LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

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-BF040820.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	5.340	548	553	556	rBV	3370124	3344847	32.09%	1.631%
2	6.375	718	729	731	rBV	3244926	3824062	36.69%	1.864%
3	6.469	741	745	749	rVV4	341932	634489	6.09%	0.309%
4	6.728	786	789	792	rVV	1343123	1111224	10.66%	0.542%
5	6.792	796	800	803	rBV	449110	522766	5.02%	0.255%
6	6.886	812	816	819	rBV2	3587946	3450952	33.11%	1.683%
7	6.998	833	835	840	rVB3	785666	896875	8.60%	0.437%
8	7.128	853	857	859	rBV2	618571	619883	5.95%	0.302%
9	7.157	859	862	869	rVB6	389709	651950	6.25%	0.318%
10	7.275	874	882	883	rBV3	1580407	2465402	23.65%	1.202%
11	7.298	883	886	888	rVB2	1621618	1251333	12.00%	0.610%
12	7.375	895	899	903	rVB5	1199882	1783116	17.11%	0.869%
13	7.428	903	908	915	rBV3	676094	1644777	15.78%	0.802%
14	7.510	920	922	925	rVV3	740843	941648	9.03%	0.459%
15	7.539	925	927	931	rVB2	1348475	1170883	11.23%	0.571%
16	7.628	938	942	943	rBV2	812593	1005779	9.65%	0.490%
17	7.657	945	947	951	rVB4	1366253	1598852	15.34%	0.780%
18	7.757	961	964	966	rBV2	1327006	1149961	11.03%	0.561%
19	7.781	966	968	974	rVB5	920052	1225444	11.76%	0.597%
20	7.845	974	979	983	rBV3	1299306	1837474	17.63%	0.896%
21	7.892	983	987	988	rBV	1100045	1155753	11.09%	0.563%
22	7.963	996	999	1000	rBV2	732406	679294	6.52%	0.331%
23	8.016	1003	1008	1010	rBV2	2458366	3124010	29.97%	1.523%
24	8.039	1010	1012	1015	rVV4	671867	604925	5.80%	0.295%
25	8.069	1015	1017	1019	rVV	1209678	851110	8.17%	0.415%
26	8.092	1019	1021	1023	rVB	2147124	1468603	14.09%	0.716%
27	8.116	1023	1025	1028	rVB3	1189724	993868	9.53%	0.485%
28	8.145	1028	1030	1032	rVB2	910016	740353	7.10%	0.361%
29	8.181	1032	1036	1039	rBV3	1281663	2119828	20.34%	1.034%
30	8.228	1040	1044	1047	rVB2	2127862	2733690	26.23%	1.333%
31	8.263	1047	1050	1052	rBV3	470541	549039	5.27%	0.268%
32	8.304	1054	1057	1062	rVB5	1898496	3287552	31.54%	1.603%
33	8.351	1062	1065	1067	rBV	978101	958741	9.20%	0.467%
34	8.410	1072	1075	1078	rVB2	2253477	2407335	23.09%	1.174%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

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-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.457	1078	1083	1087	rBV	6696137	8760466	84.04%	4.271%
36	8.492	1087	1089	1092	rVB2	1886759	1546960	14.84%	0.754%
37	8.533	1092	1096	1098	rBV3	1868425	2099740	20.14%	1.024%
38	8.569	1099	1102	1104	rBV4	1491084	1559702	14.96%	0.760%
39	8.622	1108	1111	1114	rBV3	1434740	1972590	18.92%	0.962%
40	8.663	1116	1118	1120	rBV2	728458	671782	6.44%	0.328%
41	8.722	1124	1128	1131	rVB3	3072726	3986446	38.24%	1.944%
42	8.775	1134	1137	1140	rBV3	1004369	1256224	12.05%	0.612%
43	8.833	1140	1147	1149	rBV6	1751131	3813642	36.59%	1.859%
44	8.910	1158	1160	1162	rBV3	962458	921546	8.84%	0.449%
45	8.939	1162	1165	1168	rVB4	2078733	2173621	20.85%	1.060%
46	8.975	1168	1171	1173	rBV3	887874	1039232	9.97%	0.507%
47	9.063	1181	1186	1189	rBV2	7195574	8432318	80.90%	4.111%
48	9.104	1189	1193	1195	rVB	3410804	3198512	30.69%	1.559%
49	9.192	1204	1208	1212	rBV3	2664466	4642467	44.54%	2.263%
50	9.310	1224	1228	1231	rVB2	1827057	2365961	22.70%	1.154%
51	9.380	1235	1240	1243	rVB2	3208906	4747737	45.55%	2.315%
52	9.451	1248	1252	1254	rVV	3463552	3923951	37.64%	1.913%
53	9.475	1254	1256	1258	rVB2	2548344	1968197	18.88%	0.960%
54	9.498	1258	1260	1261	rBV	2960606	2282899	21.90%	1.113%
55	9.522	1261	1264	1266	rVB	6813031	6679368	64.08%	3.257%
56	9.569	1269	1272	1274	rBV2	1346325	1210920	11.62%	0.590%
57	9.622	1279	1281	1283	rVB2	1102529	737488	7.08%	0.360%
58	9.651	1283	1286	1291	rBV3	1431690	2374744	22.78%	1.158%
59	9.698	1291	1294	1297	rVB3	2549227	2101868	20.16%	1.025%
60	9.727	1297	1299	1303	rVB2	1321789	1394264	13.38%	0.680%
61	9.780	1303	1308	1311	rBV5	2033591	3650876	35.02%	1.780%
62	9.827	1314	1316	1318	rVB3	1075412	747899	7.18%	0.365%
63	9.898	1324	1328	1331	rVB2	2710368	3523341	33.80%	1.718%
64	9.933	1332	1334	1335	rBV	994011	832625	7.99%	0.406%
65	9.992	1340	1344	1347	rVV2	3655583	4270319	40.97%	2.082%
66	10.033	1349	1351	1352	rVV	2249196	1716256	16.46%	0.837%
67	10.051	1352	1354	1360	rVB3	3060454	3276614	31.43%	1.598%
68	10.110	1360	1364	1366	rBV	2638655	2828231	27.13%	1.379%
69	10.133	1366	1368	1370	rBV	1283584	1021083	9.80%	0.498%
70	10.198	1376	1379	1381	rBV3	1707701	1881585	18.05%	0.917%
71	10.327	1398	1401	1403	rBV3	1661654	1715839	16.46%	0.837%

LSC Area Percent Report

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Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	10.451	1418	1422	1425	rVB	6292668	6569101	63.02%	3.203%
73	10.563	1438	1441	1442	rBV2	996498	974650	9.35%	0.475%
74	10.604	1447	1448	1451	rBV2	897331	862018	8.27%	0.420%
75	10.657	1455	1457	1458	rBV	620446	520130	4.99%	0.254%
76	10.722	1462	1468	1471	rVB	7953134	10423674	100.00%	5.082%
77	10.774	1475	1477	1479	rBV2	739066	661425	6.35%	0.322%
78	10.916	1498	1501	1509	rVB5	1816637	2688431	25.79%	1.311%
79	11.021	1517	1519	1526	rVB7	662894	1040953	9.99%	0.508%
80	11.145	1538	1540	1542	rBV2	641378	515339	4.94%	0.251%
81	11.180	1542	1546	1549	rVB	6450711	7039345	67.53%	3.432%
82	11.274	1559	1562	1563	rBV	1111451	1252867	12.02%	0.611%
83	11.521	1602	1604	1607	rVB	1508358	1485310	14.25%	0.724%
84	11.774	1645	1647	1649	rVV	782623	538093	5.16%	0.262%
85	11.804	1649	1652	1655	rVB	1407874	1254754	12.04%	0.612%
86	11.886	1663	1666	1669	rBV2	801902	705540	6.77%	0.344%
87	12.251	1725	1728	1735	rVB	1114354	1442891	13.84%	0.703%
88	12.327	1738	1741	1744	rVB	887338	804000	7.71%	0.392%
89	12.363	1744	1747	1749	rVB3	666233	662444	6.36%	0.323%
90	12.486	1766	1768	1772	rVB	1805428	1411135	13.54%	0.688%
91	12.710	1803	1806	1808	rBV	1282832	1098191	10.54%	0.535%
92	12.733	1808	1810	1813	rVV	803150	687501	6.60%	0.335%
93	12.768	1813	1816	1820	rVB2	543623	642569	6.16%	0.313%
94	12.851	1826	1830	1833	rBV	2356071	2284801	21.92%	1.114%
95	13.751	1981	1983	1991	rVB2	531044	639511	6.14%	0.312%
96	13.898	2004	2008	2011	rBV2	1232544	1673254	16.05%	0.816%
97	13.927	2011	2013	2016	rVB	830183	617244	5.92%	0.301%
98	14.921	2178	2182	2189	rVB	634072	1095910	10.51%	0.534%
99	15.268	2237	2241	2246	rVV	549650	665241	6.38%	0.324%
100	15.333	2248	2252	2254	rVV	553748	715743	6.87%	0.349%

