LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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-BF022020.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	5.375	556	559	570	rVB	648508	665252	2.86%	0.193%
2	6.392	729	732	743	rVV	700197	780047	3.35%	0.227%
3	6.751	789	793	800	rBV	1241275	1071012	4.60%	0.311%
4	6.910	816	820	823	rBV	711786	663032	2.85%	0.193%
5	7.016	834	838	846	rBV	730935	849983	3.65%	0.247%
6	8.033	1006	1011	1013	rVV	1403292	1668817	7.17%	0.485%
7	8.063	1013	1016	1019	rVV	4607839	4282530	18.39%	1.244%
8	8.751	1127	1133	1136	rBV	2435234	2181955	9.37%	0.634%
9	8.845	1145	1149	1153	rVB	1774714	1518121	6.52%	0.441%
10	9.110	1190	1194	1197	rVB	1009923	927746	3.98%	0.269%
11	9.210	1204	1211	1215	rBV2	771361	945747	4.06%	0.275%
12	9.369	1234	1238	1242	rBV	798174	1122154	4.82%	0.326%
13	9.445	1247	1251	1254	rVV	1326420	1399645	6.01%	0.406%
14	9.475	1254	1256	1259	rVV	866715	704572	3.03%	0.205%
15	9.516	1259	1263	1266	rVV	1118320	1114655	4.79%	0.324%
16	9.563	1268	1271	1278	rBV	600251	724066	3.11%	0.210%
17	9.657	1281	1287	1290	rBV	6540907	7973195	34.24%	2.315%
18	9.786	1307	1309	1312	rVV	1613462	1226552	5.27%	0.356%
19	9.822	1312	1315	1318	rVB2	888486	837816	3.60%	0.243%
20	9.992	1340	1344	1348	rVV	2889208	2604337	11.18%	0.756%
21	10.098	1359	1362	1366	rBV2	637326	857405	3.68%	0.249%
22	10.239	1384	1386	1389	rVB	1093055	810443	3.48%	0.235%
23	10.339	1399	1403	1409	rVB	4119158	4352464	18.69%	1.264%
24	10.445	1418	1421	1425	rVV	694777	793257	3.41%	0.230%
25	10.492	1425	1429	1431	rVV	1307247	1174675	5.04%	0.341%
26	10.574	1437	1443	1447	rBV2	1606060	2039663	8.76%	0.592%
27	10.698	1461	1464	1470	rBV2	1311242	1568932	6.74%	0.456%
28	10.880	1491	1495	1498	rVV2	1114605	1463122	6.28%	0.425%
29	11.033	1519	1521	1526	rVV	960866	1193991	5.13%	0.347%
30	11.086	1526	1530	1533	rVV	1363849	1616204	6.94%	0.469%
31	11.121	1533	1536	1538	rVV	679815	785383	3.37%	0.228%
32	11.145	1538	1540	1542	rVV	694280	716178	3.08%	0.208%
33	11.169	1542	1544	1551	rVB	1993658	1996895	8.57%	0.580%
34	11.321	1558	1570	1572	rBV	9078221	16035722	68.86%	4.657%

LSC Area Percent Report

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Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.363	1572	1577	1580	rVV	6091248	7364858	31.62%	2.139%
36	11.386	1580	1581	1584	rVB	1019456	640005	2.75%	0.186%
37	11.504	1598	1601	1604	rBV	1162055	1082082	4.65%	0.314%
38	11.568	1609	1612	1615	rVV	1624403	1515049	6.51%	0.440%
39	11.604	1615	1618	1623	rVB3	1046004	1254772	5.39%	0.364%
40	11.692	1629	1633	1637	rVB2	811728	1029922	4.42%	0.299%
41	11.780	1644	1648	1650	rVV	2744890	2827770	12.14%	0.821%
42	11.810	1650	1653	1656	rVV	3702429	3351077	14.39%	0.973%
43	11.857	1657	1661	1664	rVV	1714495	1757167	7.55%	0.510%
44	11.898	1664	1668	1675	rVB2	4789920	7730898	33.20%	2.245%
45	11.974	1679	1681	1685	rVB2	795862	763524	3.28%	0.222%
46	12.068	1694	1697	1700	rVV	2245991	2272503	9.76%	0.660%
47	12.110	1700	1704	1708	rVB3	1237019	1528378	6.56%	0.444%
48	12.251	1725	1728	1731	rBV	700926	751048	3.23%	0.218%
49	12.333	1737	1742	1744	rBV	1913871	2557741	10.98%	0.743%
50	12.368	1745	1748	1750	rVV2	1445552	1964726	8.44%	0.571%
51	12.439	1754	1760	1764	rVB2	1537203	3020409	12.97%	0.877%
52	12.527	1764	1775	1777	rBV	9363643	20329122	87.29%	5.904%
53	12.598	1783	1787	1792	rVB	4207381	4301879	18.47%	1.249%
54	12.651	1792	1796	1798	rBV	1532989	1930917	8.29%	0.561%
55	12.757	1805	1814	1816	rBV2	8764575	20031706	86.02%	5.817%
56	12.780	1816	1818	1822	rVB3	1686227	1626862	6.99%	0.472%
57	12.845	1825	1829	1834	rBV2	2128765	2999676	12.88%	0.871%
58	12.886	1834	1836	1840	rVB	1326389	1371347	5.89%	0.398%
59	12.951	1840	1847	1853	rBV3	2549403	5112796	21.95%	1.485%
60	13.063	1857	1866	1868	rVB	4305068	8203594	35.23%	2.382%
61	13.127	1873	1877	1879	rVV2	3204885	3488145	14.98%	1.013%
62	13.163	1879	1883	1890	rVB2	3204793	4409406	18.93%	1.280%
63	13.239	1890	1896	1897	rBV3	1627132	2849888	12.24%	0.828%
64	13.257	1897	1899	1901	rVV	2114949	2002619	8.60%	0.582%
65	13.286	1901	1904	1907	rVV	2450785	2402287	10.32%	0.698%
66	13.451	1925	1932	1934	rBV5	1223979	2231085	9.58%	0.648%
67	13.568	1949	1952	1955	rVB	1903912	2160223	9.28%	0.627%
68	13.674	1966	1970	1972	rBV2	2113546	3004252	12.90%	0.872%
69	13.704	1972	1975	1977	rVV	2462942	2935270	12.60%	0.852%
70	13.733	1977	1980	1985	rVV3	2921278	4359019	18.72%	1.266%
71	13.792	1985	1990	1993	rVB2	1525450	2540696	10.91%	0.738%

LSC Area Percent Report

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Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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-BF022020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.939	2007	2015	2018	rBV3	7450913	19755580	84.83%	5.737%
73	14.045	2031	2033	2036	rBV2	1029261	939160	4.03%	0.273%
74	14.086	2036	2040	2044	rBV3	1955503	2745949	11.79%	0.797%
75	14.151	2049	2051	2055	rBV2	1572275	2015660	8.66%	0.585%
76	14.280	2070	2073	2074	rBV	747887	801872	3.44%	0.233%
77	14.321	2074	2080	2082	rVV	2715881	3745314	16.08%	1.088%
78	14.351	2082	2085	2088	rVB2	1773779	1602442	6.88%	0.465%
79	14.392	2088	2092	2094	rBV2	927198	1311854	5.63%	0.381%
80	14.415	2094	2096	2098	rVB	892605	682460	2.93%	0.198%
81	14.445	2098	2101	2103	rBV	1822745	1932806	8.30%	0.561%
82	14.504	2108	2111	2114	rVV2	1436133	1512501	6.49%	0.439%
83	14.557	2118	2120	2126	rVB2	596710	684556	2.94%	0.199%
84	14.645	2129	2135	2140	rVB4	716855	1774195	7.62%	0.515%
85	14.804	2158	2162	2168	rBV3	1134371	2308903	9.91%	0.671%
86	14.998	2183	2195	2200	rBV	7002391	23288092	100.00%	6.763%
87	15.086	2204	2210	2218	rVB	3469025	5921133	25.43%	1.719%
88	15.156	2218	2222	2226	rBV2	768026	1463171	6.28%	0.425%
89	15.274	2235	2242	2247	rBV	4010577	9428861	40.49%	2.738%
90	15.356	2247	2256	2259	rVV2	6360488	14459482	62.09%	4.199%
91	15.427	2263	2268	2274	rVB2	3205931	5139650	22.07%	1.493%
92	15.551	2285	2289	2292	rBV	853464	1435351	6.16%	0.417%
93	15.727	2316	2319	2324	rVB2	691330	953914	4.10%	0.277%
94	15.927	2349	2353	2361	rVB2	1179508	2057947	8.84%	0.598%
95	16.851	2495	2510	2513	rBV2	3216562	11393065	48.92%	3.309%
96	16.968	2524	2530	2535	rBV	1187962	2793039	11.99%	0.811%
97	17.033	2536	2541	2551	rVB2	834588	2193551	9.42%	0.637%
98	17.286	2570	2584	2593	rVB	2580963	9322511	40.03%	2.707%
99	17.498	2613	2620	2629	rVB2	1362478	3620125	15.54%	1.051%
100	17.598	2633	2637	2644	rVB2	358507	701310	3.01%	0.204%

