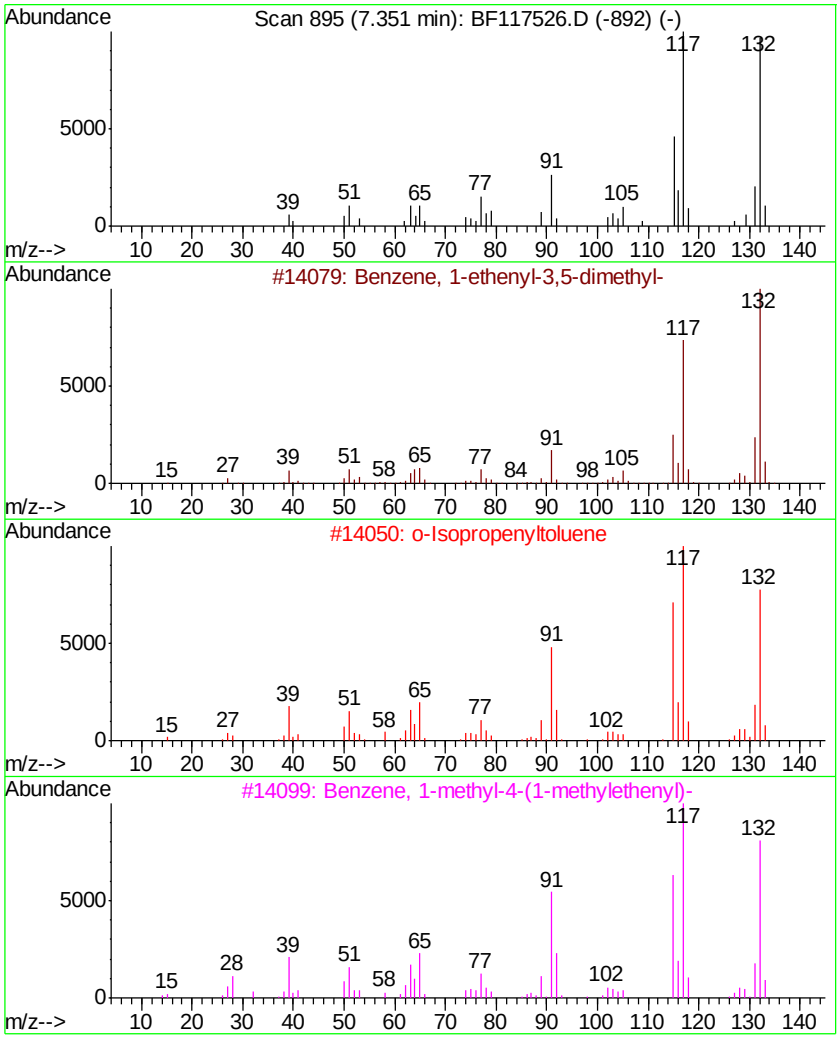
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

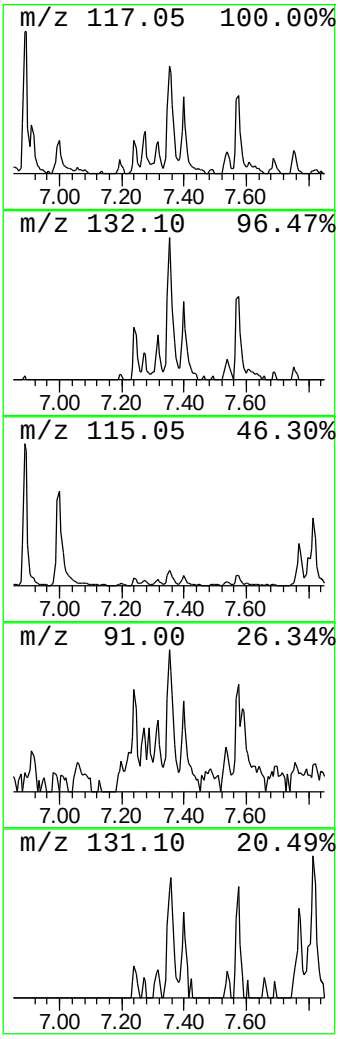
****

Peak Number 7 Benzene, 1-ethenyl-3,5-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	5.87 ng	92199	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
2	o-Isopropenyltoluene	132	C10H12	007399-49-7	94
3	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	94
4	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

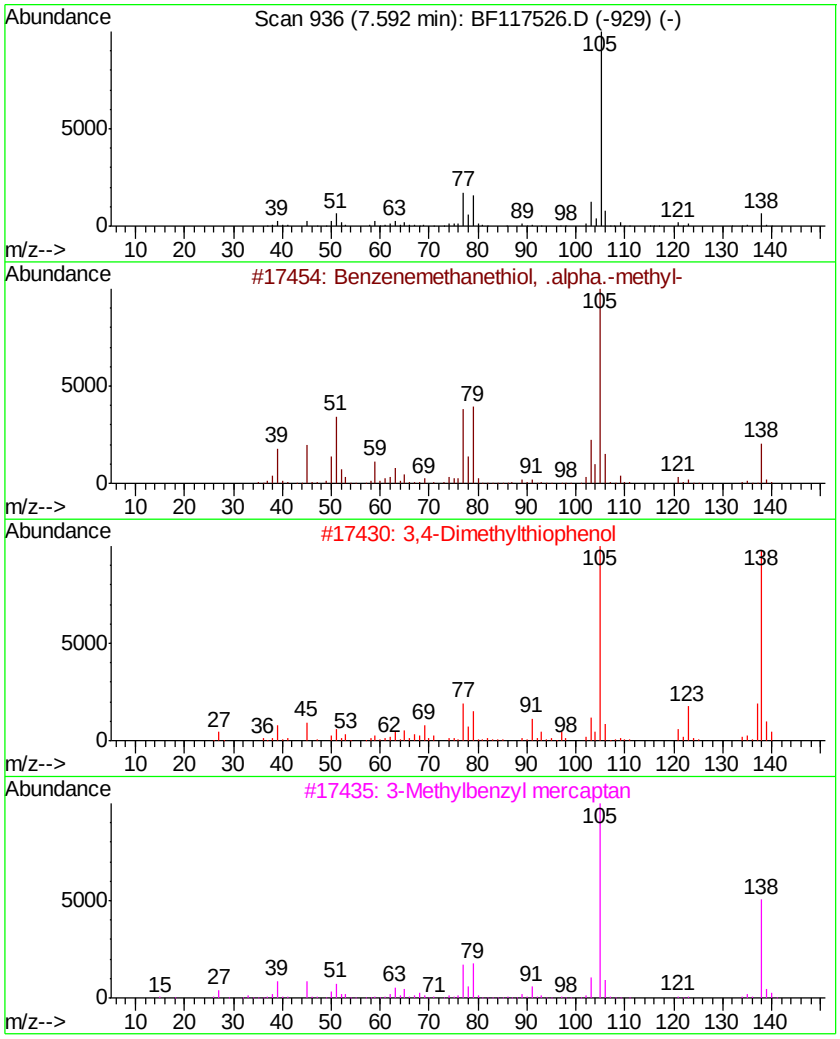
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