Sum of corrected areas: 205105196

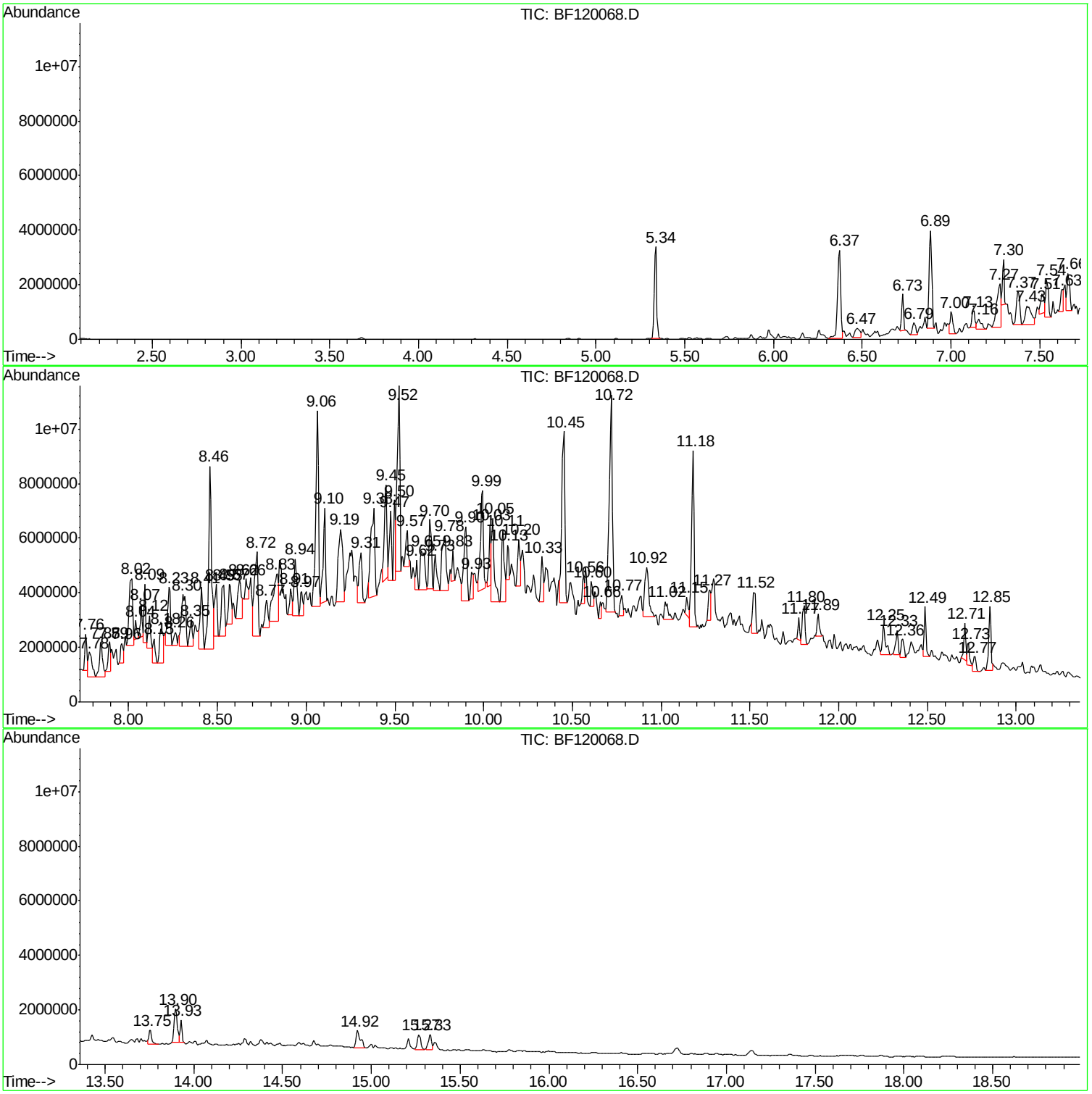
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

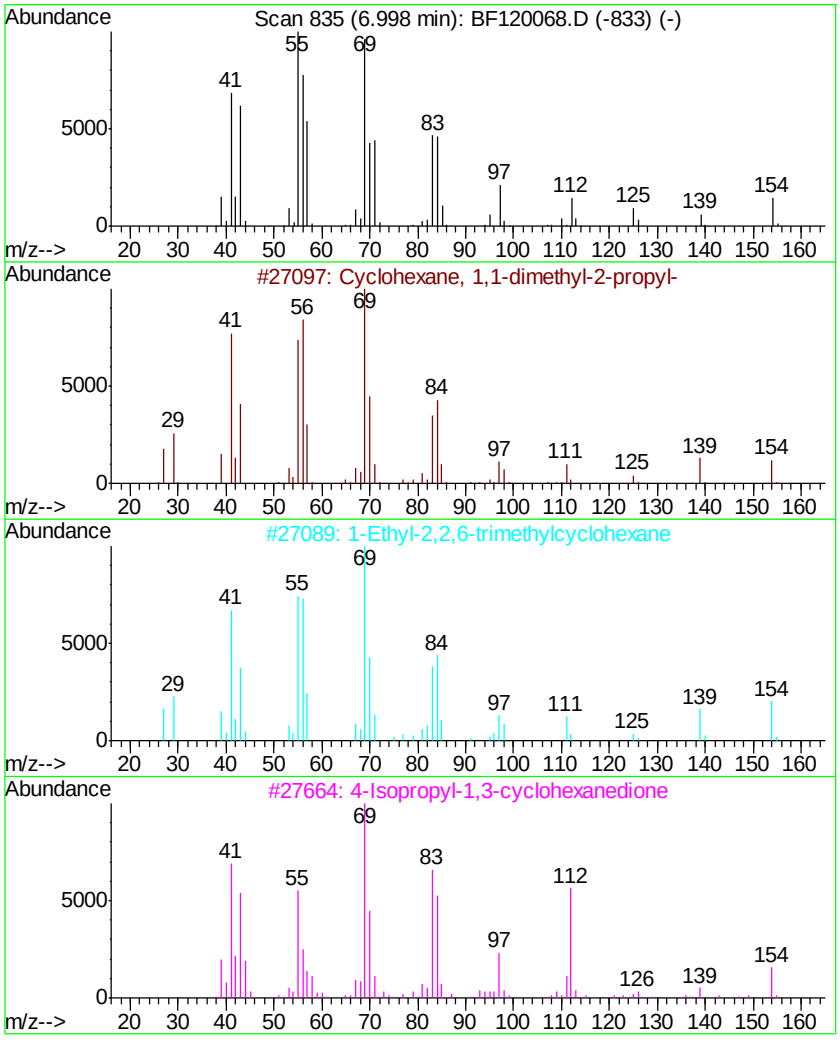
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

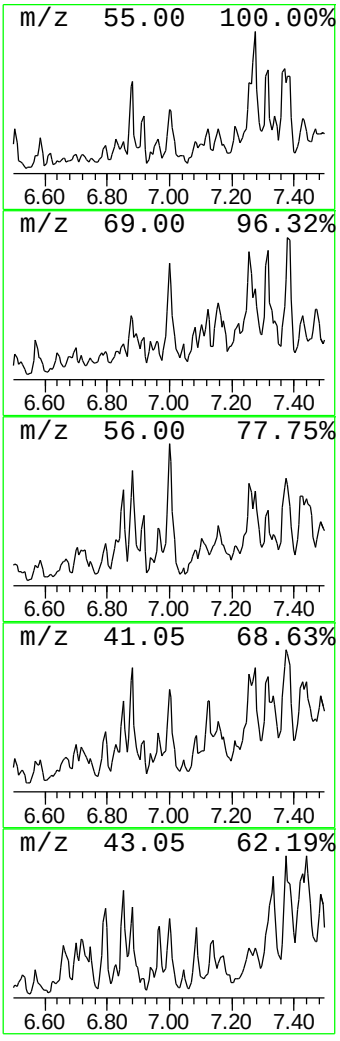
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,1-dimethyl-2... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	16.14 ng	896875	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	87
2	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	83
3	4-Isopropyl-1,3-cyclohexanedione	154	C9H14O2	062831-62-3	83
4	2-Undecene, (Z)-	154	C11H22	000821-96-5	58
5	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

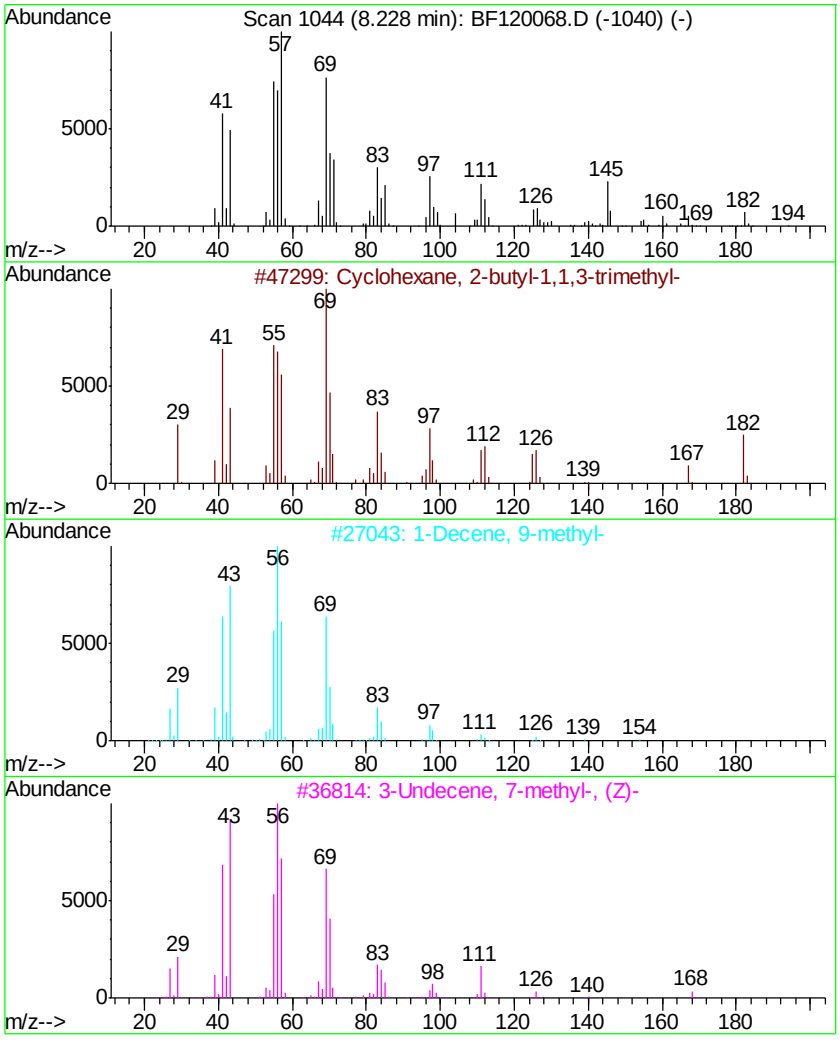
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

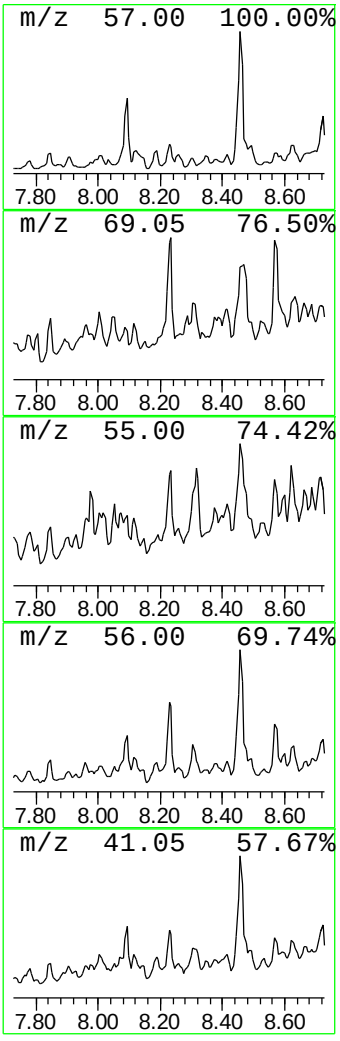
****

Peak Number 3 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	17.50 ng	2733690	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	95
2	1-Decene, 9-methyl-	154	C11H22	061142-78-7	58
3	3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	58
4	Cyclobutane, 1-butyl-2-ethyl-	140	C10H20	1000150-67-3	52
5	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