Sum of corrected areas: 344352740

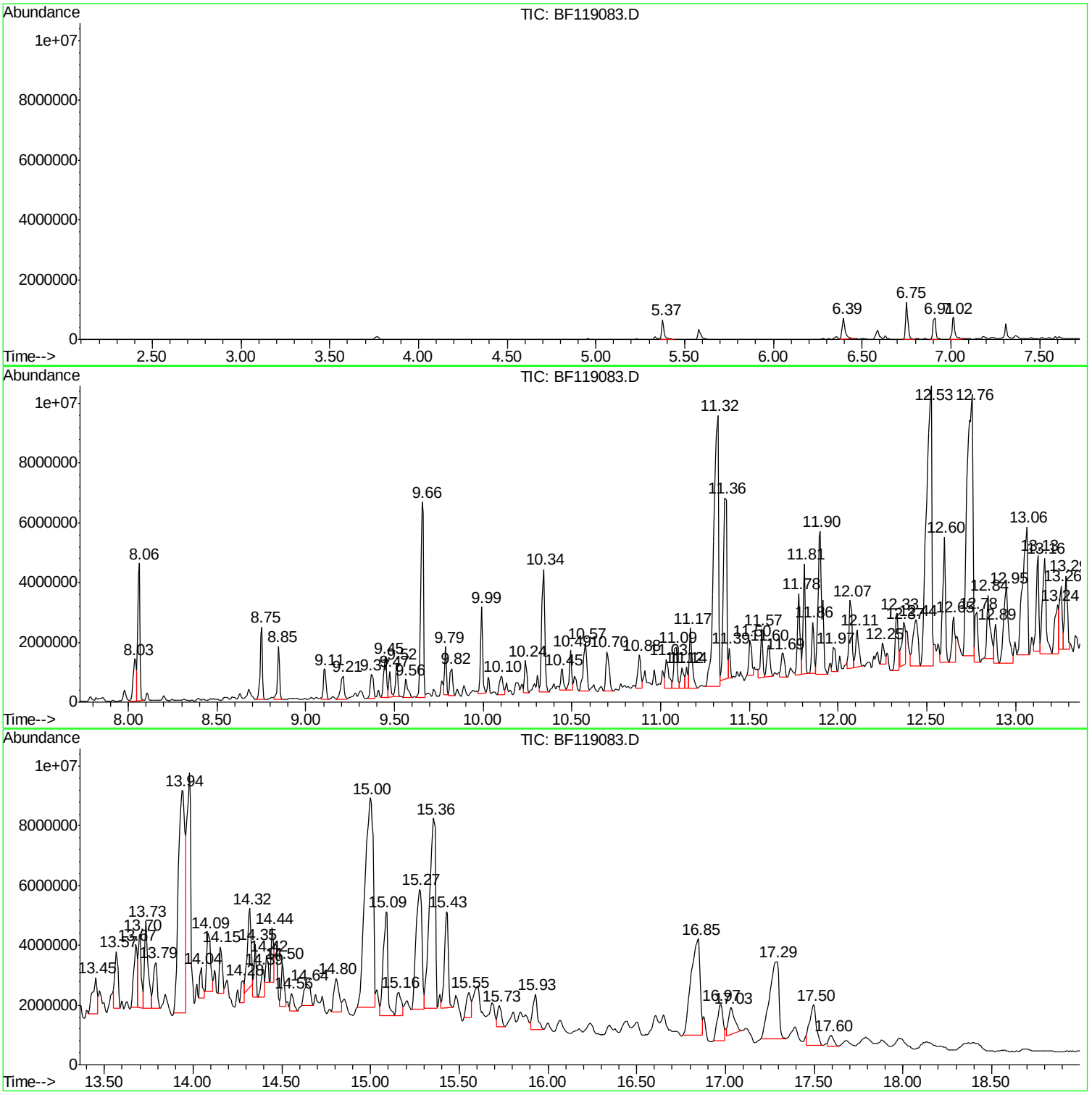
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

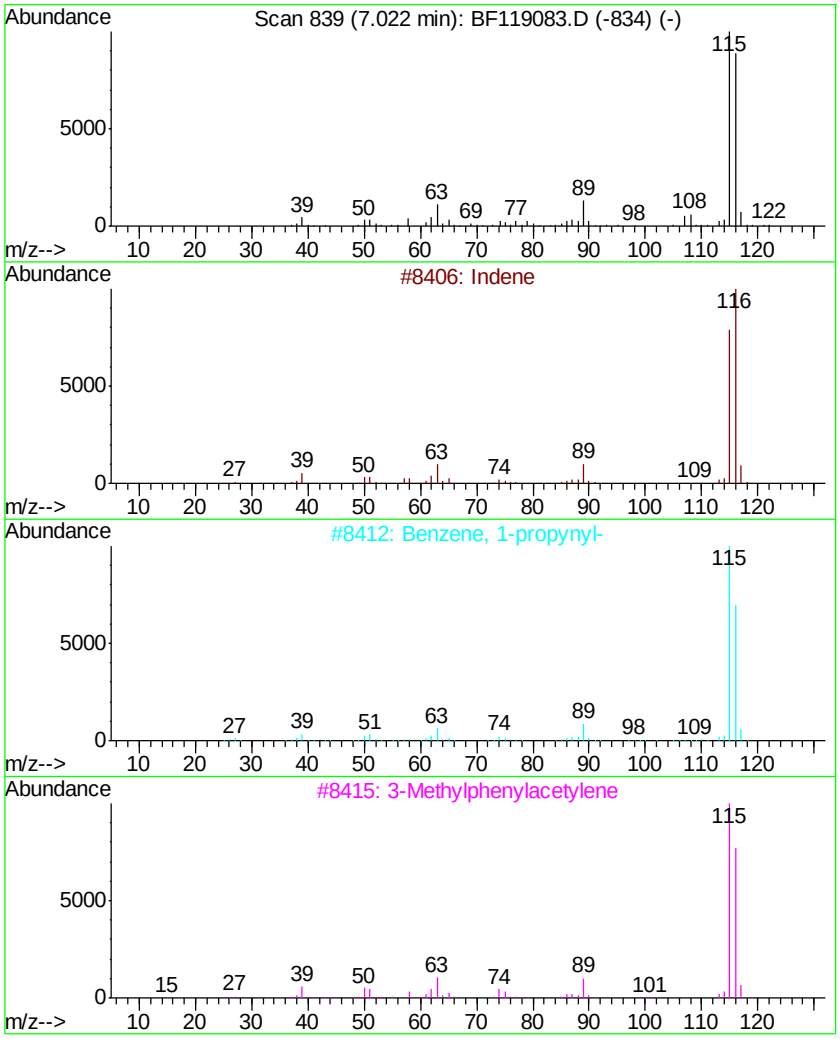
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

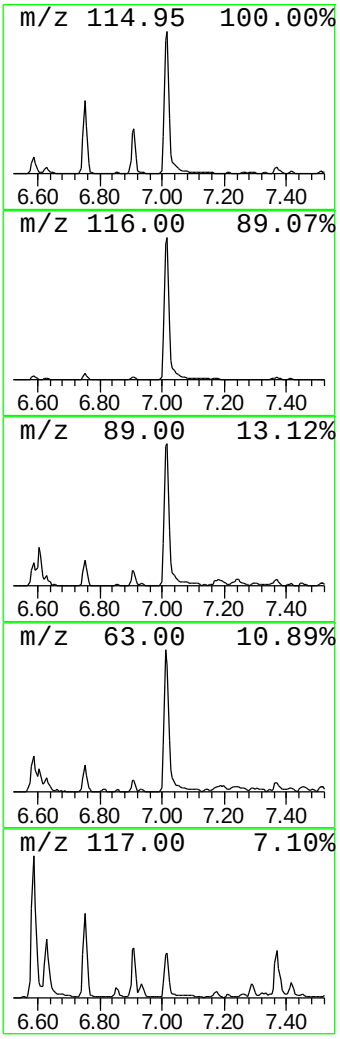
****

Peak Number 2 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	15.87 ng	849983	1,4-Dichlorobenzene-d4	6.75

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	95
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

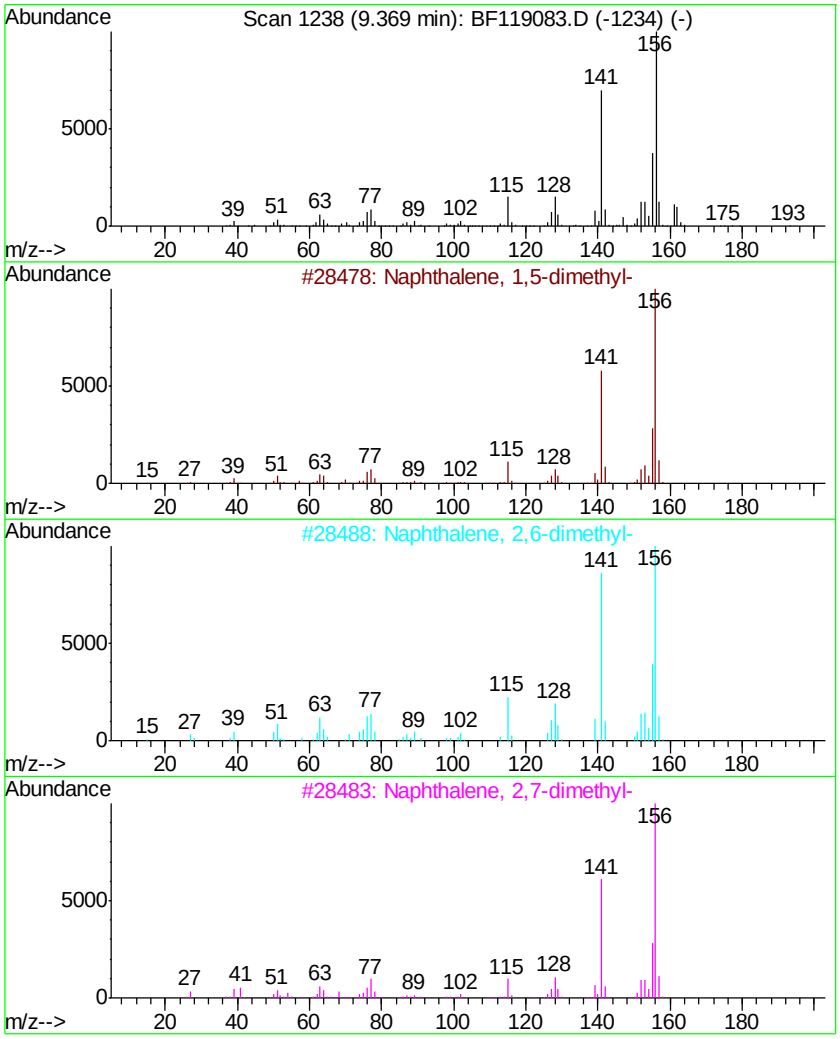
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