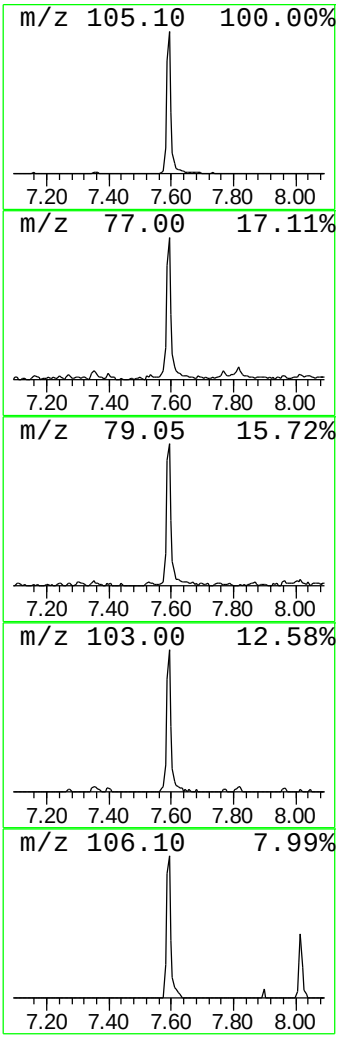
****

Peak Number 8 Benzenemethanethiol, .alpha... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	20.47 ng	425655	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	83
2	3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
3	3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	64
4	Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	64
5	3,5-Dimethylthiophenol	138	C8H10S	038360-81-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

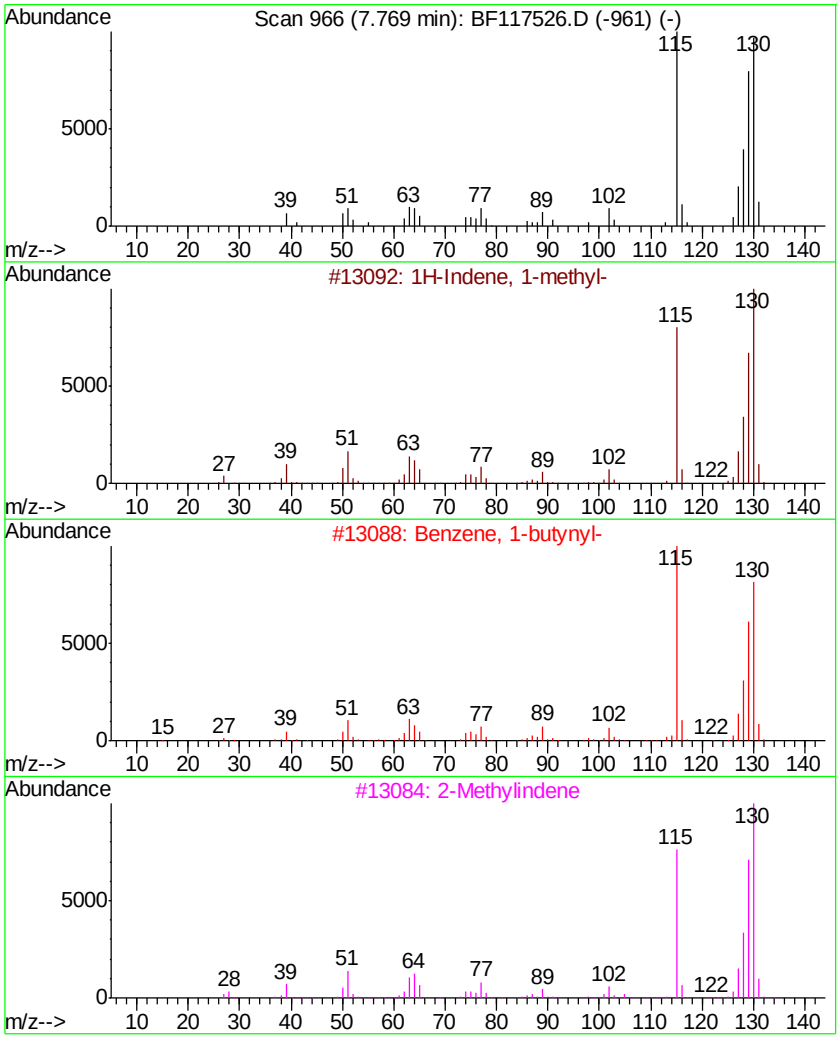
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

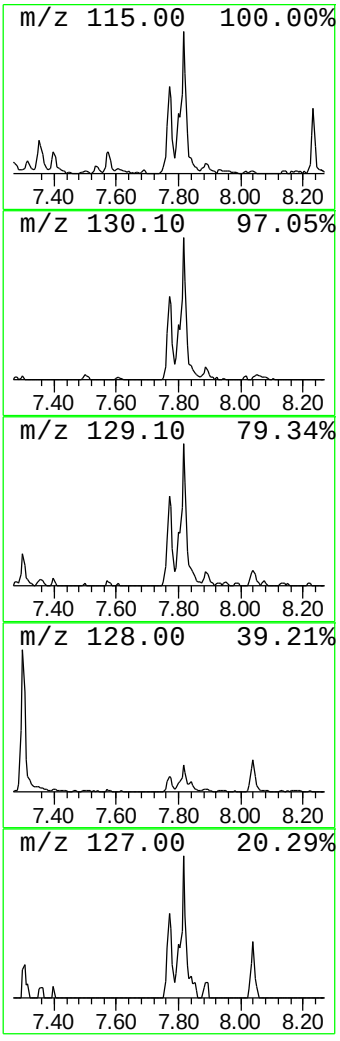
****

Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	4.41 ng	91633	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
3	2-Methylindene	130	C10H10	002177-47-1	94
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93
5	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

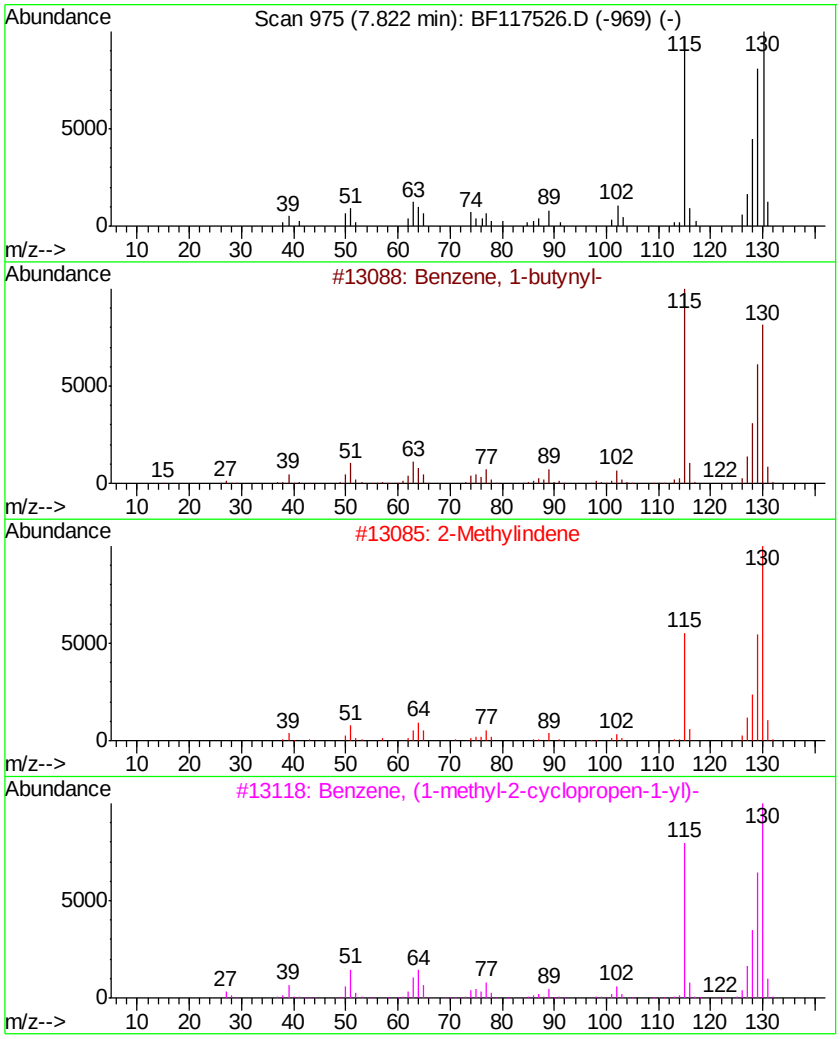
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