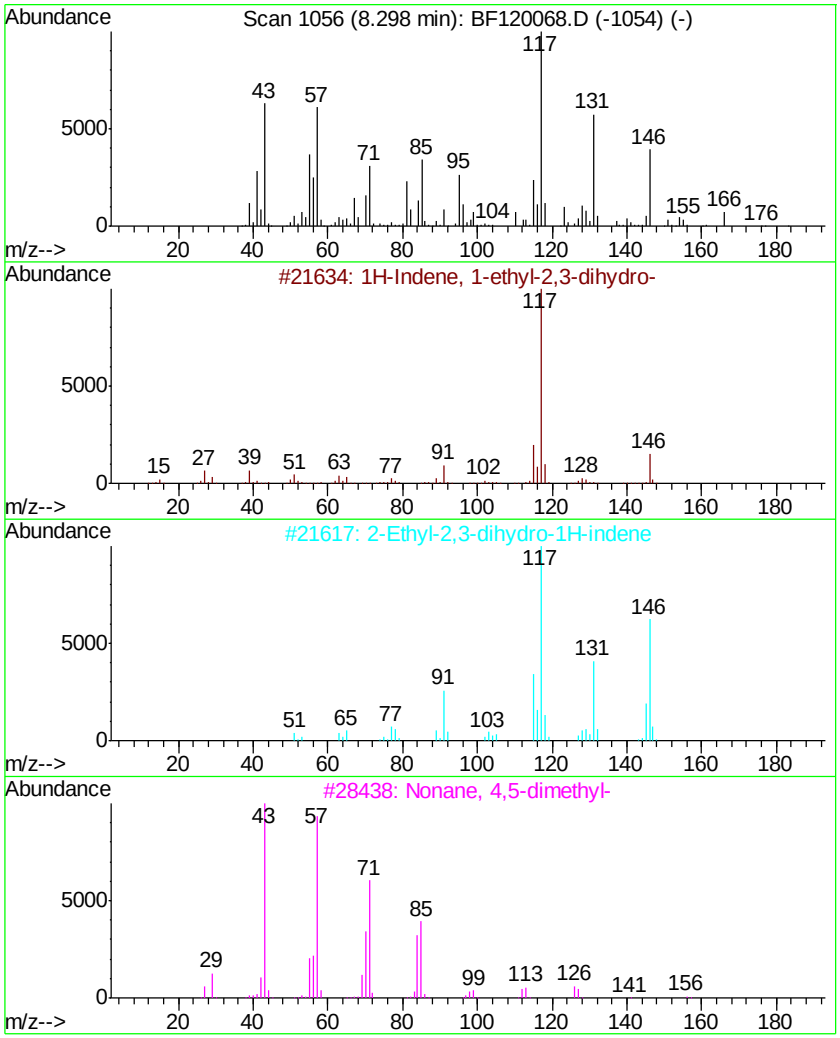
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

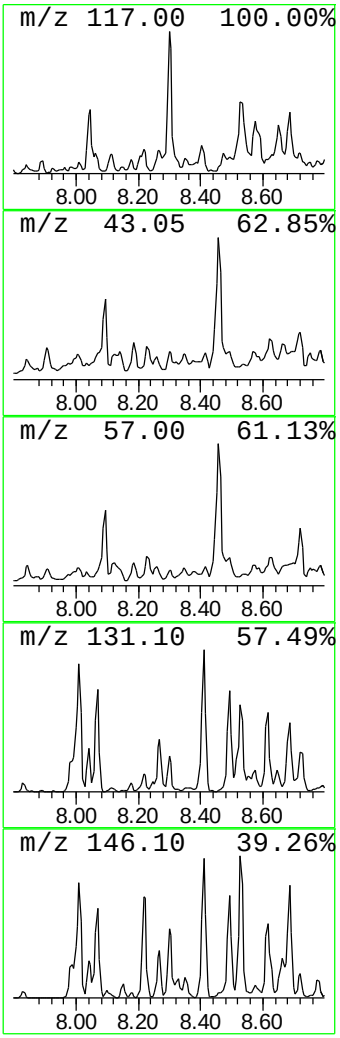
****

Peak Number 4 unknown8.30 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	21.05 ng	3287550	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	30
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	25
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	25
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	18
5	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

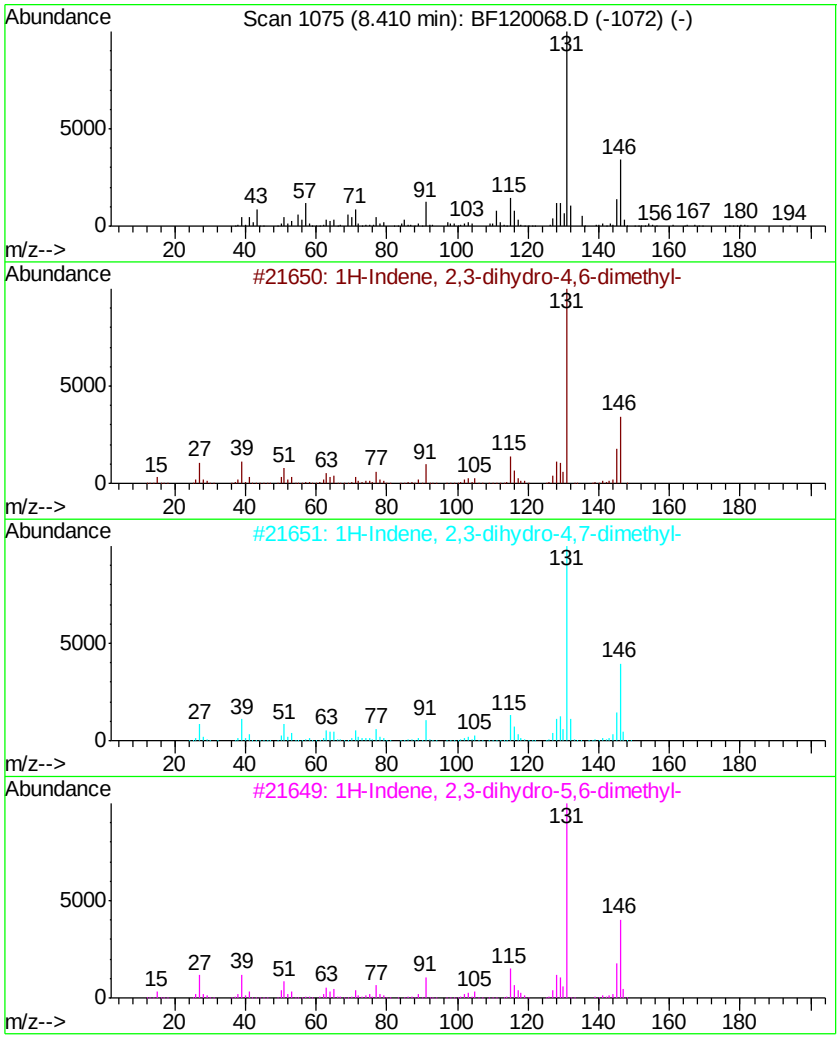
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

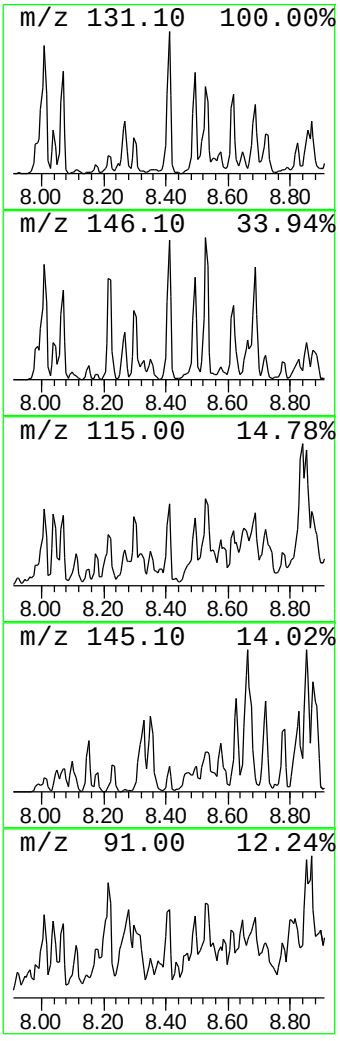
****

Peak Number 5 1H-Indene, 2,3-dihydro-4,6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	15.41 ng	2407340	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,6-dimet...	146	C11H14	001685-82-1	93
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	93
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	93
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

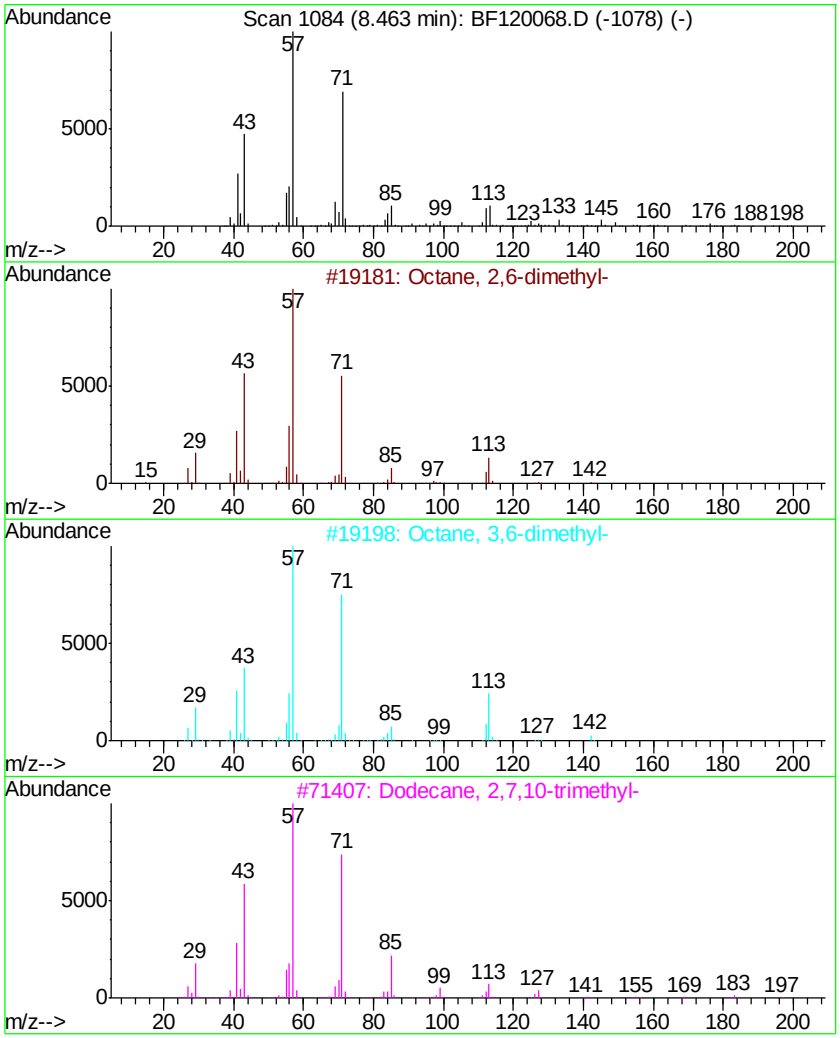
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