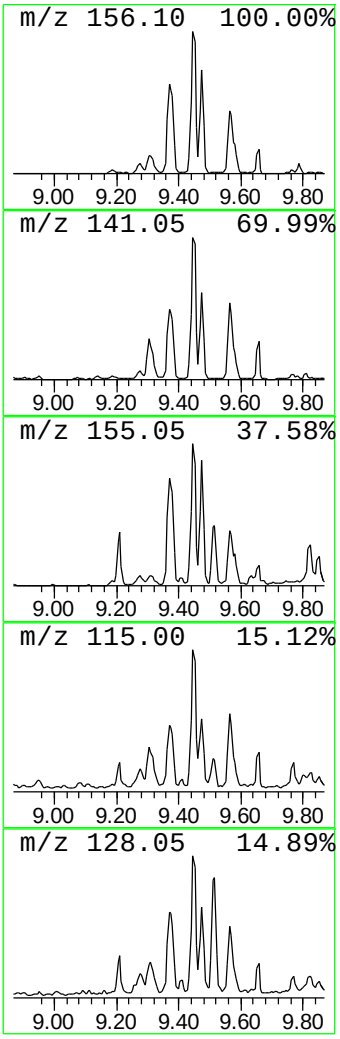
****

Peak Number 3 Naphthalene, 1,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	18.30 ng	1122150	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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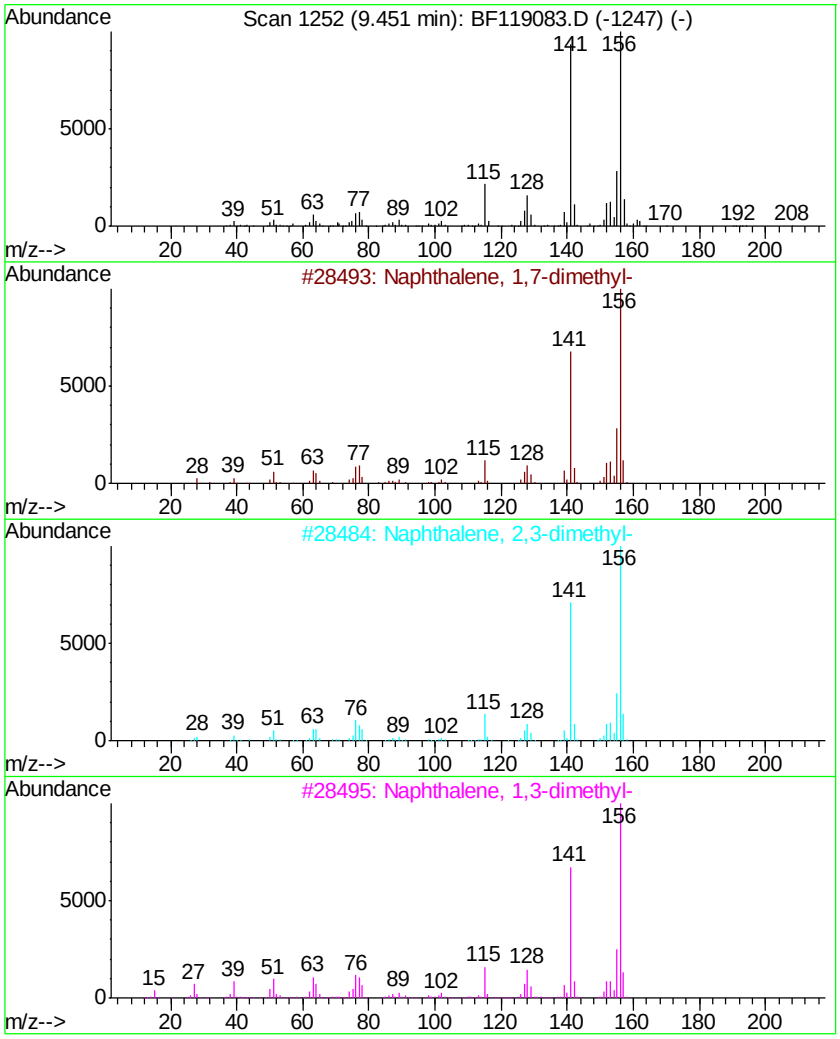
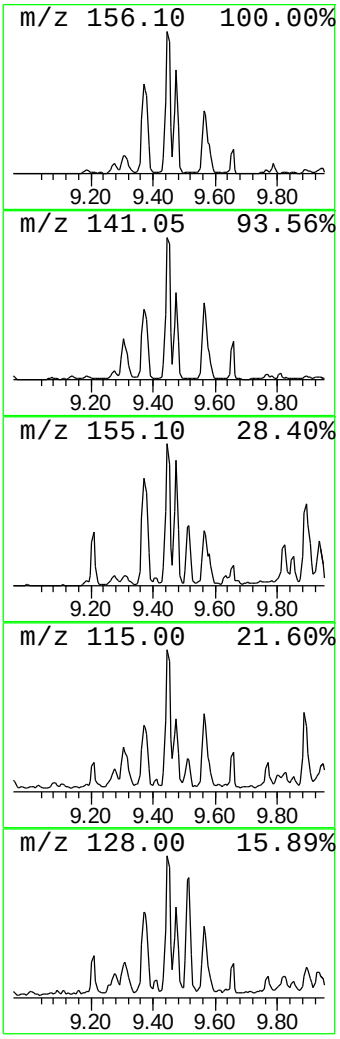
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	22.82 ng	1399650	Acenaphthene-d10	9.79