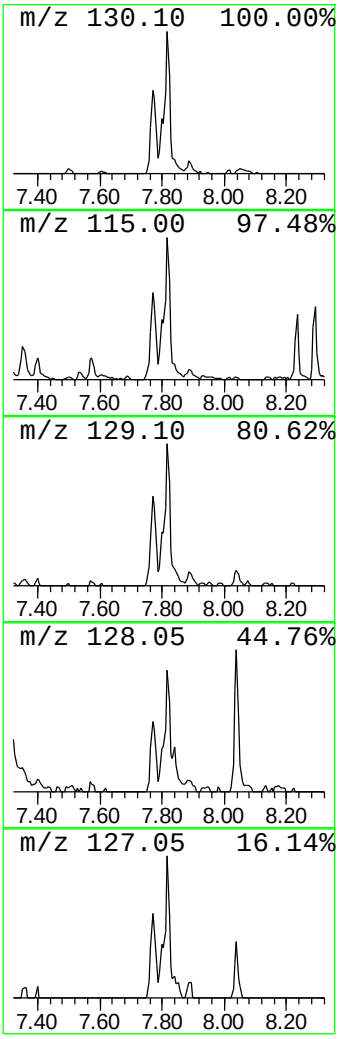
****

Peak Number 10 Benzene, 1-butynyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	8.48 ng	176289	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
2	2-Methylindene	130	C10H10	002177-47-1	93
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	91
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

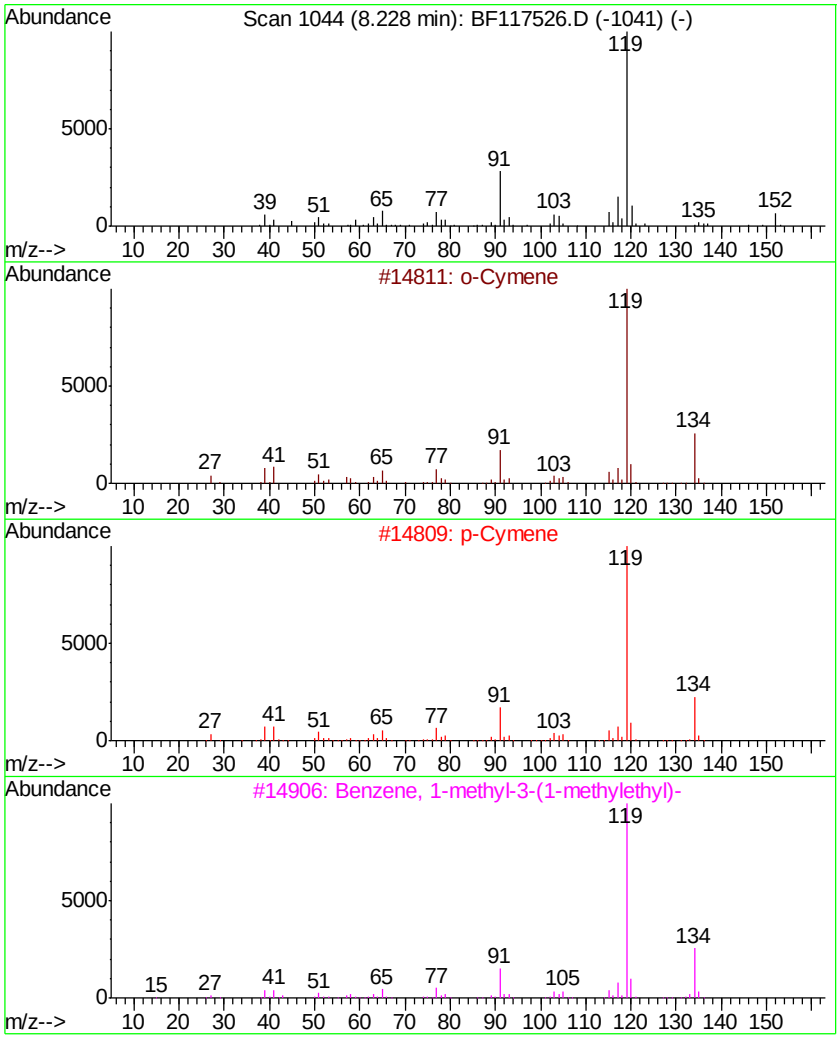
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

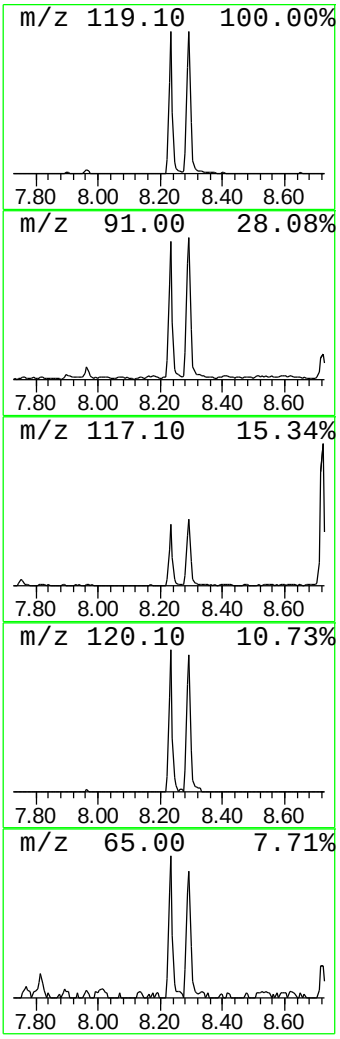
****

Peak Number 11 o-Cymene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	16.48 ng	342642	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	90
2	p-Cymene	134	C10H14	000099-87-6	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
4	2,4,6-Trimethylbenzenethiol	152	C9H12S	001541-10-2	72
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

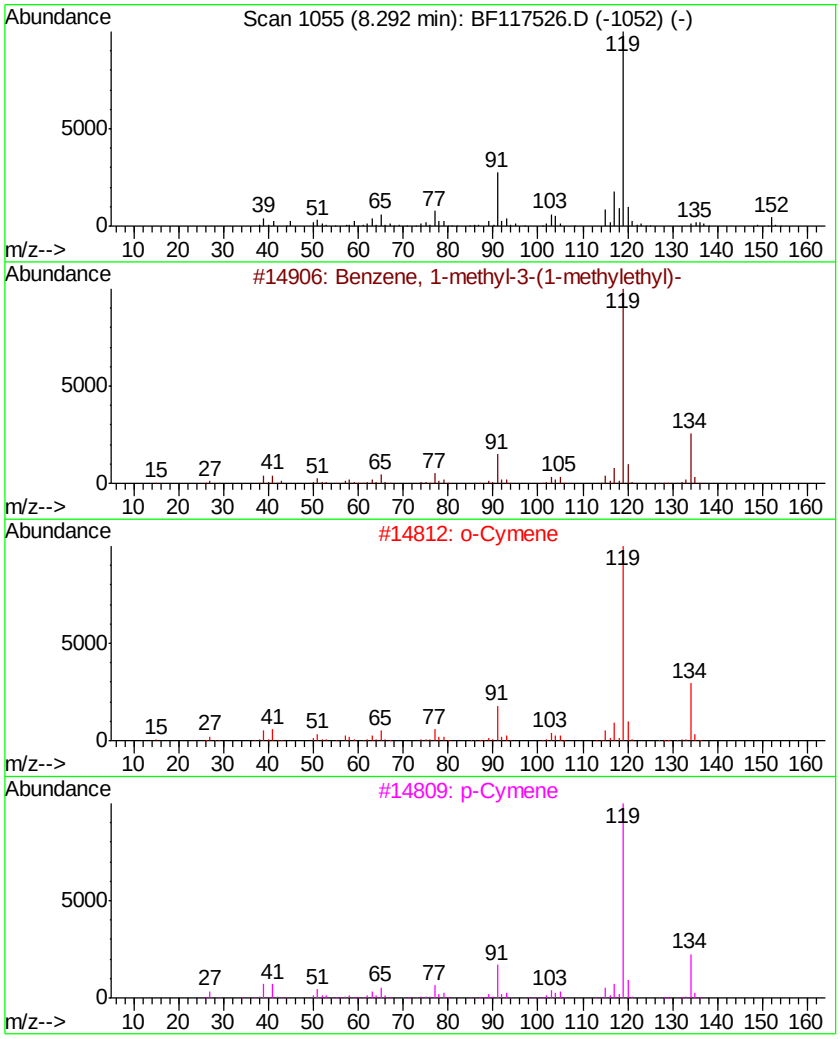
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