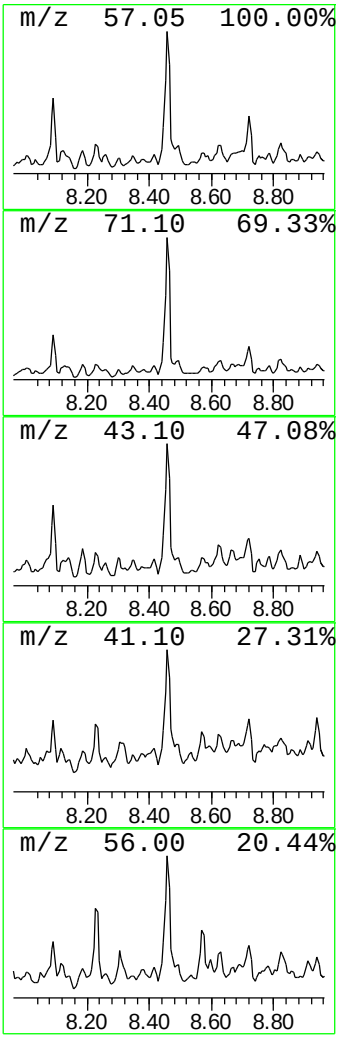
****

Peak Number 6 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	56.08 ng	8760470	Naphthalene-d8	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	72
5	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	72





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Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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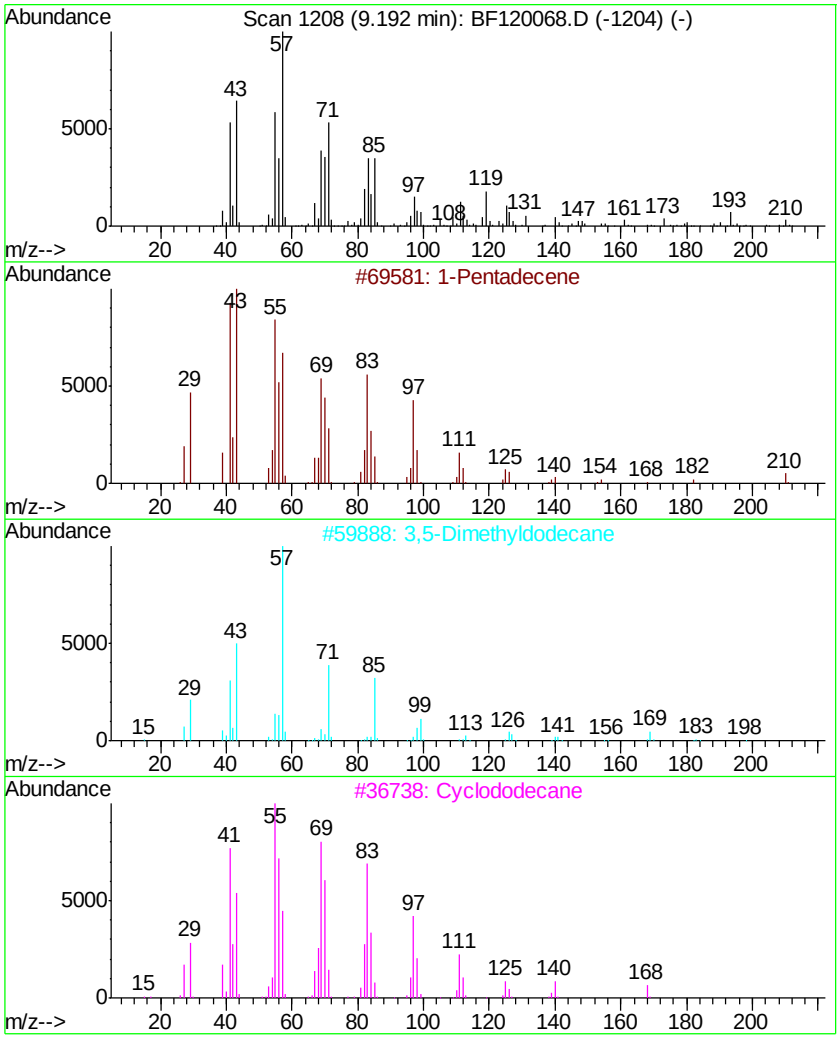
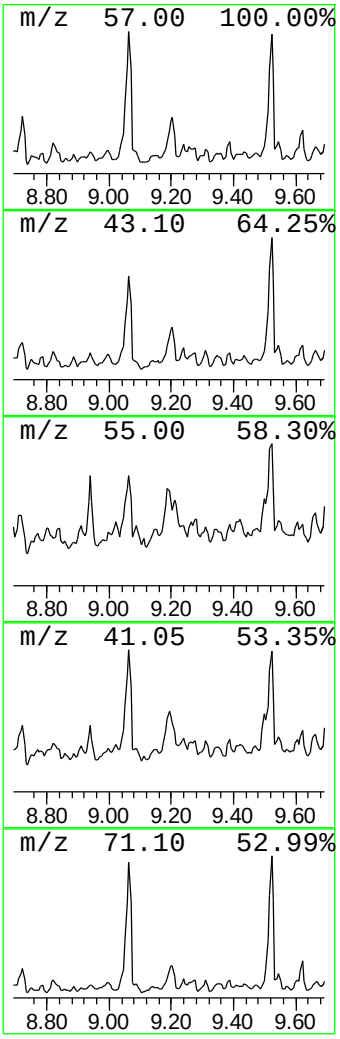
Peak Number 7 unknown9.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	25.43 ng	4642470	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	46
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	45
3	Cyclododecane	168	C12H24	000294-62-2	42
4	4-Decene	140	C10H20	019689-18-0	42
5	Ethanone, 1-(2,2-dimethylcyclope...	140	C9H16O	003664-75-3	41





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Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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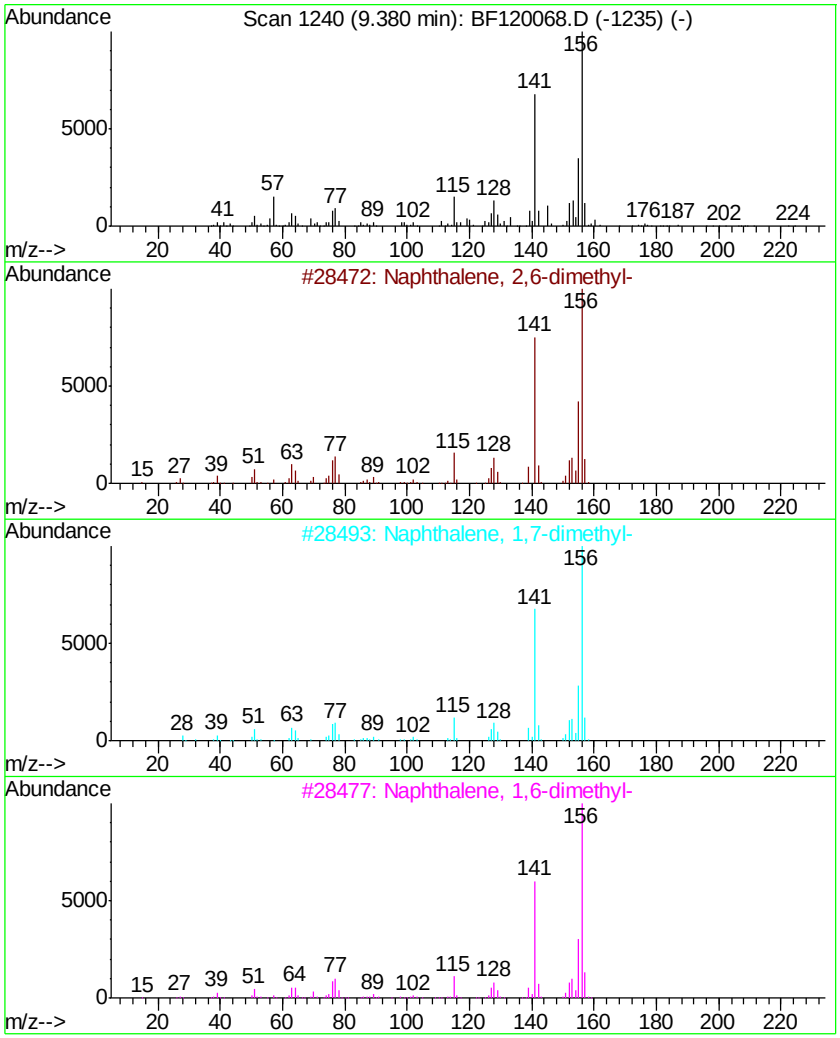
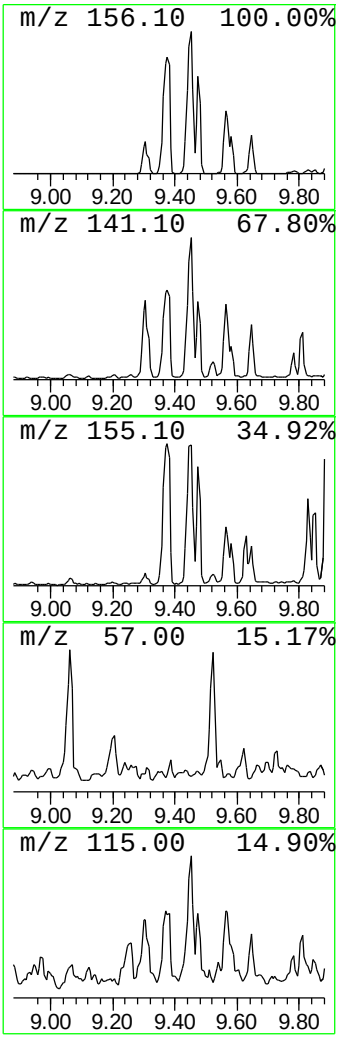
Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	26.01 ng	4747740	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