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





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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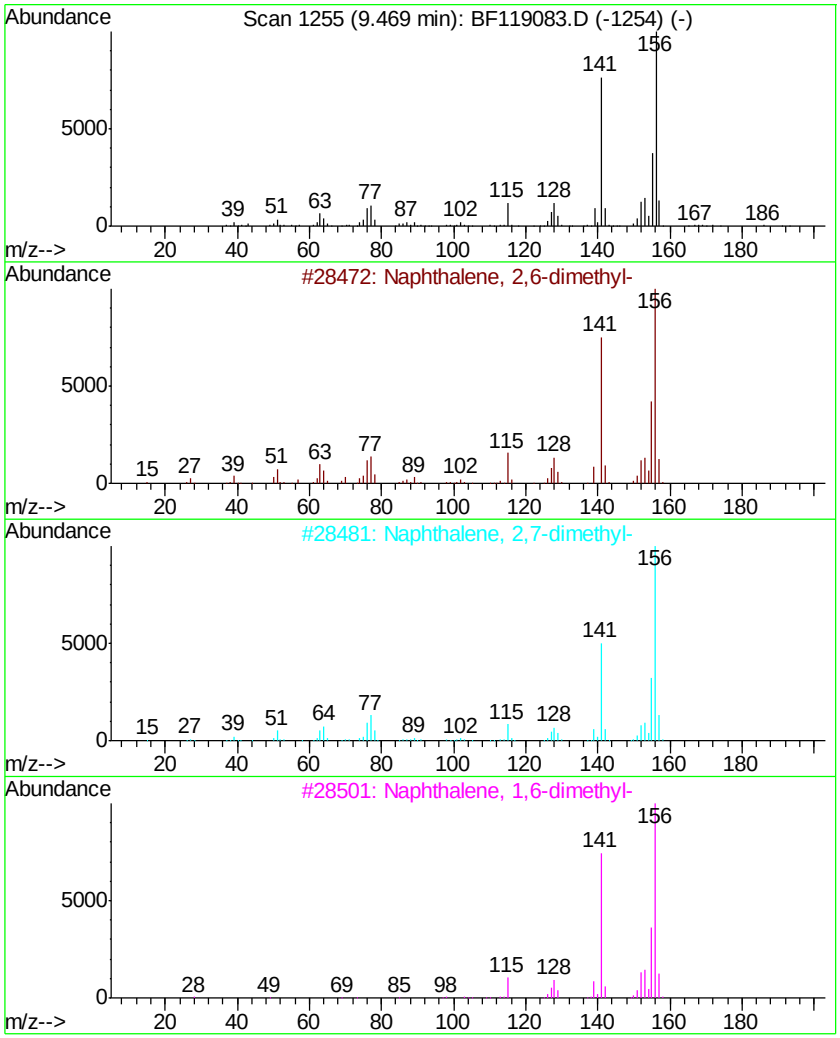
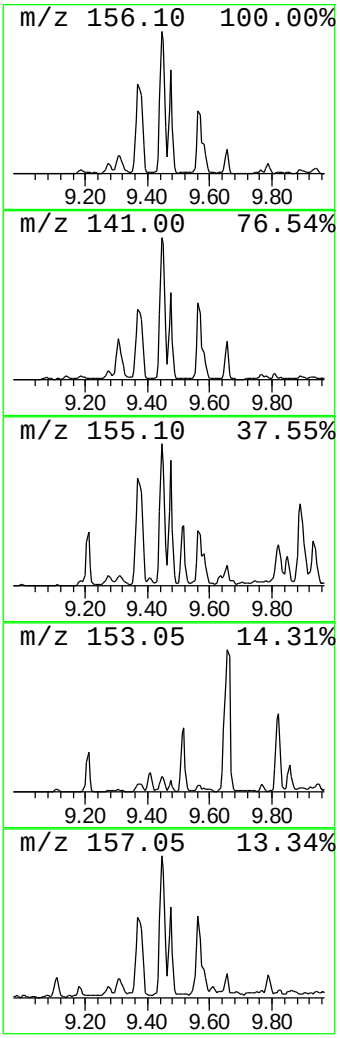
Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	11.49 ng	704572	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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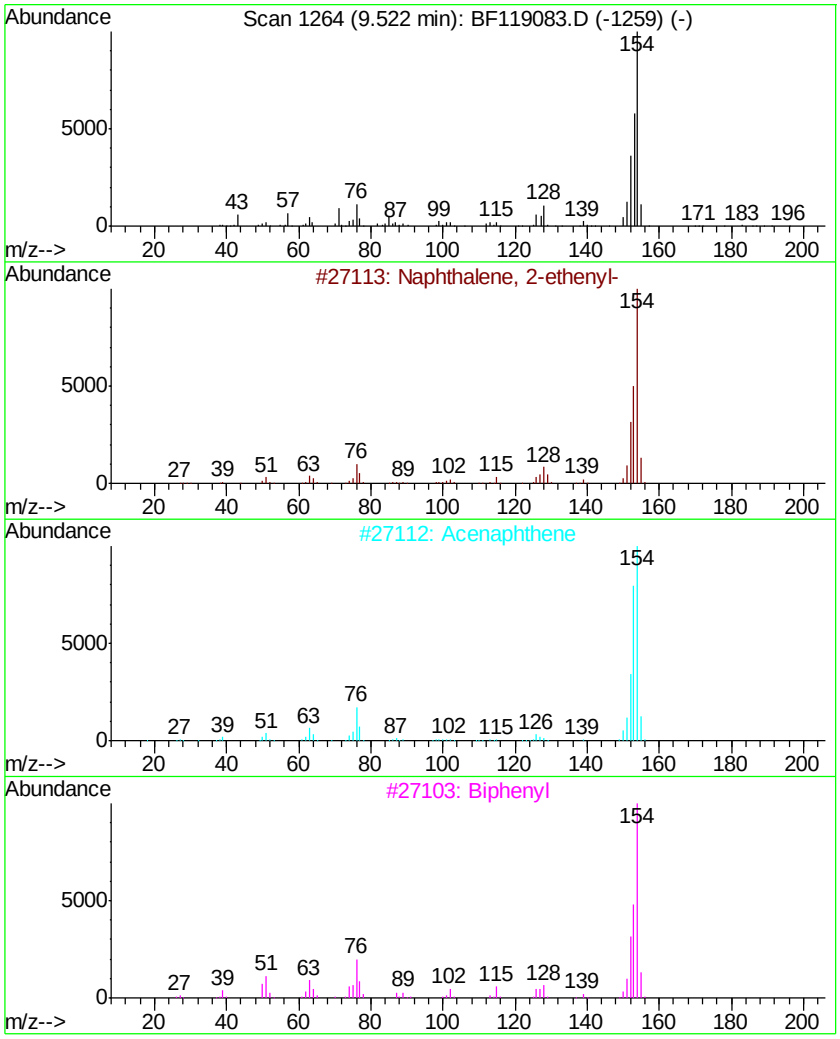
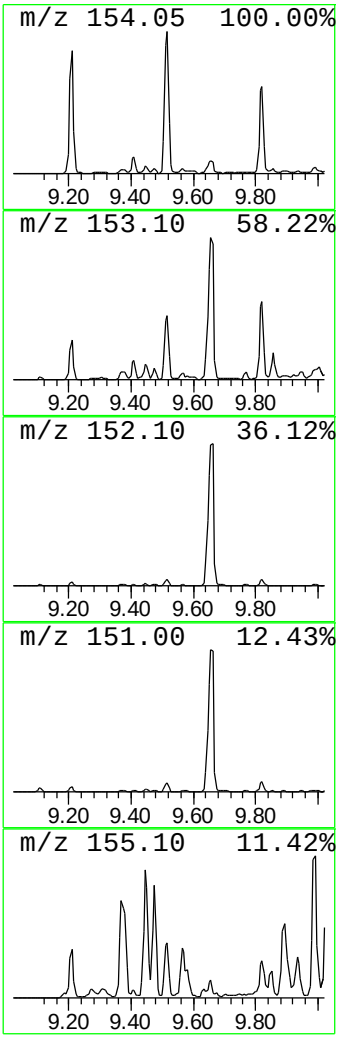
Peak Number 6 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	18.18 ng	1114660	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	96
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	90
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	58
5	6-Cyanoquinoline	154	C10H6N2	023395-72-4	43





Library Search Compound Report

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Data File : BF119083.D
Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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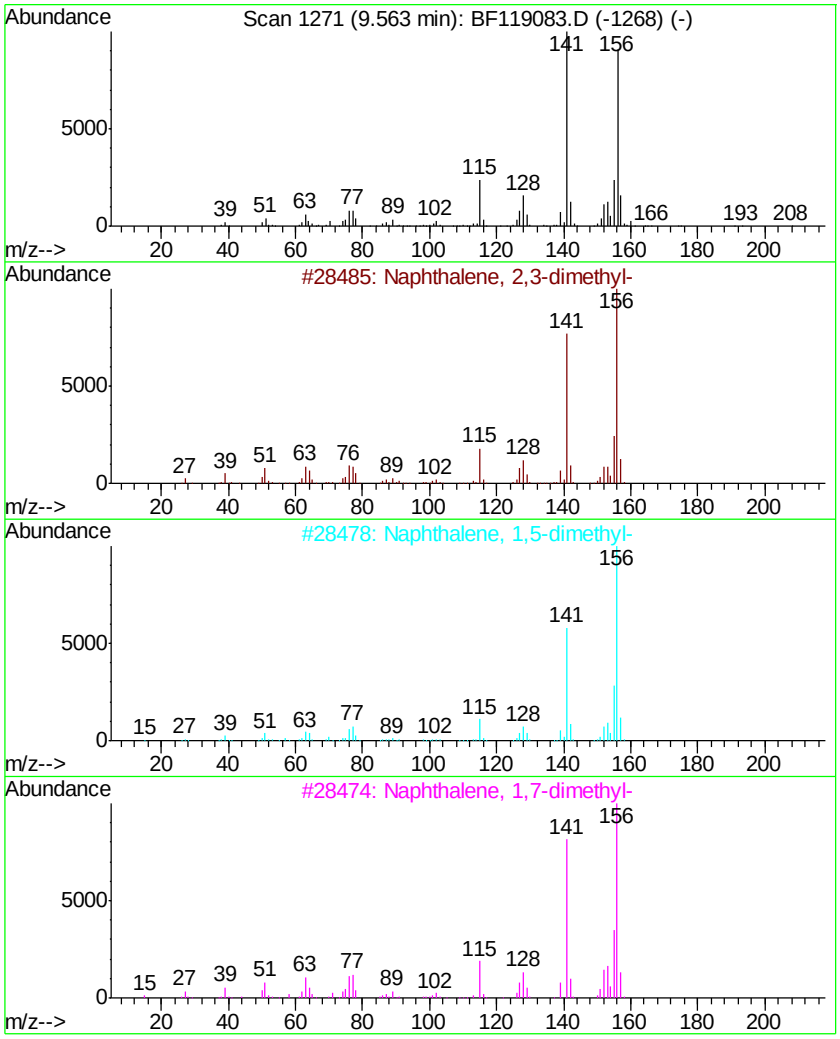
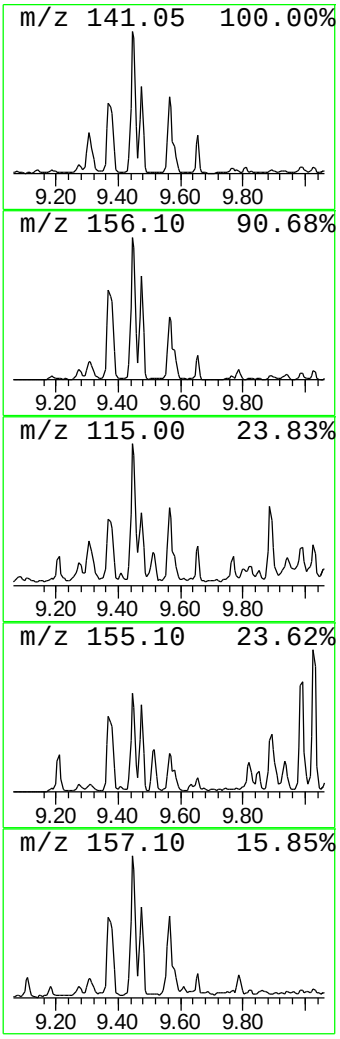
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	11.81 ng	724066	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Sample : L1613-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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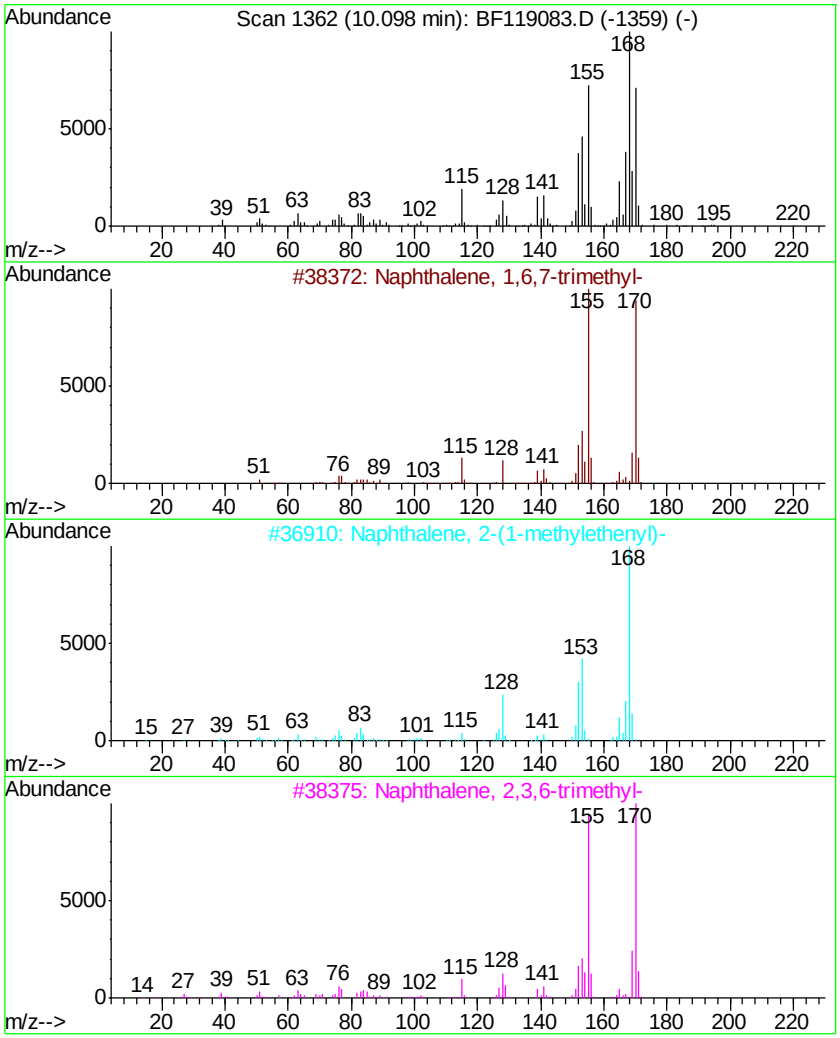
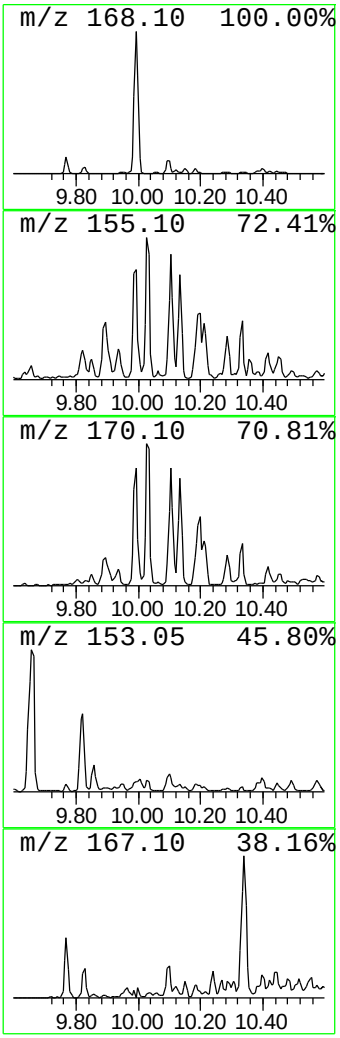
Peak Number 8 unknown10.10 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.10	13.98 ng	857405	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	42
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	38
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	38