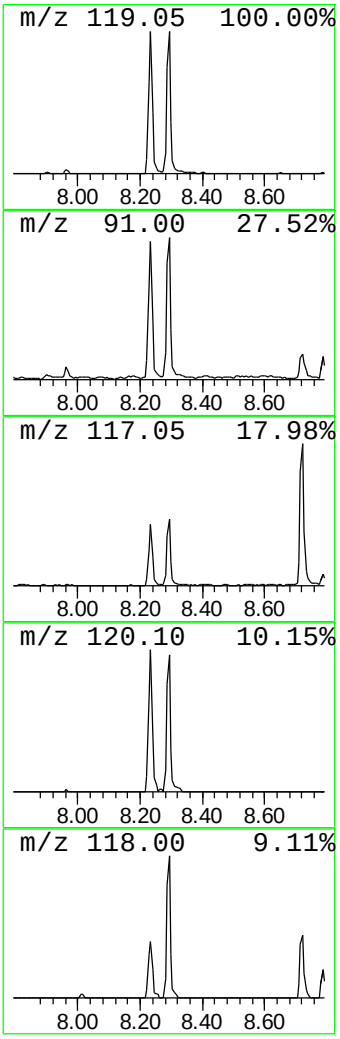
****

Peak Number 12 Benzene, 1-methyl-3-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	18.05 ng	375343	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	o-Cymene	134	C10H14	000527-84-4	81
3	p-Cymene	134	C10H14	000099-87-6	74
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	72
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

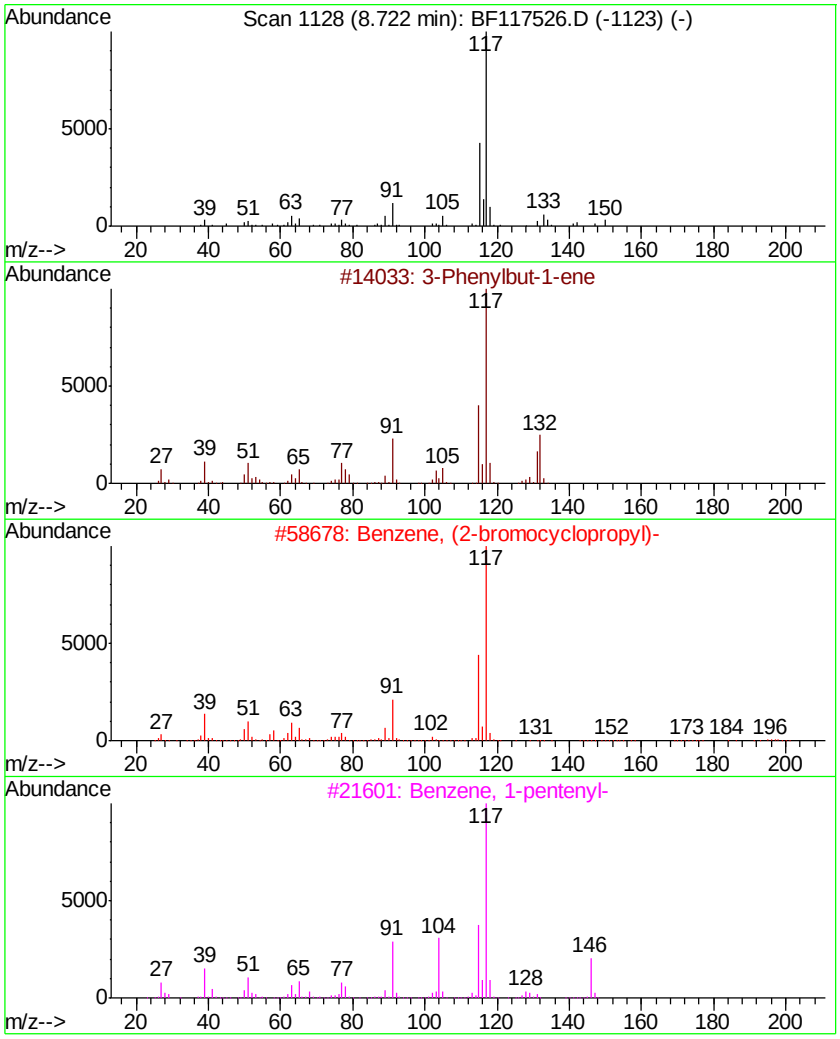
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

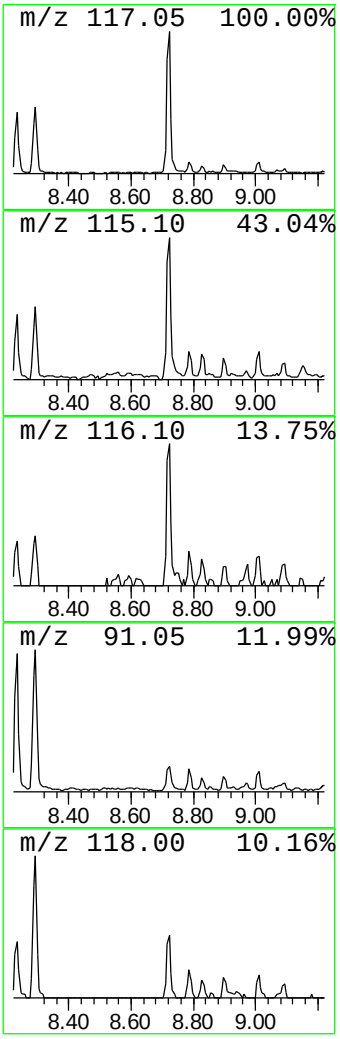
****

Peak Number 13 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	8.60 ng	178910	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	72
2	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	56
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	53
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