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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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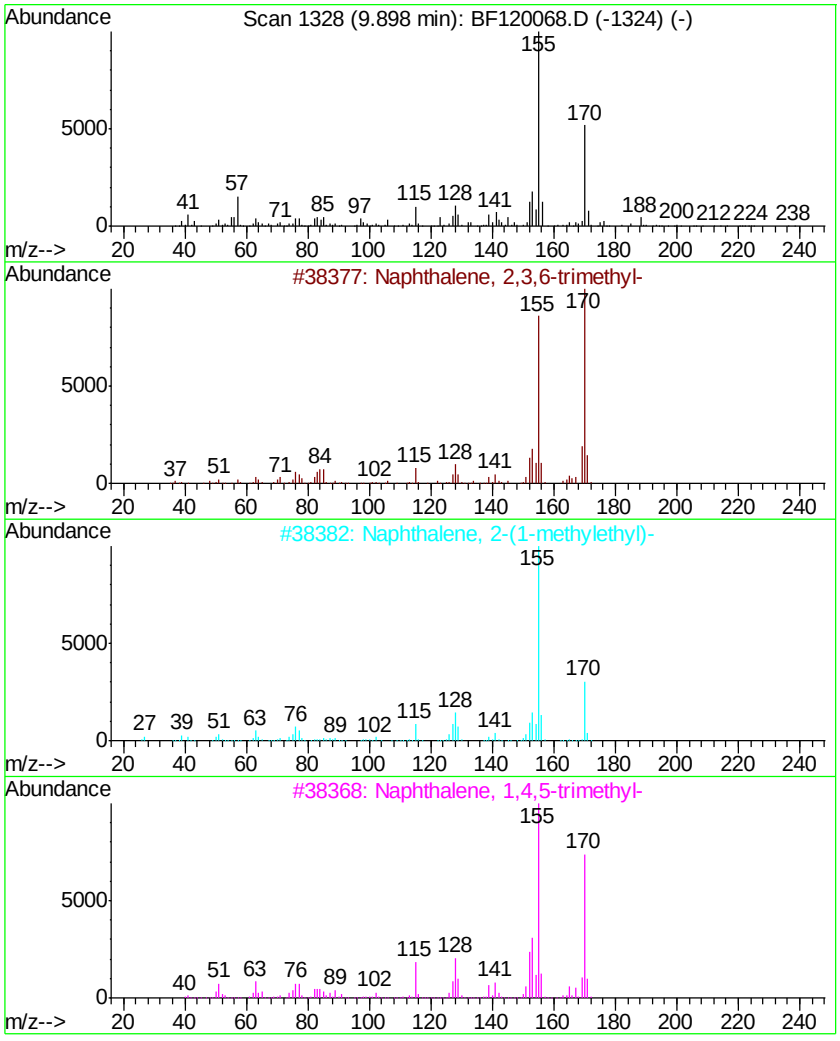
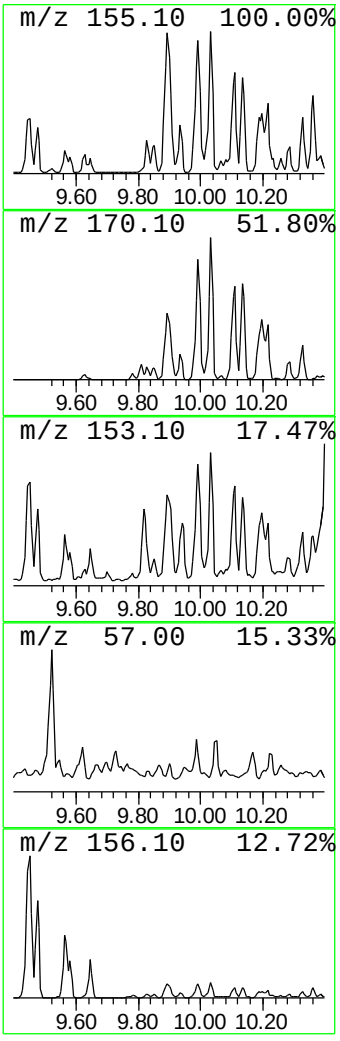
Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	19.30 ng	3523340	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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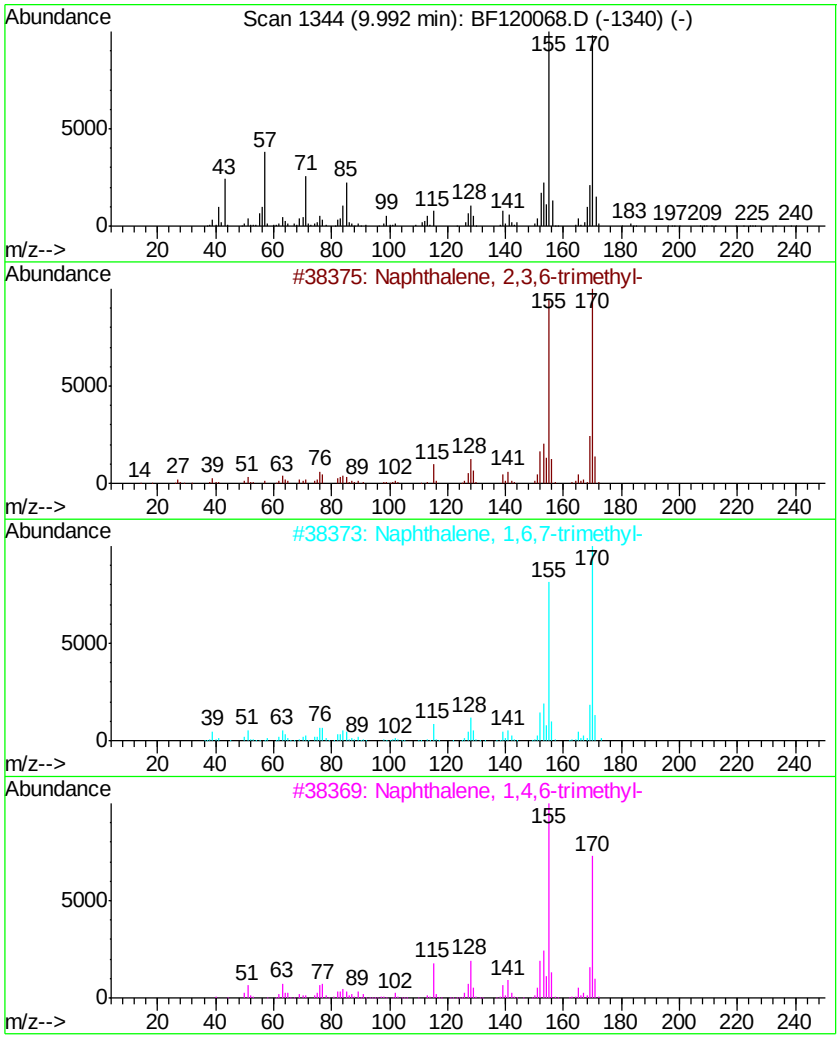
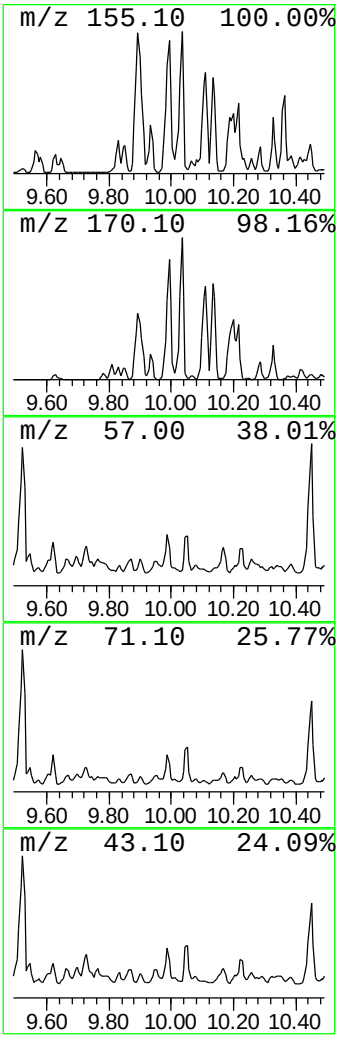
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	23.39 ng	4270320	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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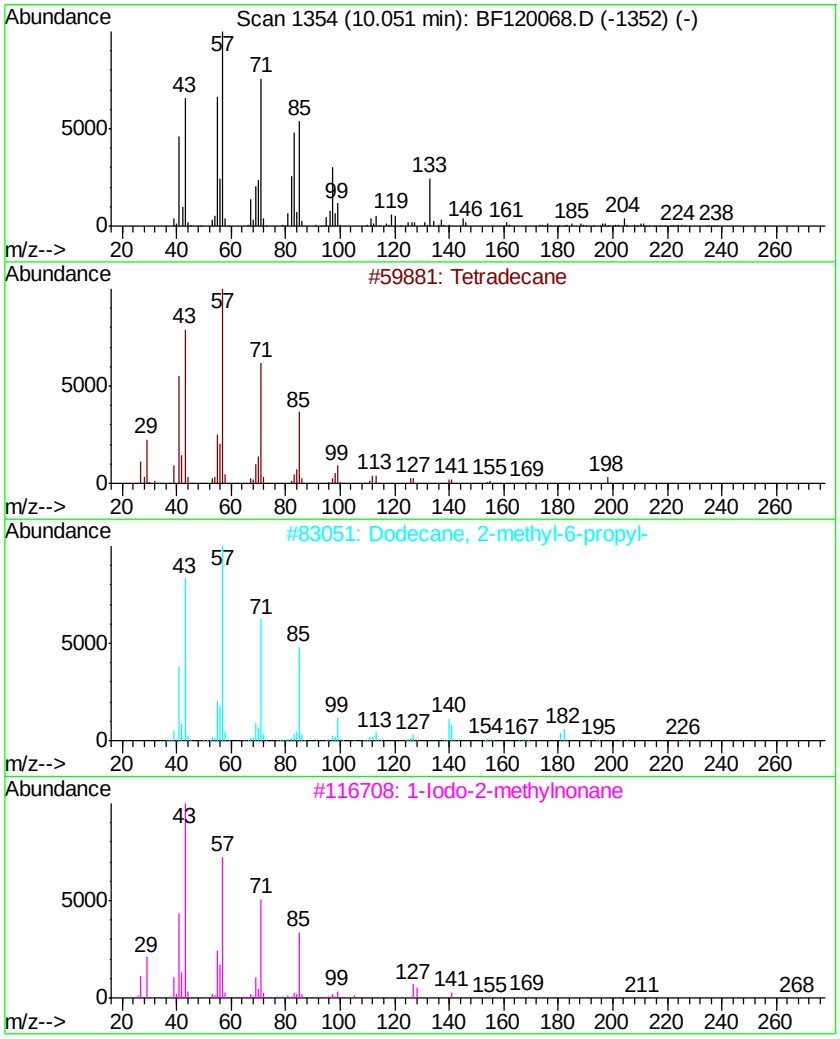
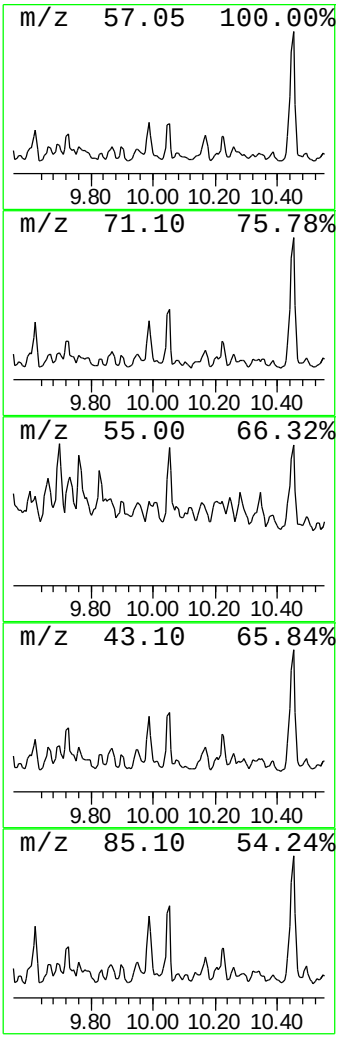
Peak Number 11 Tetradecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.05	17.95 ng	3276610	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
4	Tridecane	184	C13H28	000629-50-5	47
5	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	43