Library Search Compound Report

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Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId : TP-14-EP1-2

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TIC Library : C:\DATABASE\NIST11.L
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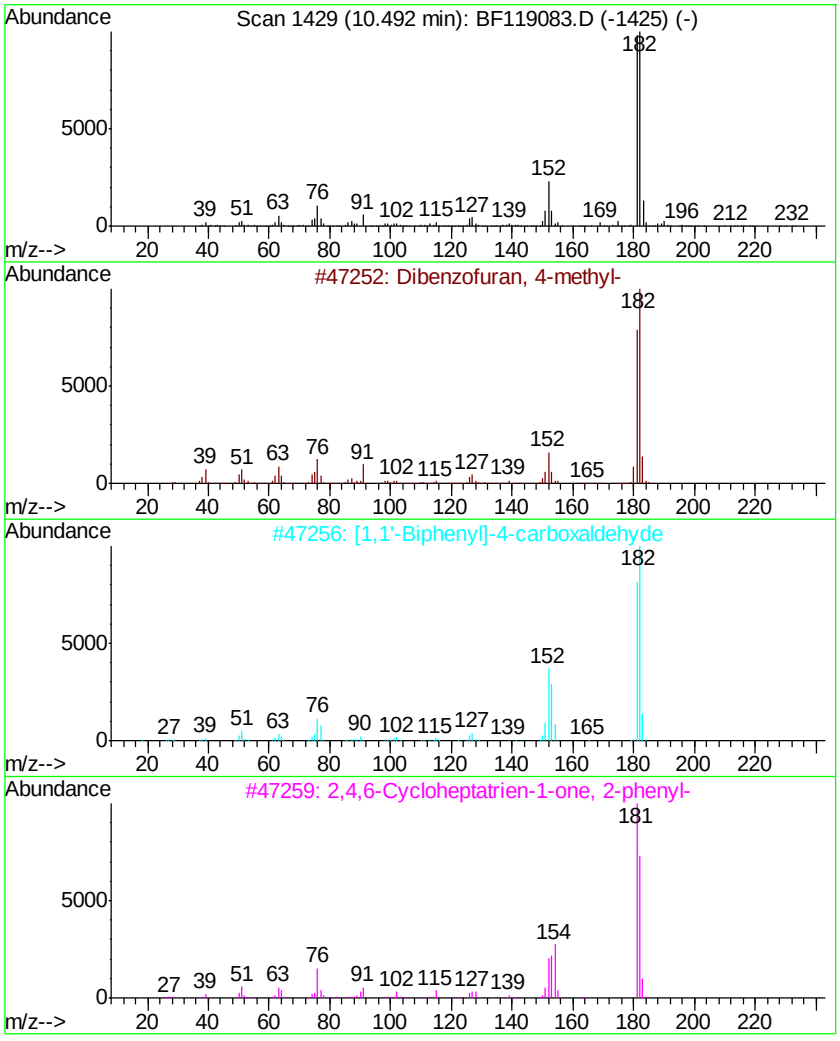
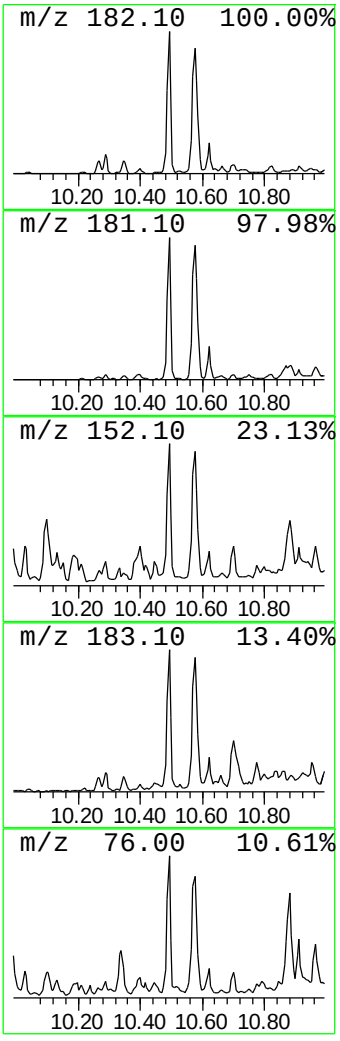
Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	19.15 ng	1174680	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72