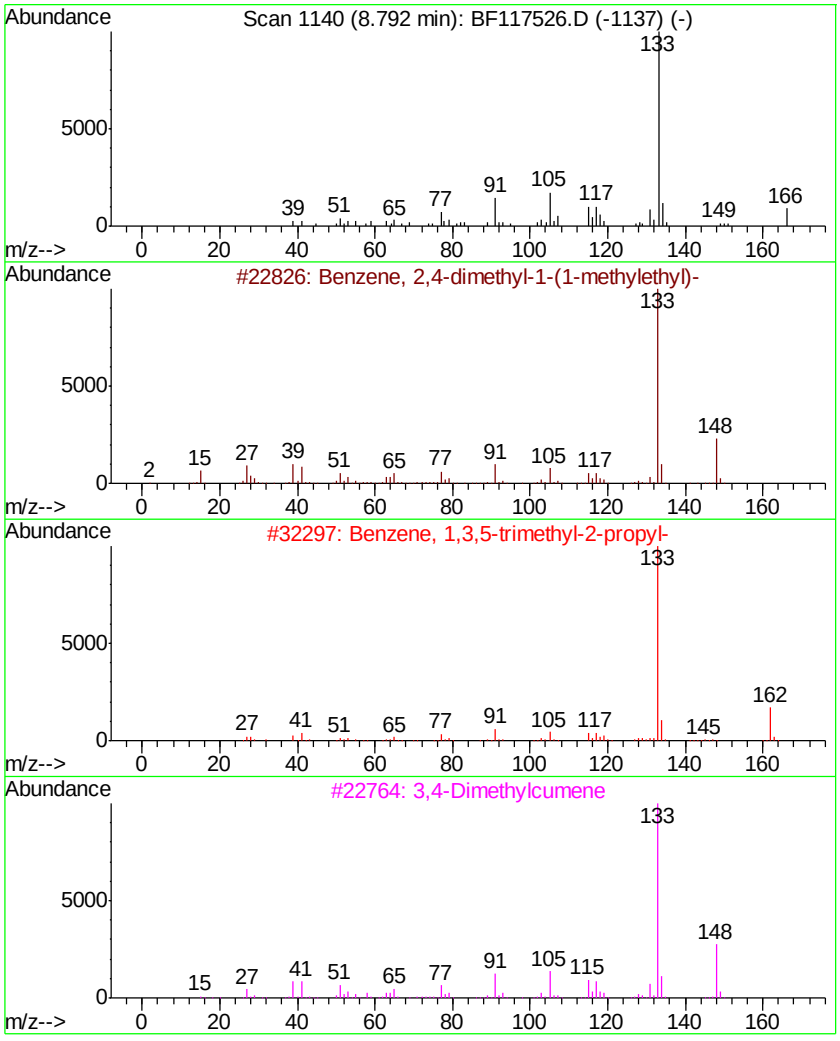
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

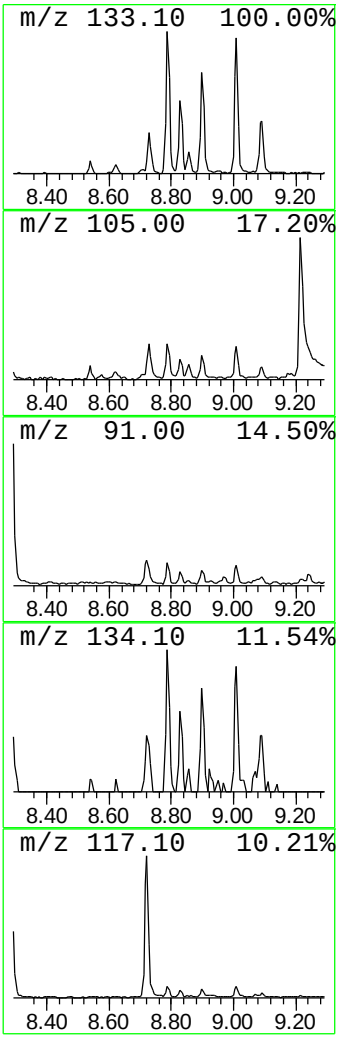
****

Peak Number 14 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.79	4.40 ng	91510	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	86
2	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	78
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	78
4	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64
5	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

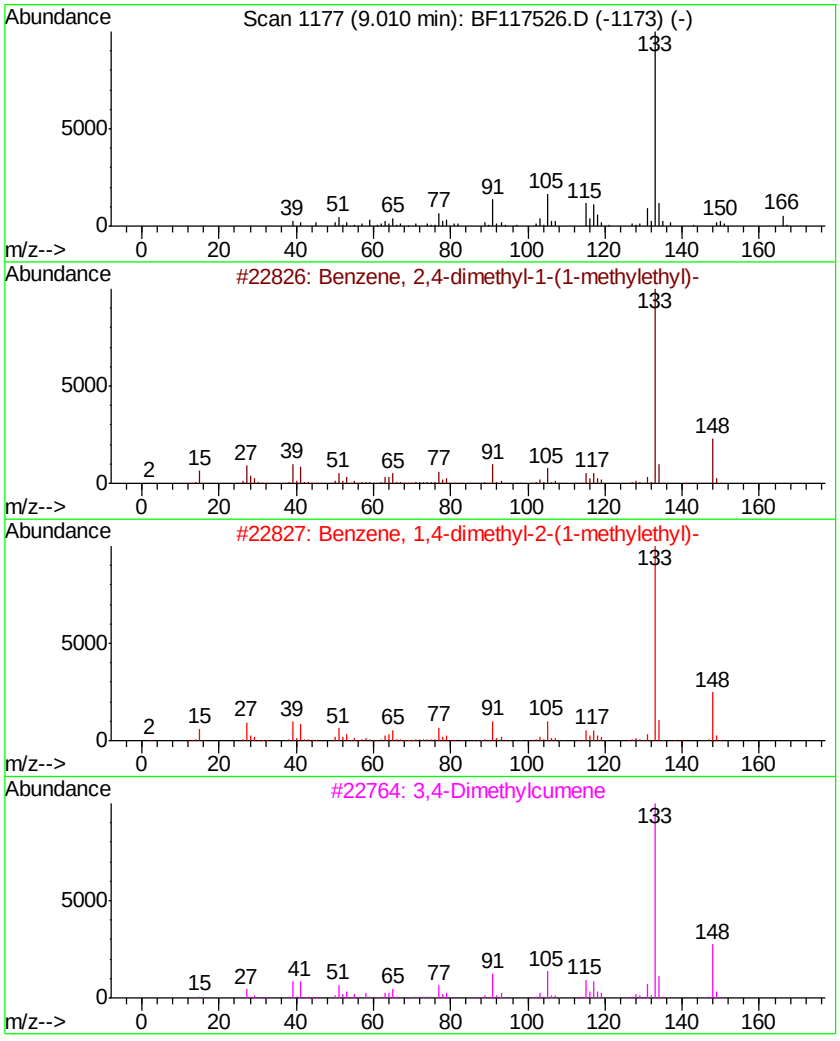
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

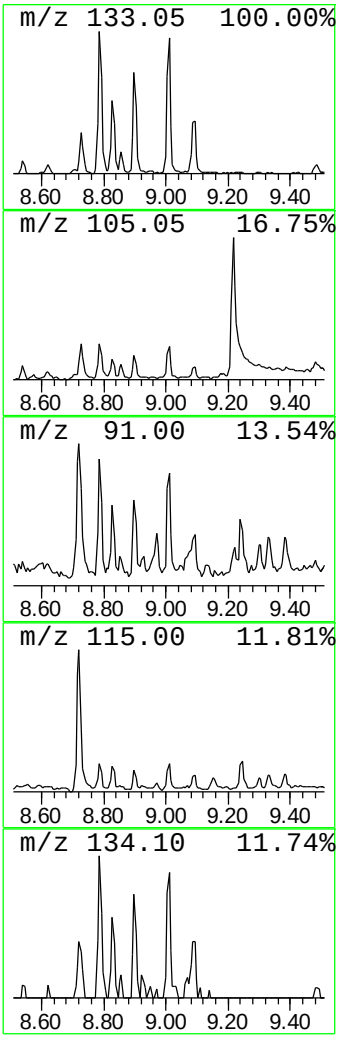
****

Peak Number 15 Benzene, 2,4-dimethyl-1-(1-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.01	3.97 ng	92120	Acenaphthene-d10	9.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	86
2	Benzene, 1,4-dimethyl-2-(1-methy...	148	C11H16	004132-72-3	78
3	3,4-Dimethylcumene	148	C11H16	1000370-34-1	78
4	2-tert-Butyltoluene	148	C11H16	001074-92-6	64
5	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