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Sample : L2245-41
Misc :
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ClientSampleId : TP-7-15

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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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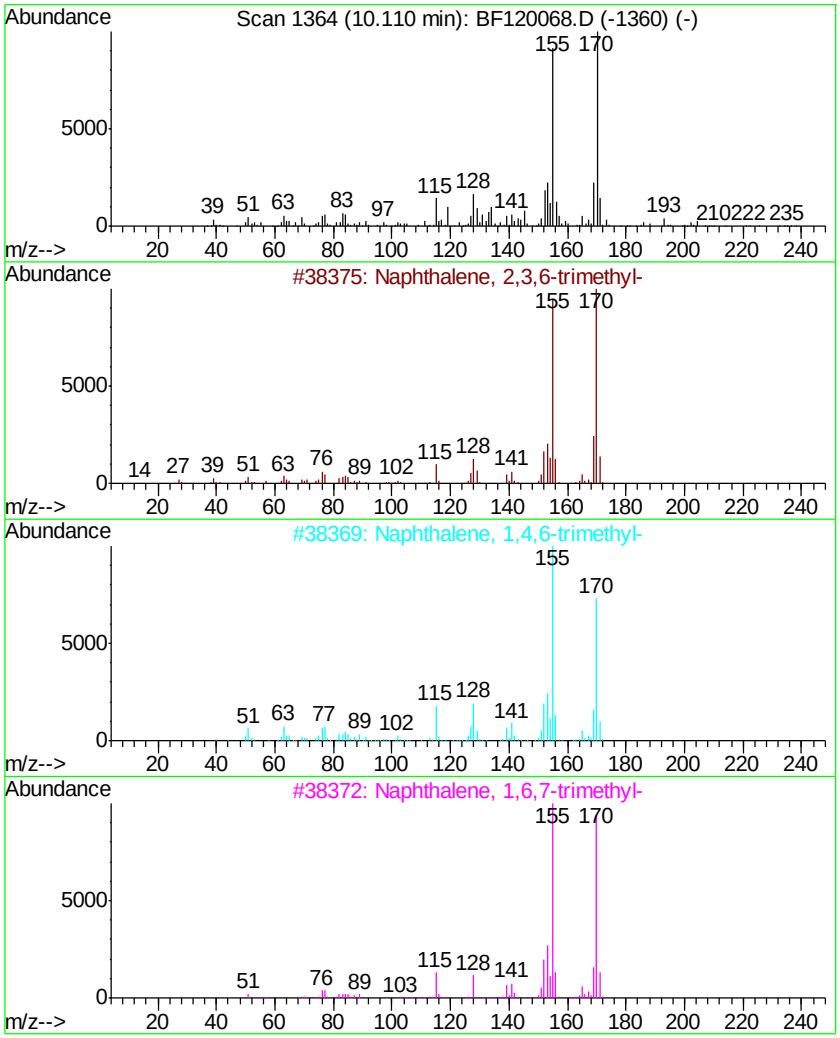
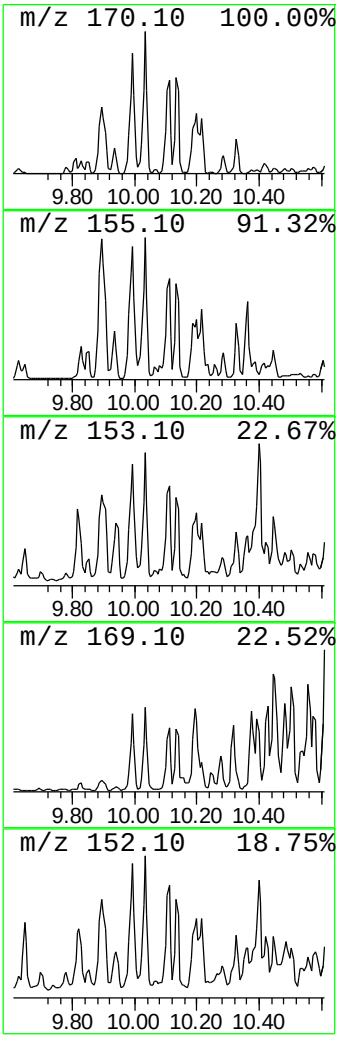
Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	15.49 ng	2828230	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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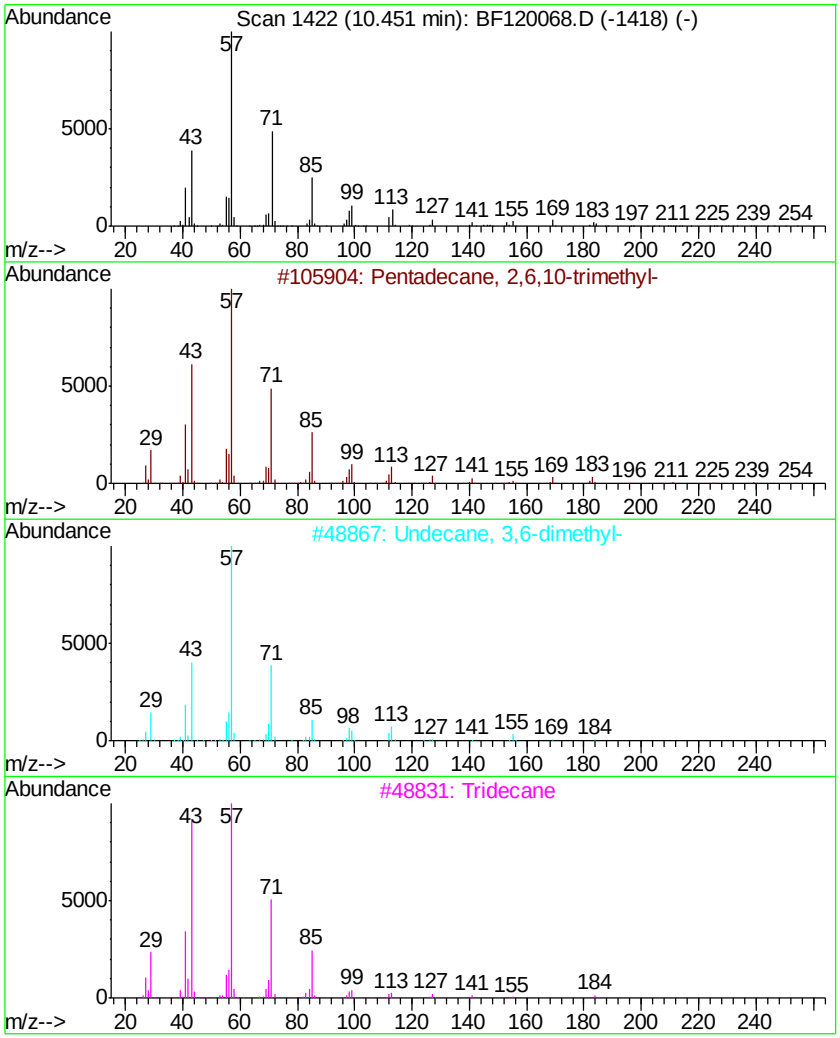
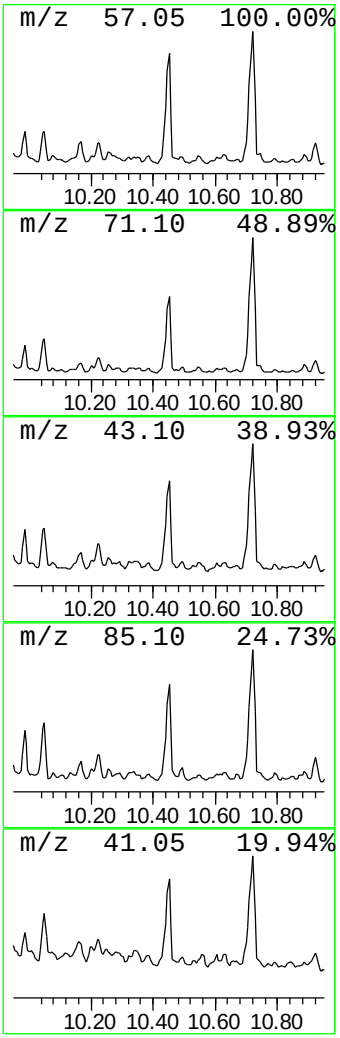
Peak Number 13 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	35.99 ng	6569100	Acenaphthene-d10	9.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	93
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3	Tridecane	184	C13H28	000629-50-5	80
4	Hexadecane	226	C16H34	000544-76-3	78
5	Heptacosane	380	C27H56	000593-49-7	72





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Misc :
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ClientSampleId : TP-7-15