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Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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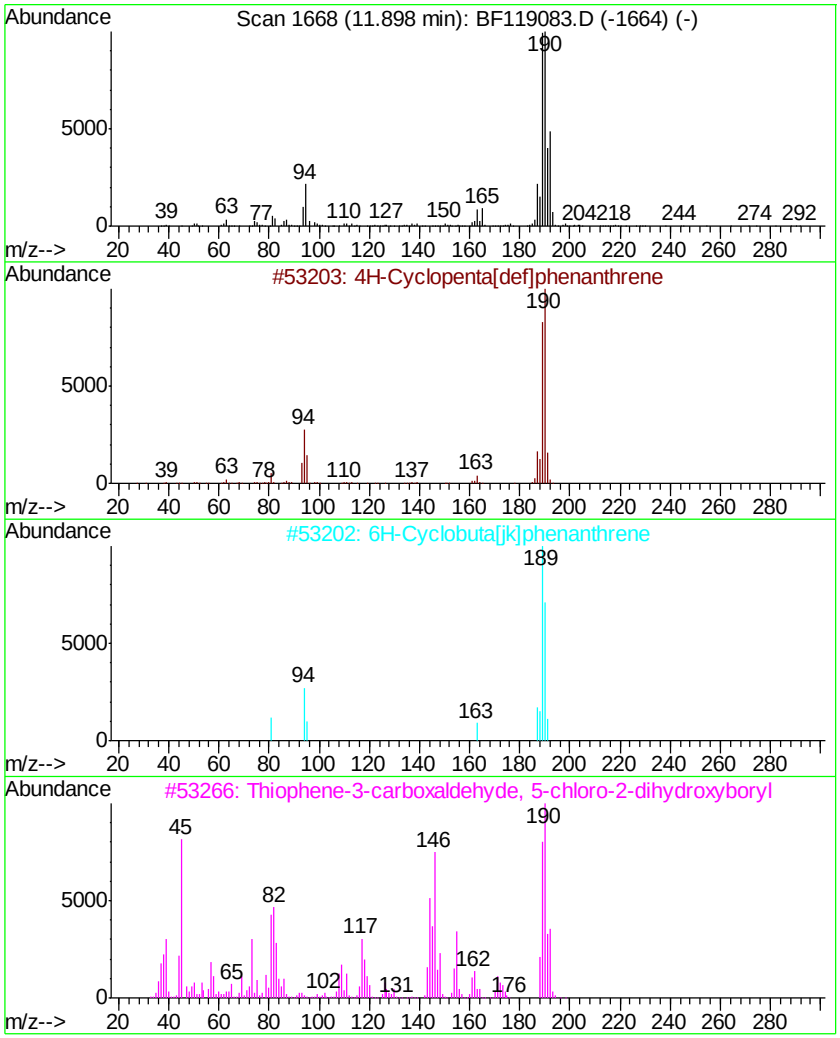
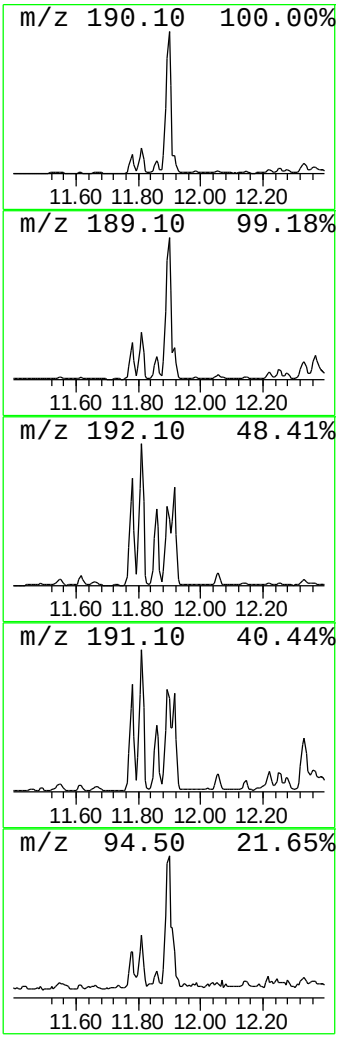
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.64 ng	7730900	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Library Search Compound Report

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Acq On : 26 Feb 2020 00:12
Operator : CG/JU
Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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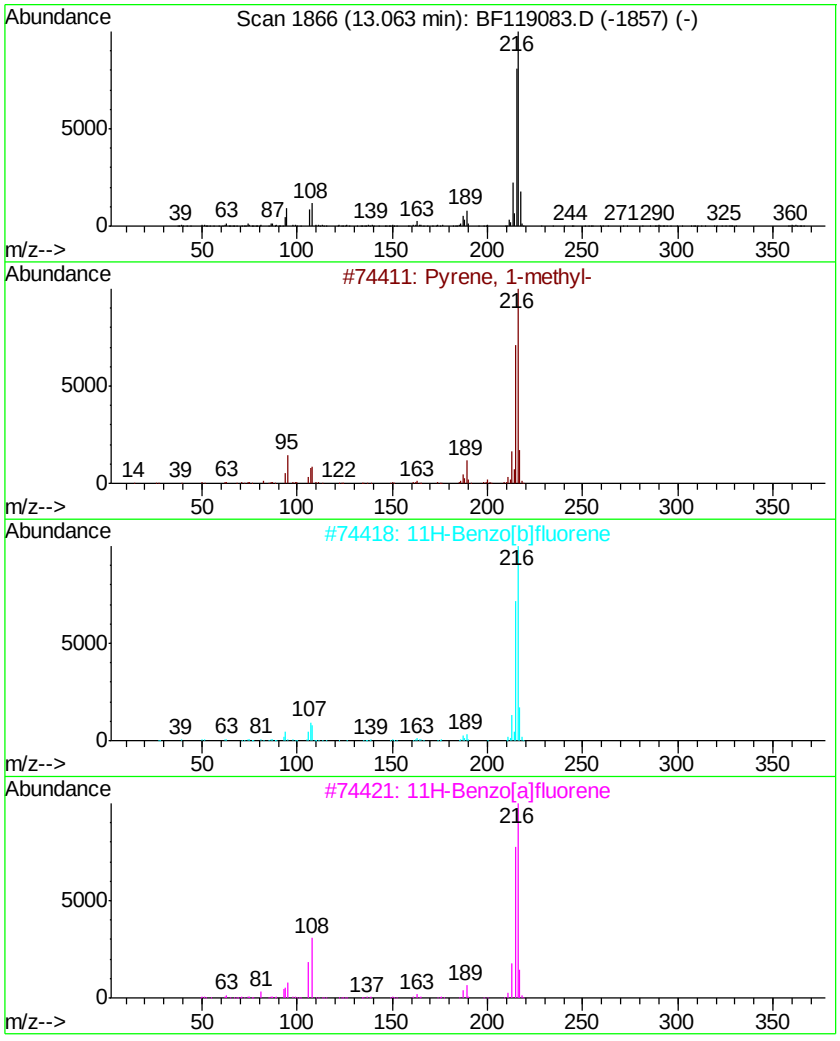
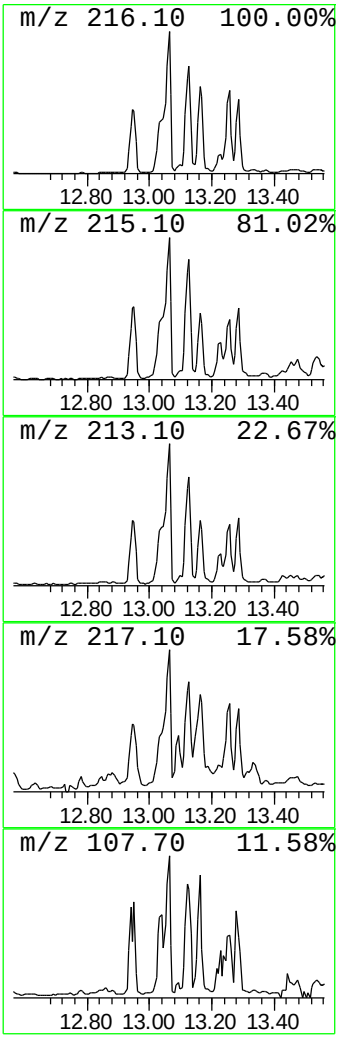
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	8.31 ng	8203590	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : L1613-01 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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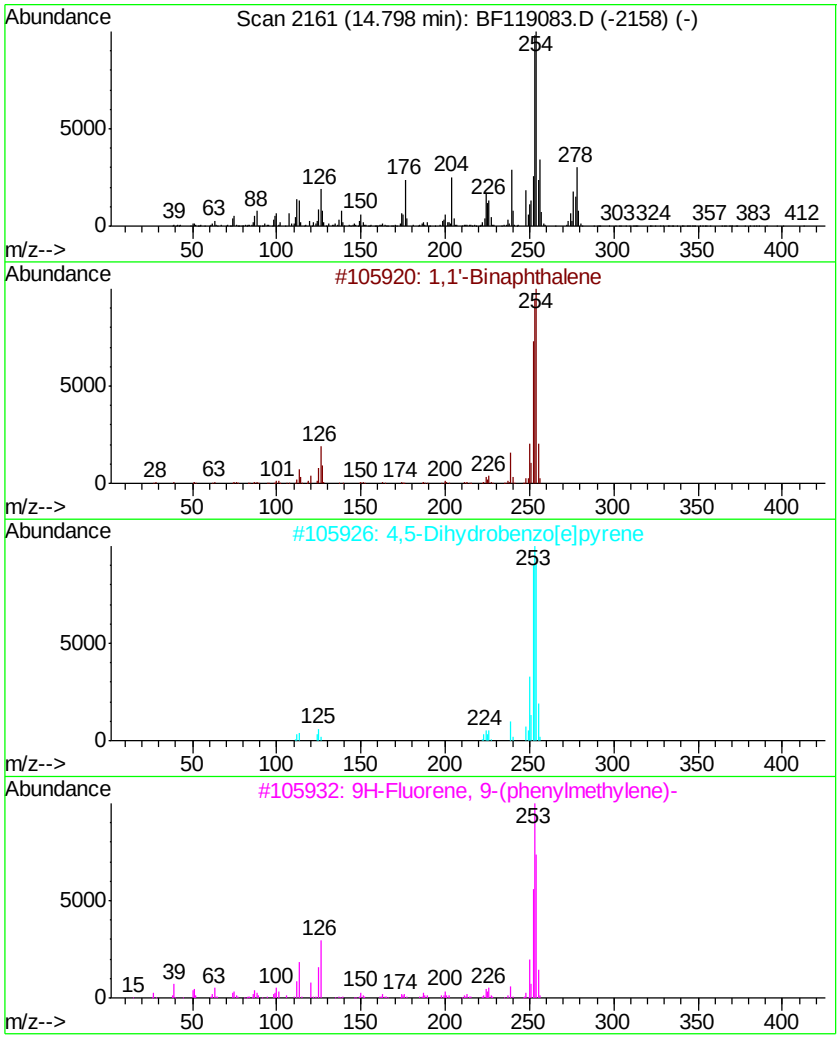
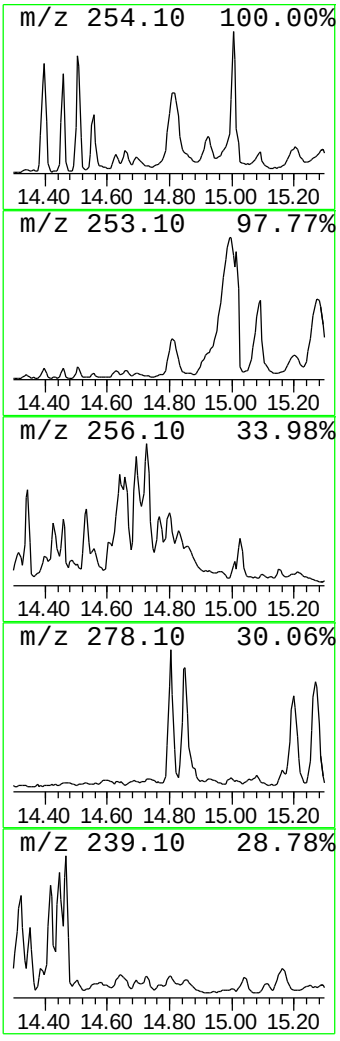
Peak Number 14 1,1'-Binaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	8.98 ng	2308900	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	93
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	58
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	58
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	52
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	52