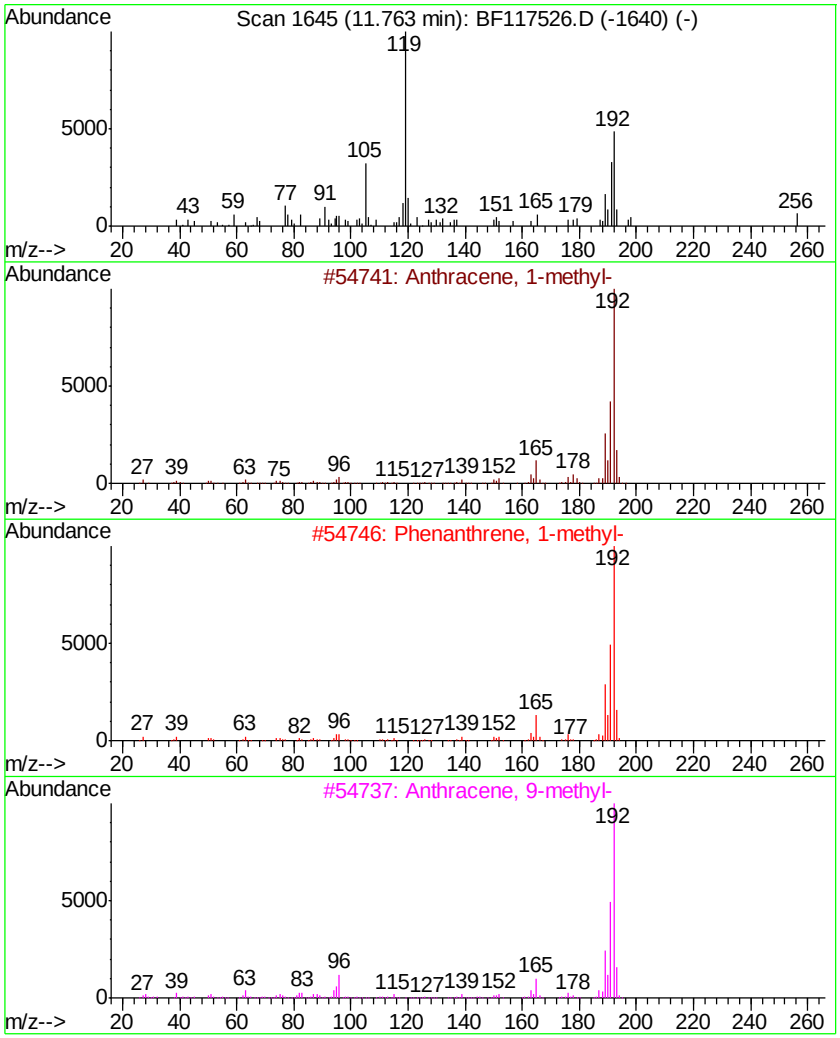
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

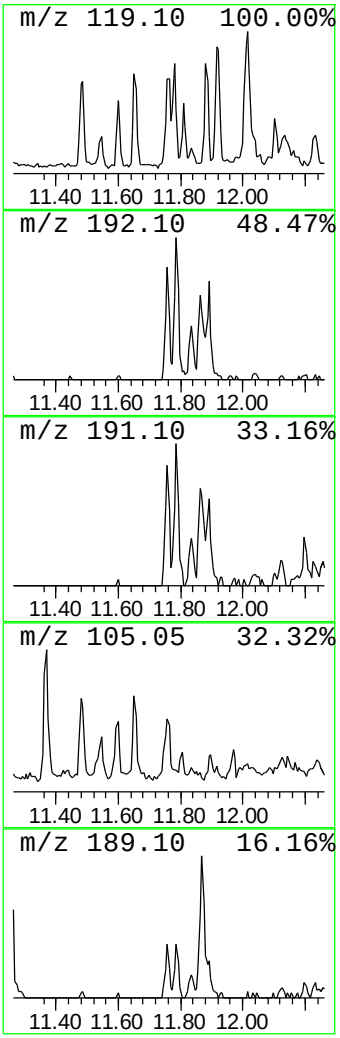
****

Peak Number 16 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	4.30 ng	80832	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

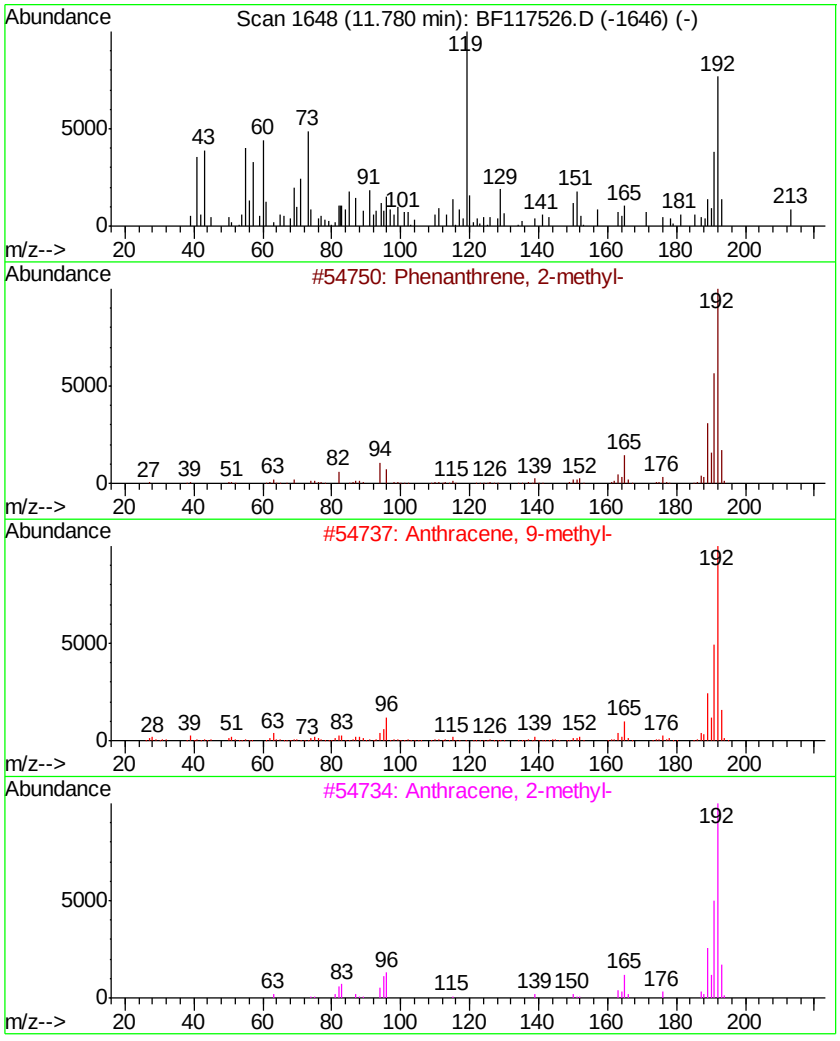
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