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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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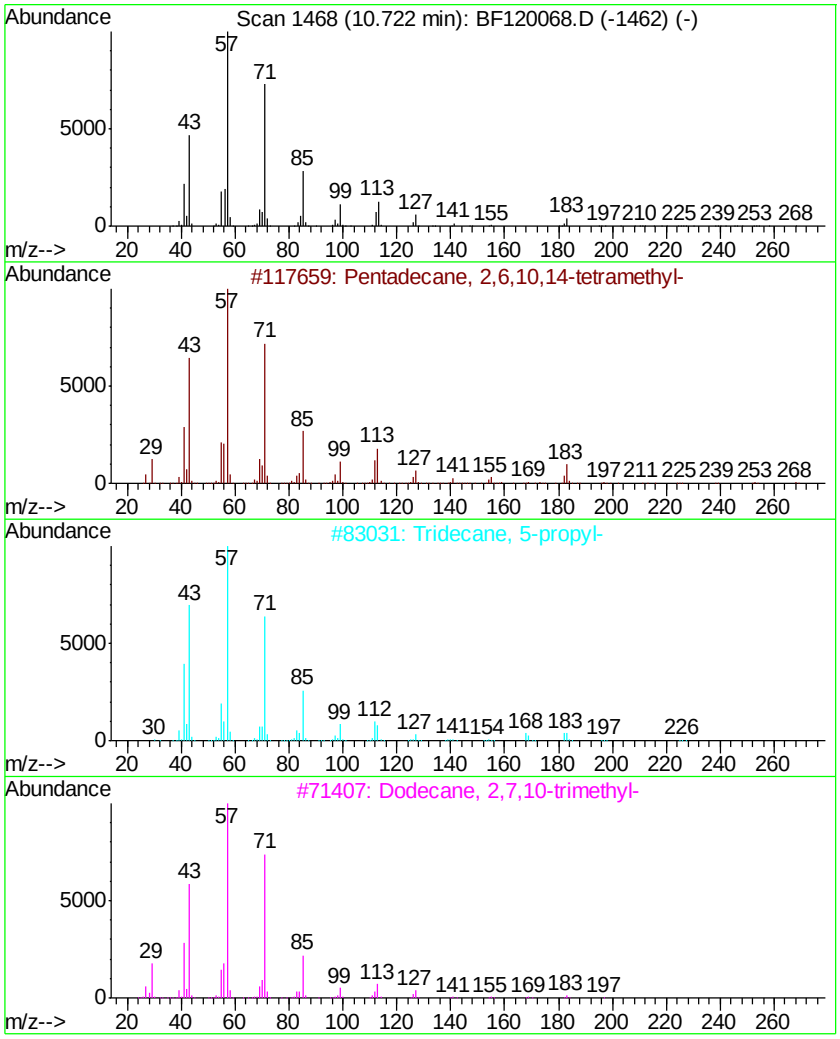
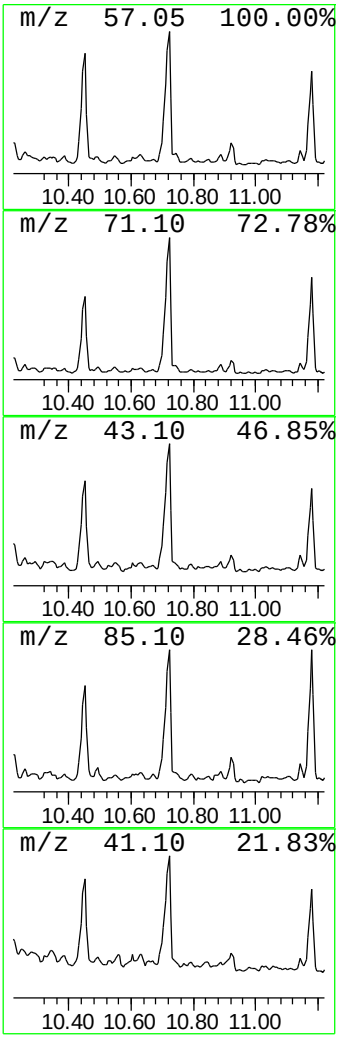
Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	166.40 ng	10423700	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53





Library Search Compound Report

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Operator : MA/SJ
Sample : L2245-41
Misc :
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Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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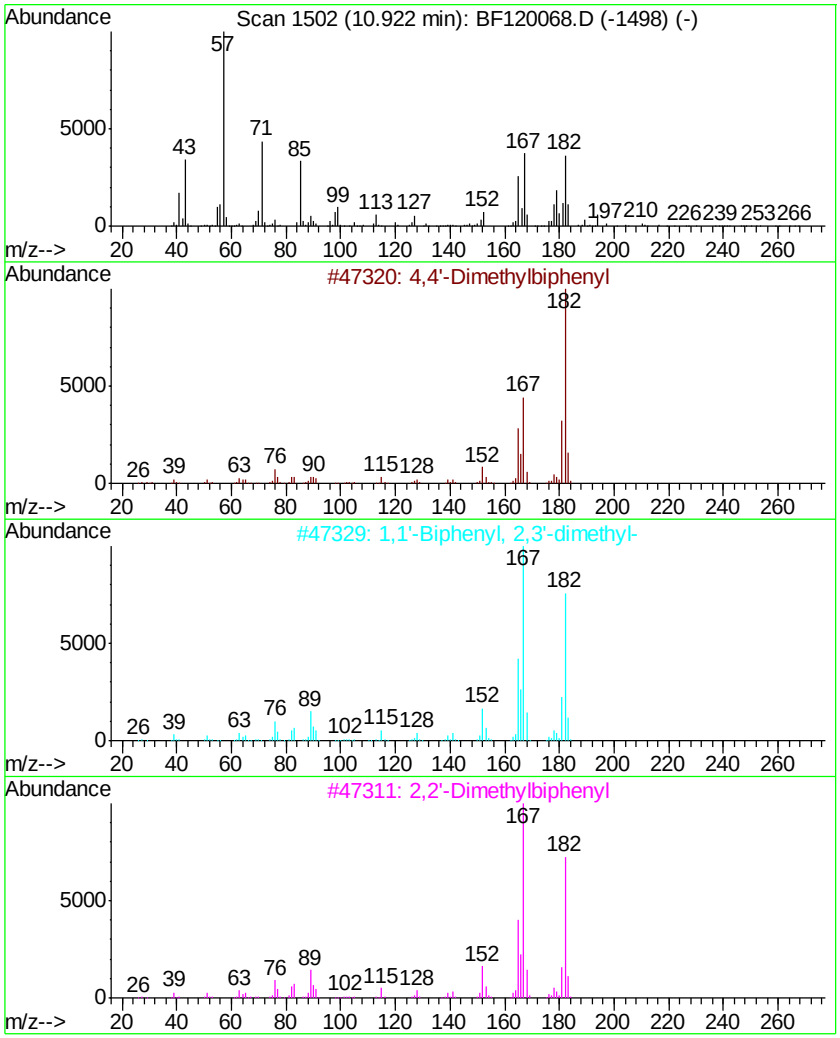
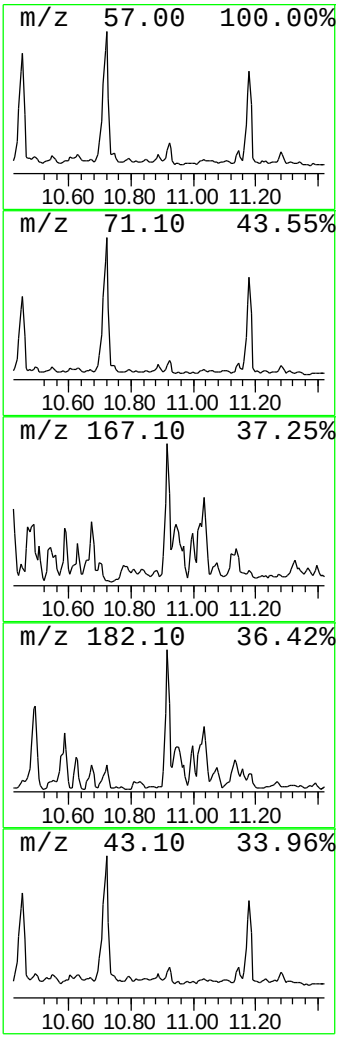
Peak Number 15 4,4'-Dimethylbiphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.92	42.92 ng	2688430	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	55
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49
4	1,1'-Biphenyl, 2,4'-dimethyl-	182	C14H14	000611-61-0	43
5	1,4-Methanonaphthalene,1,4-dihyd...	182	C14H14	007350-72-3	43





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

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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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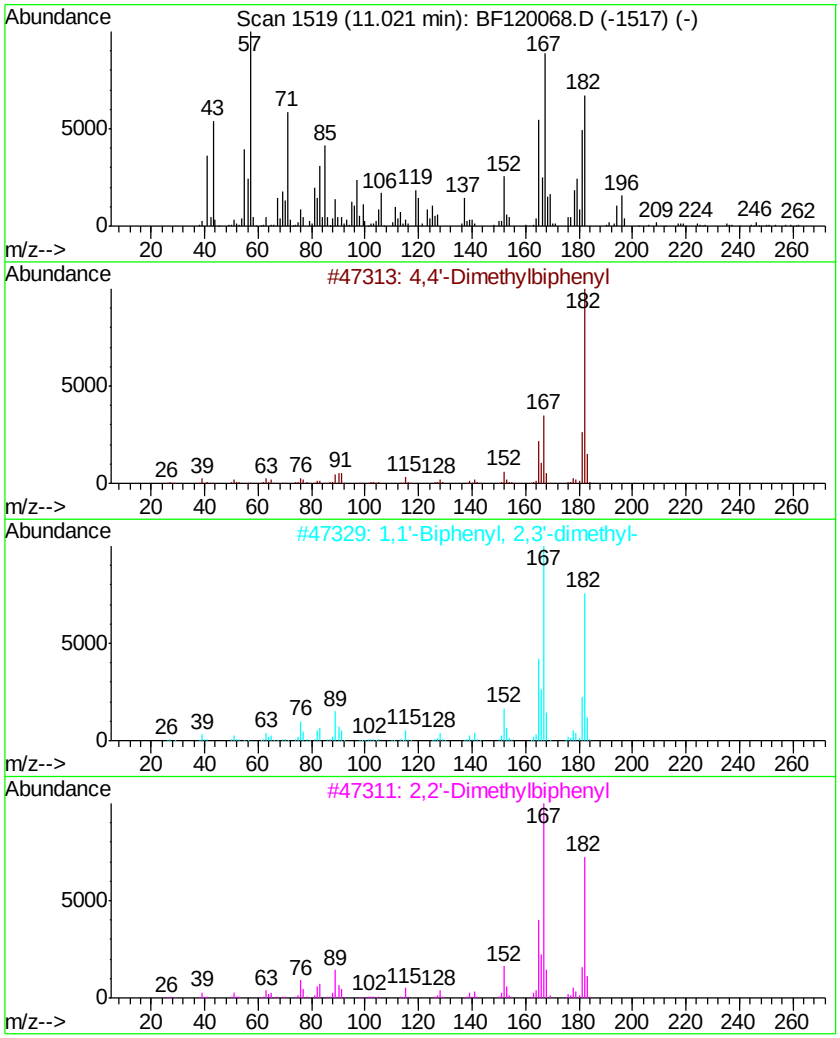
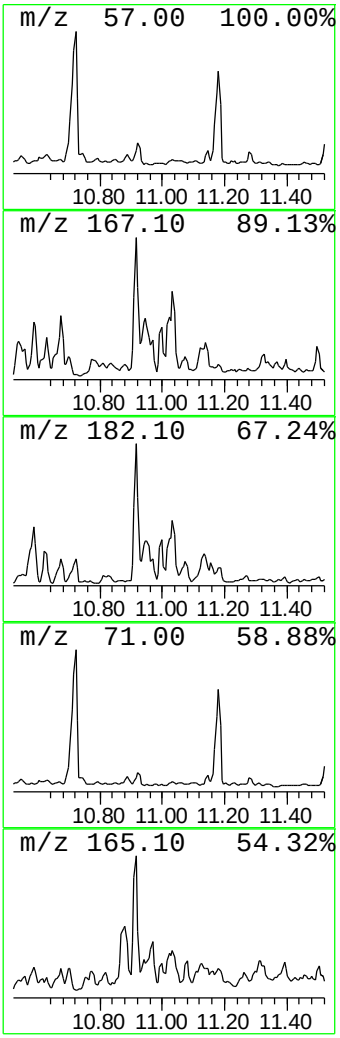
Peak Number 16 1,1'-Biphenyl, 2,3'-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	16.62 ng	1040950	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	62
2	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	55
3	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	55
4	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	49
5	Benzene, 1-methyl-4-(phenylmethyl)-	182	C14H14	000620-83-7	49