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Sample : L1613-01 5X
Misc :
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Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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

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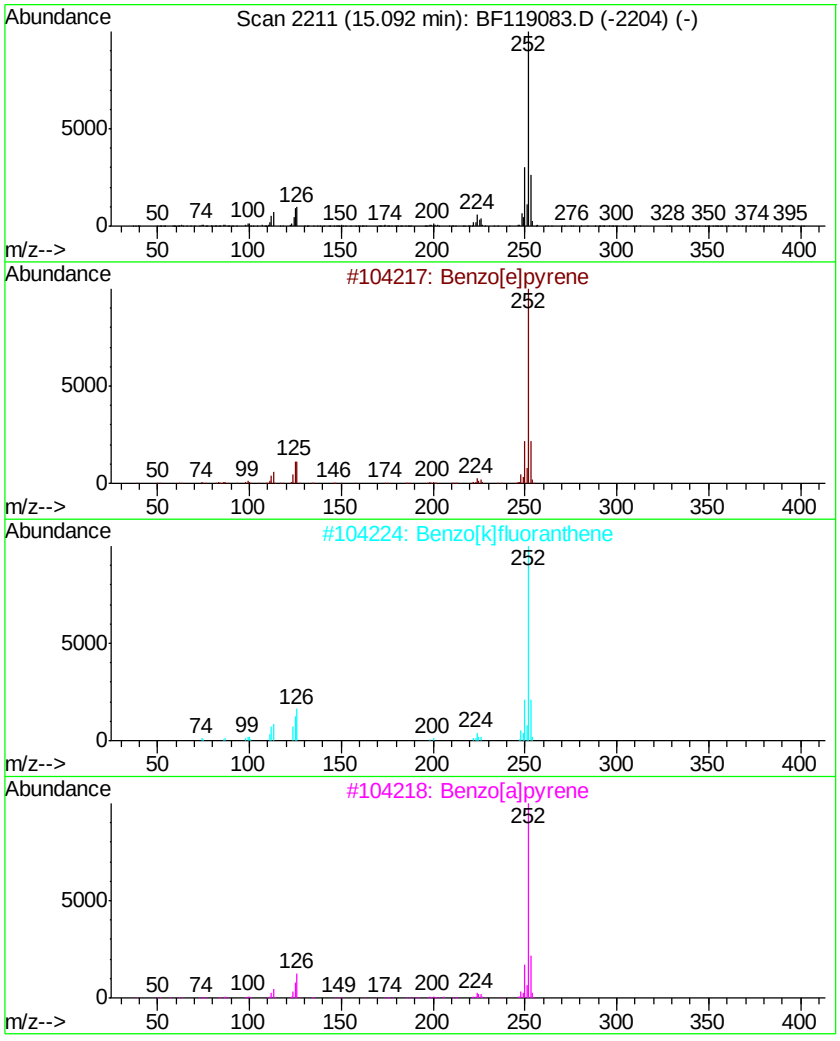
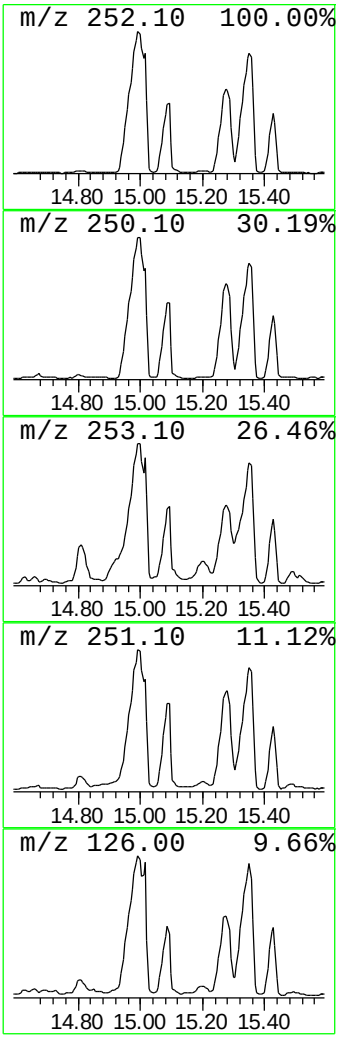
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	23.04 ng	5921130	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	81





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Misc :
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Instrument : BNA_F
ClientSampleId : TP-14-EP1-2

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

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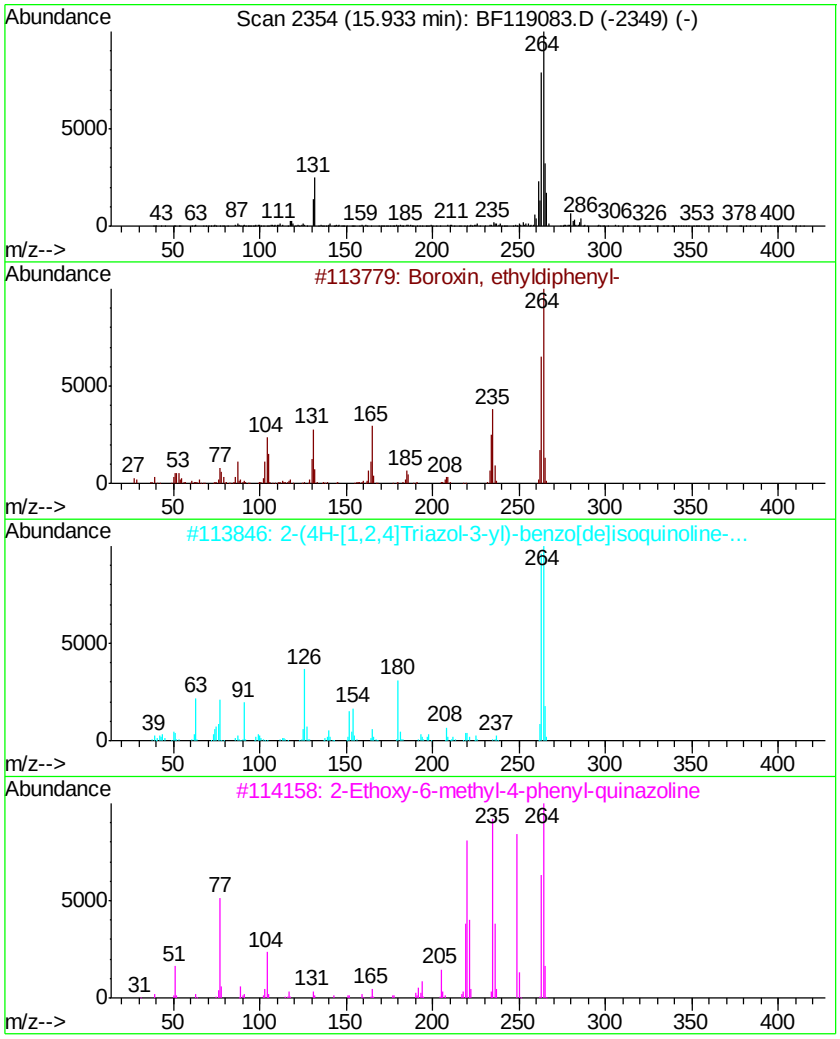
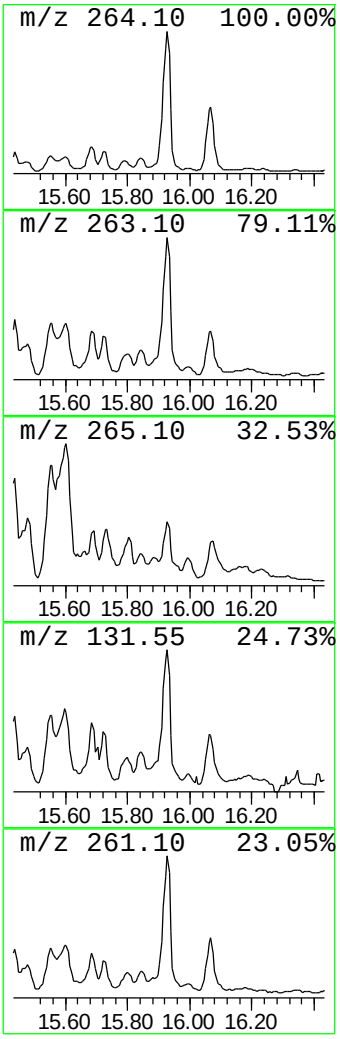
Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	8.01 ng	2057950	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
3	2-Ethoxy-6-methyl-4-phenyl-quina...	264	C17H16N2O	1000318-42-5	47
4	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	37
5	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	35