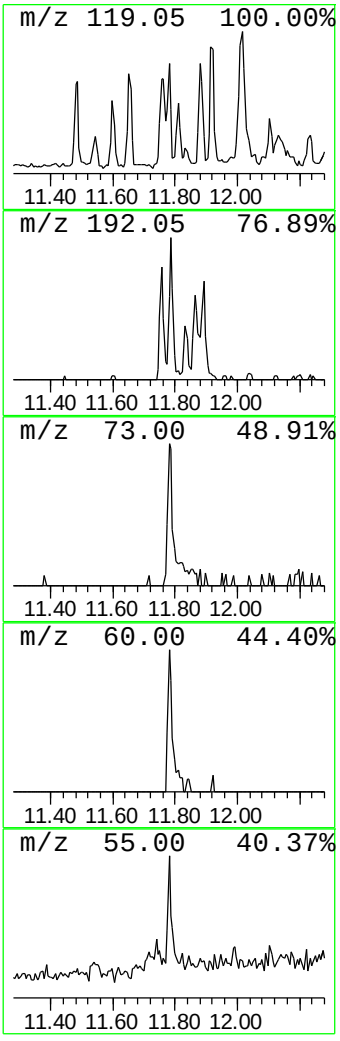
****

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	3.94 ng	74070	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	53
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

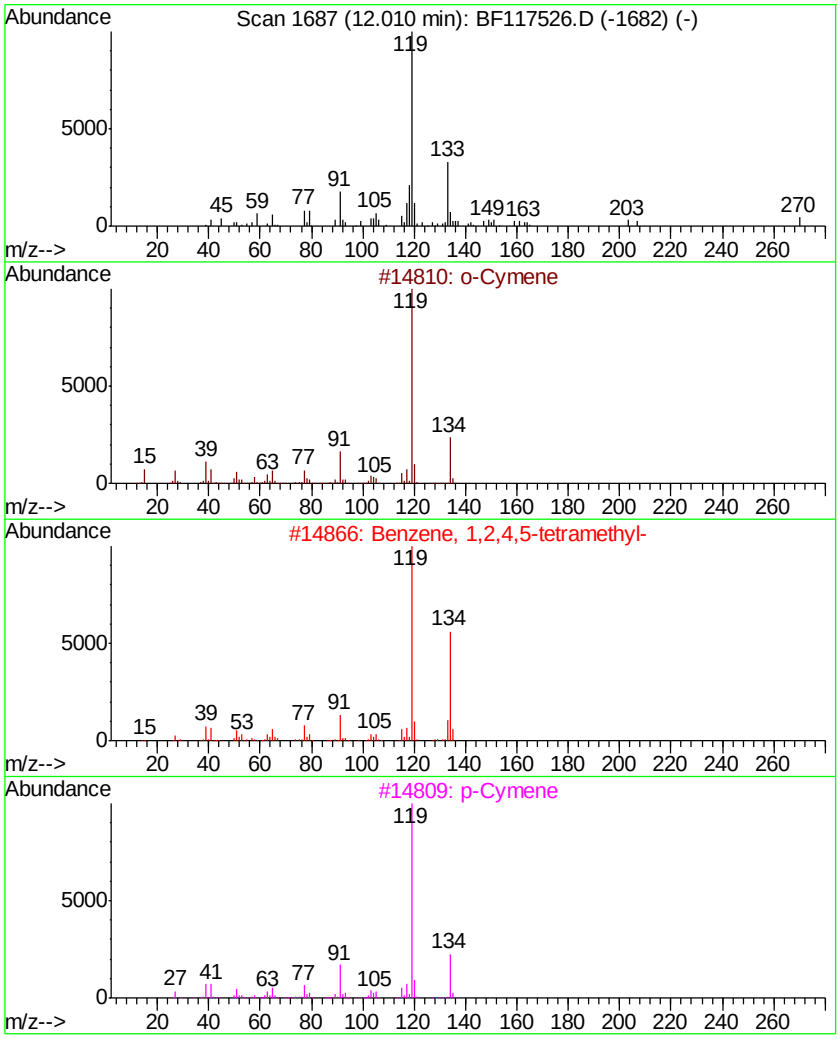
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

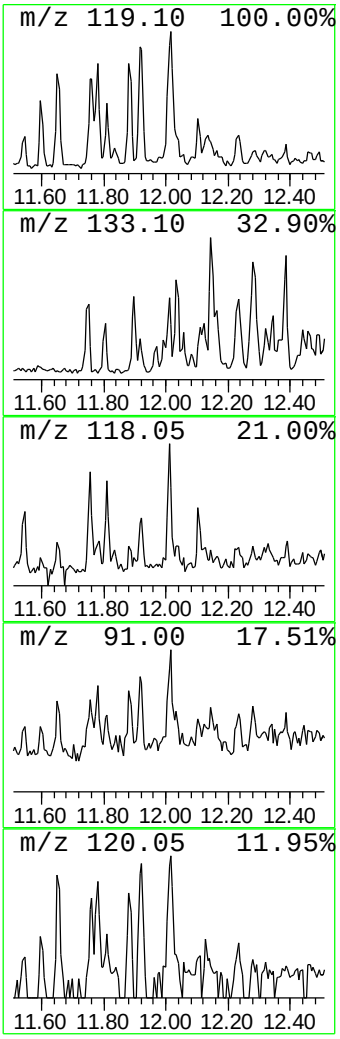
****

Peak Number 18 p-Cymene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	3.63 ng	68217	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	76
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	76
3	p-Cymene	134	C10H14	000099-87-6	76
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	76
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

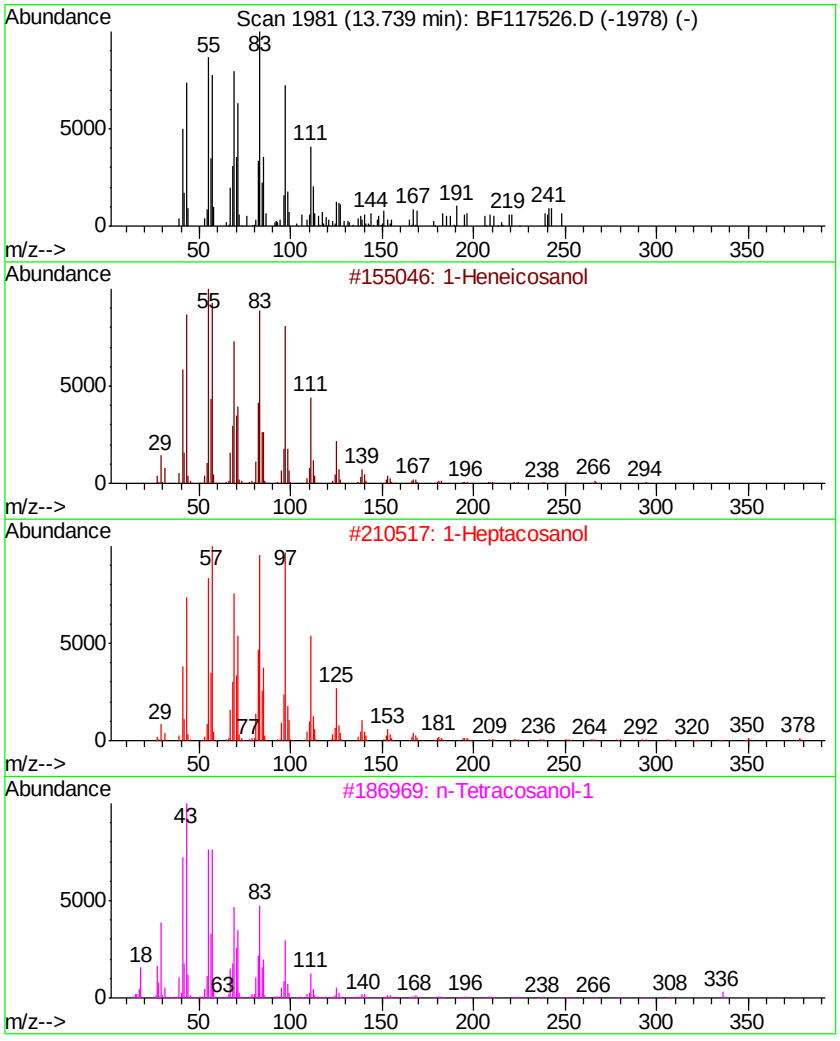
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

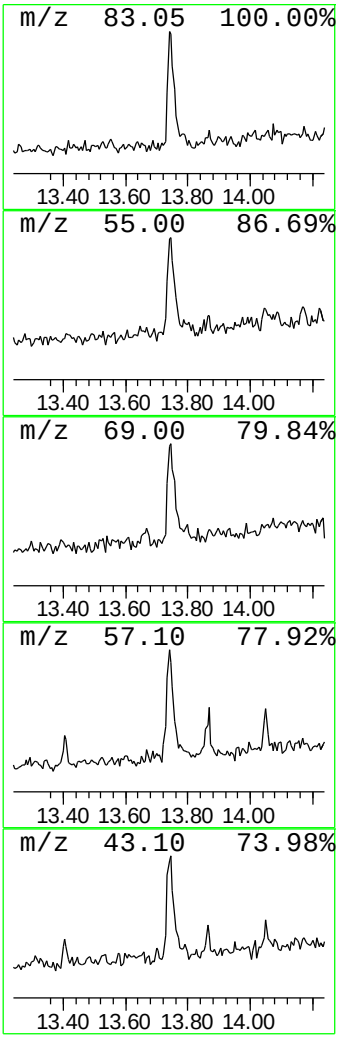
****

Peak Number 19 1-Heneicosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	4.93 ng	105818	Chrysene-d12	13.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	87
2	1-Heptacosanol	396	C27H56O	002004-39-9	87
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	74
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

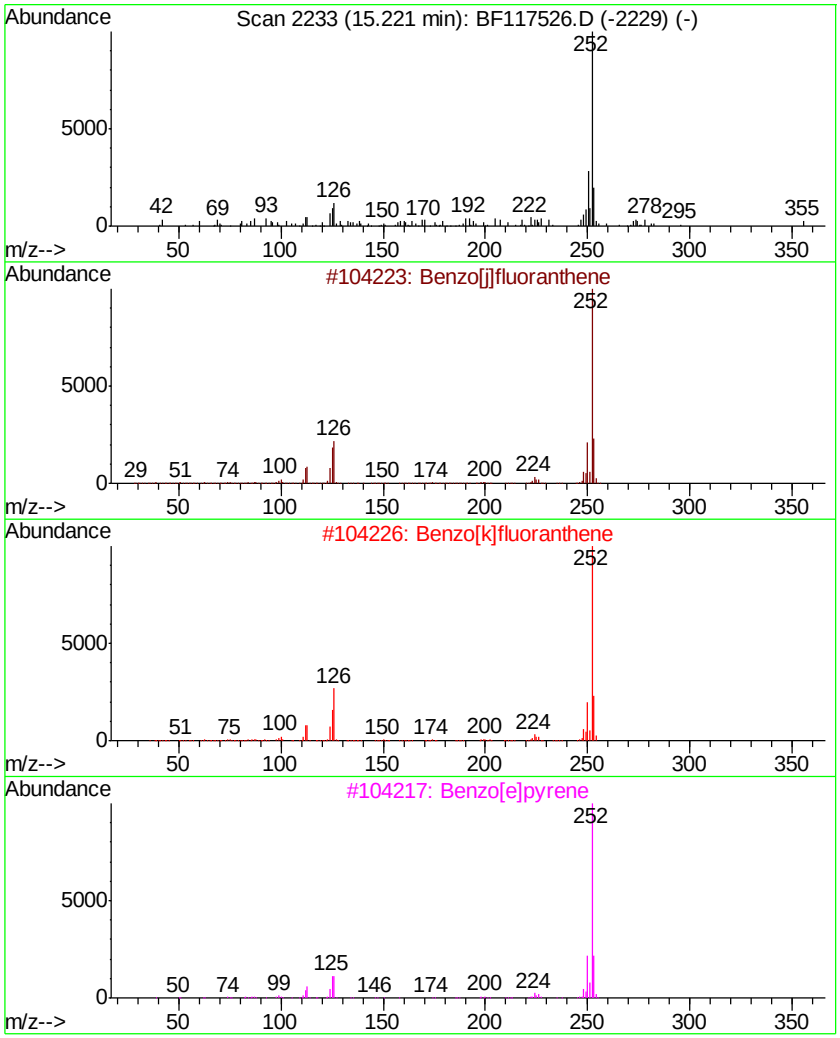
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

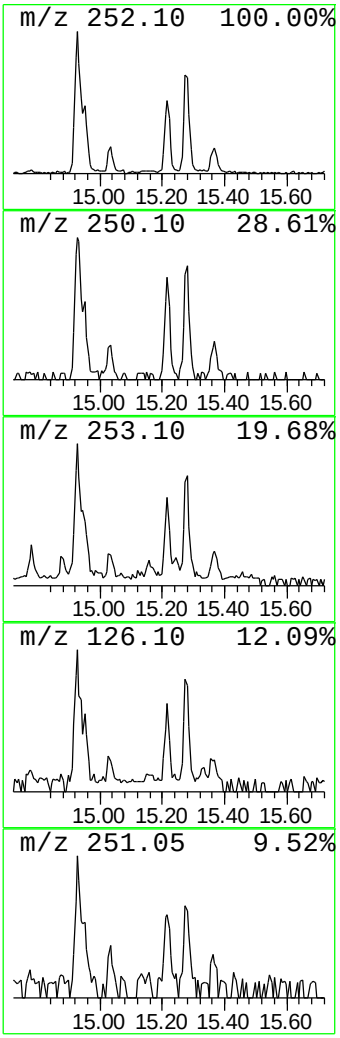
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	4.86 ng	49225	Perylene-d12	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	89
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102419\
Data File : BF117526.D
Acq On : 24 Oct 2019 22:26
Operator : JU
Sample : K5498-15 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 191-52-(0-1)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Styrene	5.56	7.8	ng	123024	1	6.73	313949	20.0
unknown6.51	6.51	40.9	ng	642338	1	6.73	313949	20.0
Benzene, 1-etheny...	6.57	13.4	ng	211160	1	6.73	313949	20.0
Benzene, 1-etheny...	6.61	5.9	ng	92248	1	6.73	313949	20.0
Indene	7.00	9.8	ng	154152	1	6.73	313949	20.0
Benzene, 1-etheny...	7.35	5.9	ng	92199	1	6.73	313949	20.0
Benzenemethanethi...	7.59	20.5	ng	425655	2	8.02	415886	20.0
1H-Indene, 1-methyl-	7.77	4.4	ng	91633	2	8.02	415886	20.0
Benzene, 1-butynyl-	7.82	8.5	ng	176289	2	8.02	415886	20.0
o-Cymene	8.23	16.5	ng	342642	2	8.02	415886	20.0
Benzene, 1-methyl...	8.29	18.1	ng	375343	2	8.02	415886	20.0
3-Phenylbut-1-ene	8.72	8.6	ng	178910	2	8.02	415886	20.0
Benzene, 1,3,5-tr...	8.79	4.4	ng	91510	2	8.02	415886	20.0
Benzene, 2,4-dime...	9.01	4.0	ng	92120	3	9.77	463844	20.0
Anthracene, 1-met...	11.76	4.3	ng	80832	4	11.26	376250	20.0
Phenanthrene, 2-m...	11.78	3.9	ng	74070	4	11.26	376250	20.0
p-Cymene	12.01	3.6	ng	68217	4	11.26	376250	20.0
1-Heneicosanol	13.74	4.9	ng	105818	5	13.90	429027	20.0
Benzo[e]pyrene	15.22	4.9	ng	49225	6	15.33	202710	20.0