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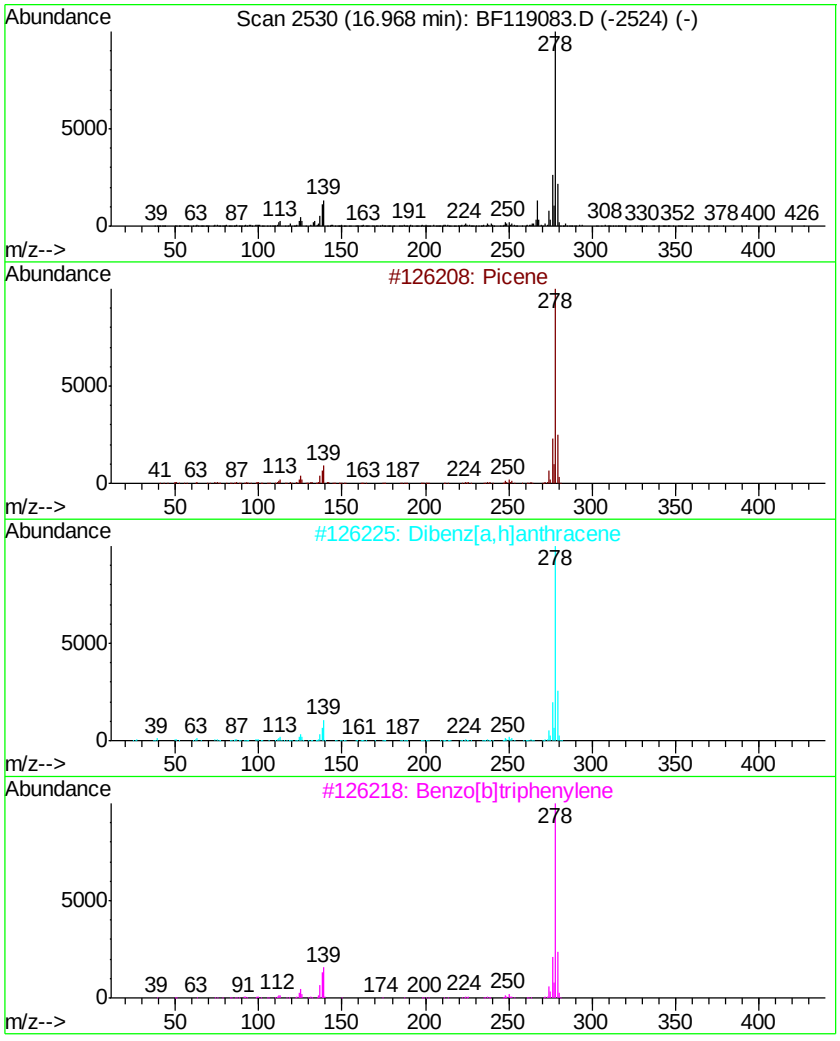
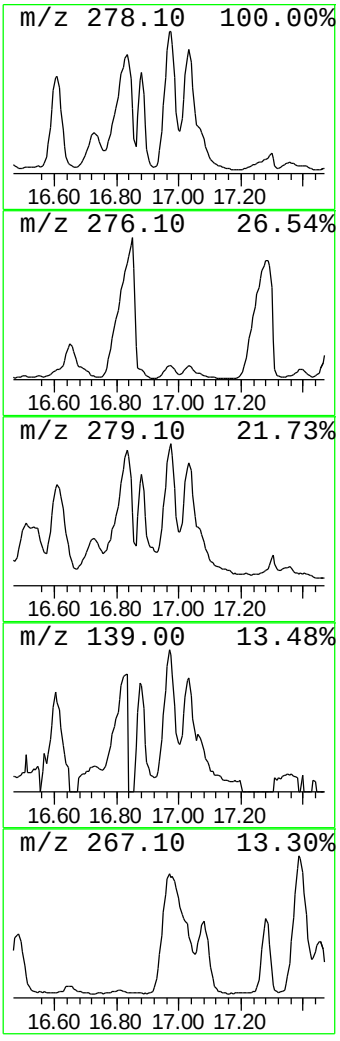
Peak Number 18 Picene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	10.87 ng	2793040	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Picene	278	C22H14	000213-46-7	94
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	93
4	Benzo[a]naphthacene	278	C22H14	000226-88-0	86
5	Pentacene	278	C22H14	000135-48-8	86





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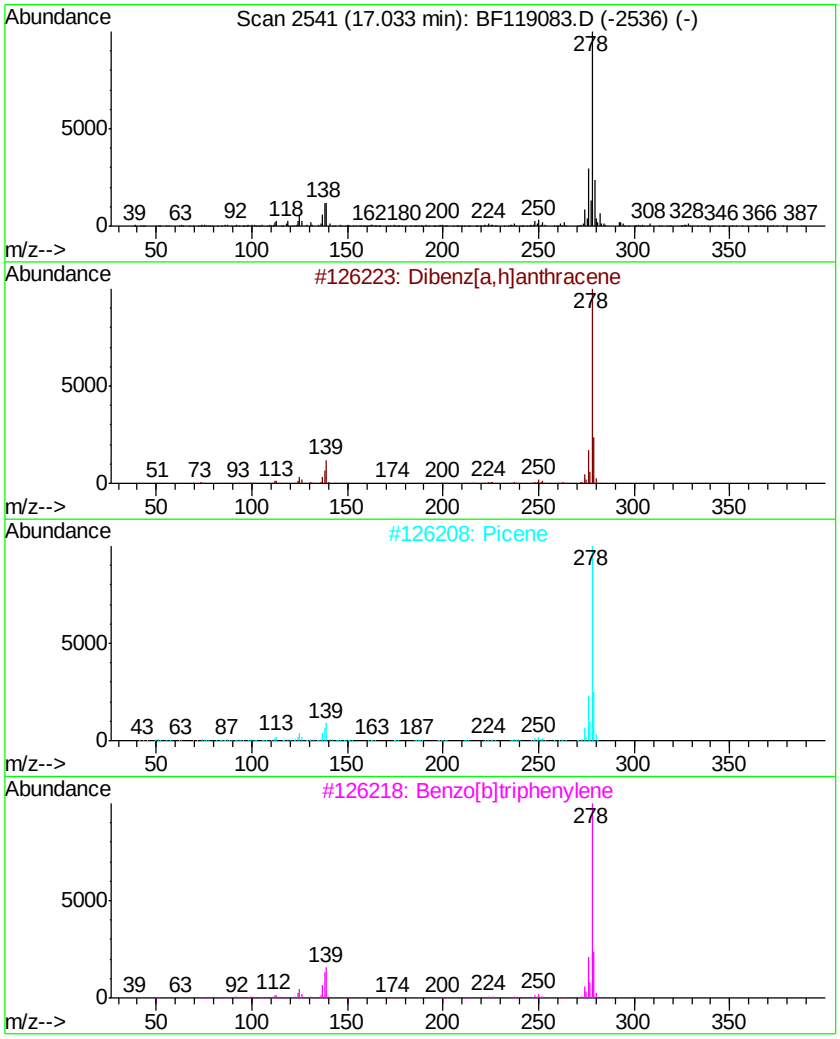
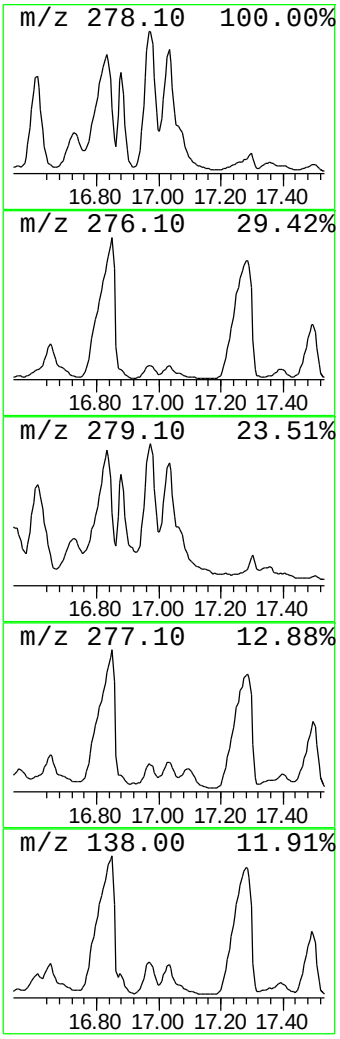
Peak Number 19 Dibenz[a,h]anthracene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	8.54 ng	2193550	Perylene-d12	15.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
2	Picene	278	C22H14	000213-46-7	98
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
4	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95
5	Benzo[b]chrysene	278	C22H14	000214-17-5	95





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indene	7.02	15.9	ng	849983	1	6.75	1071010	20.0
Naphthalene, 1,5-...	9.37	18.3	ng	1122150	3	9.79	1226550	20.0
Naphthalene, 1,7-...	9.45	22.8	ng	1399650	3	9.79	1226550	20.0
Naphthalene, 2,6-...	9.47	11.5	ng	704572	3	9.79	1226550	20.0
Naphthalene, 2-et...	9.52	18.2	ng	1114660	3	9.79	1226550	20.0
Naphthalene, 2,3-...	9.56	11.8	ng	724066	3	9.79	1226550	20.0
unknown10.10	10.10	14.0	ng	857405	3	9.79	1226550	20.0
Dibenzofuran, 4-m...	10.49	19.1	ng	1174680	3	9.79	1226550	20.0
4H-Cyclopenta[def...	11.90	9.6	ng	7730900	4	11.27	16035700	20.0
Pyrene, 1-methyl-	13.06	8.3	ng	8203590	5	13.95	19755600	20.0
1,1'-Binaphthalene	14.80	9.0	ng	2308900	6	15.39	5139650	20.0
Benzo[e]pyrene	15.09	23.0	ng	5921130	6	15.39	5139650	20.0
Boroxin, ethyldip...	15.93	8.0	ng	2057950	6	15.39	5139650	20.0
Picene	16.97	10.9	ng	2793040	6	15.39	5139650	20.0
Dibenz[a,h]anthra...	17.03	8.5	ng	2193550	6	15.39	5139650	20.0