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ALS Vial : 23 Sample Multiplier: 1

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ClientSampleId : TP-7-15

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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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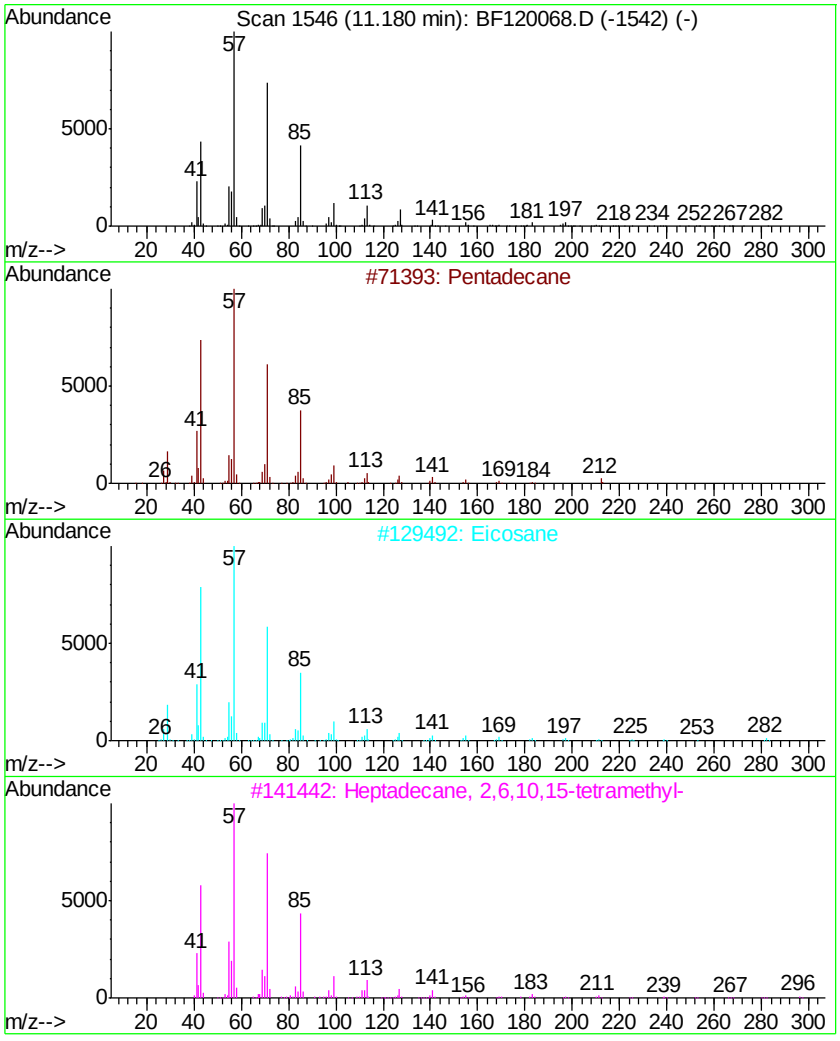
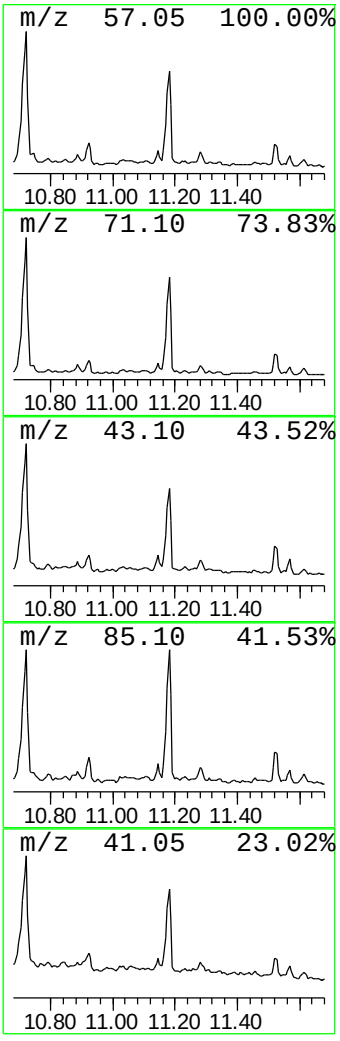
Peak Number 17 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	112.37 ng	7039350	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
4	Heptadecane	240	C17H36	000629-78-7	83
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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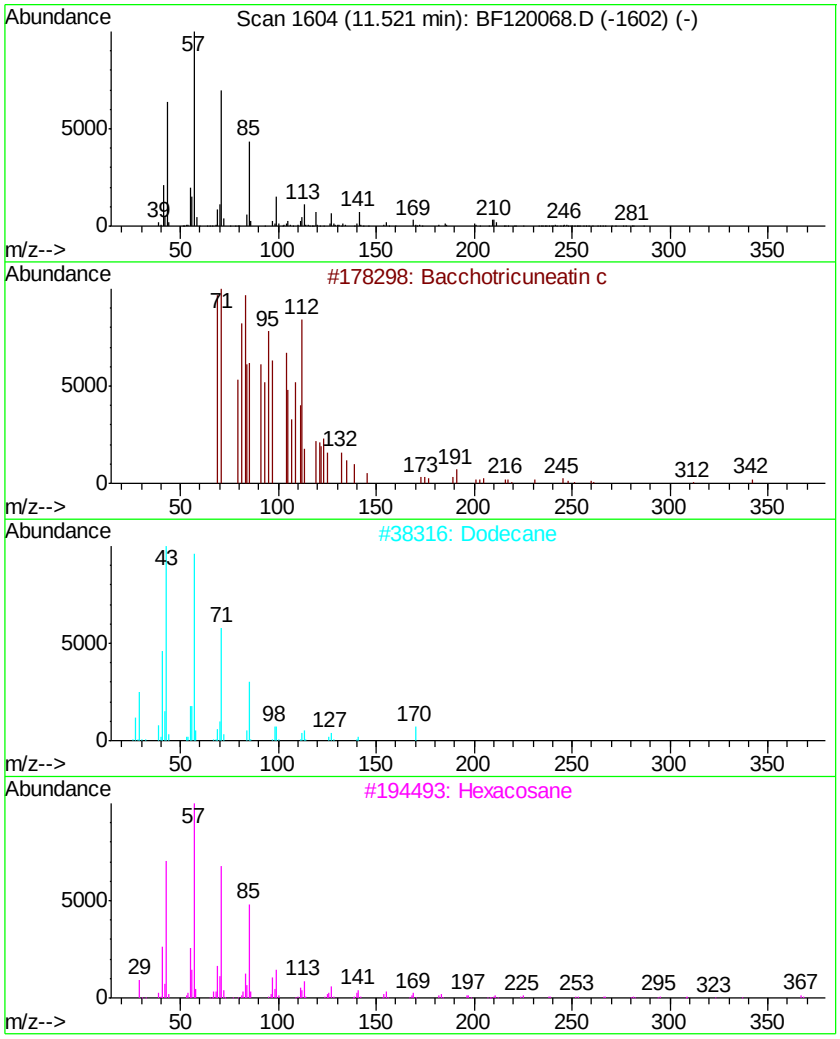
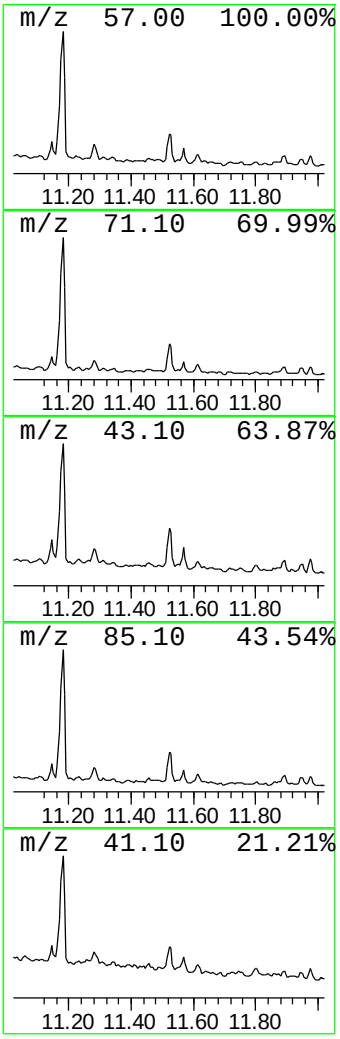
Peak Number 18 Bacchotricuneatin c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	23.71 ng	1485310	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Dodecane	170	C12H26	000112-40-3	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Octadecane	254	C18H38	000593-45-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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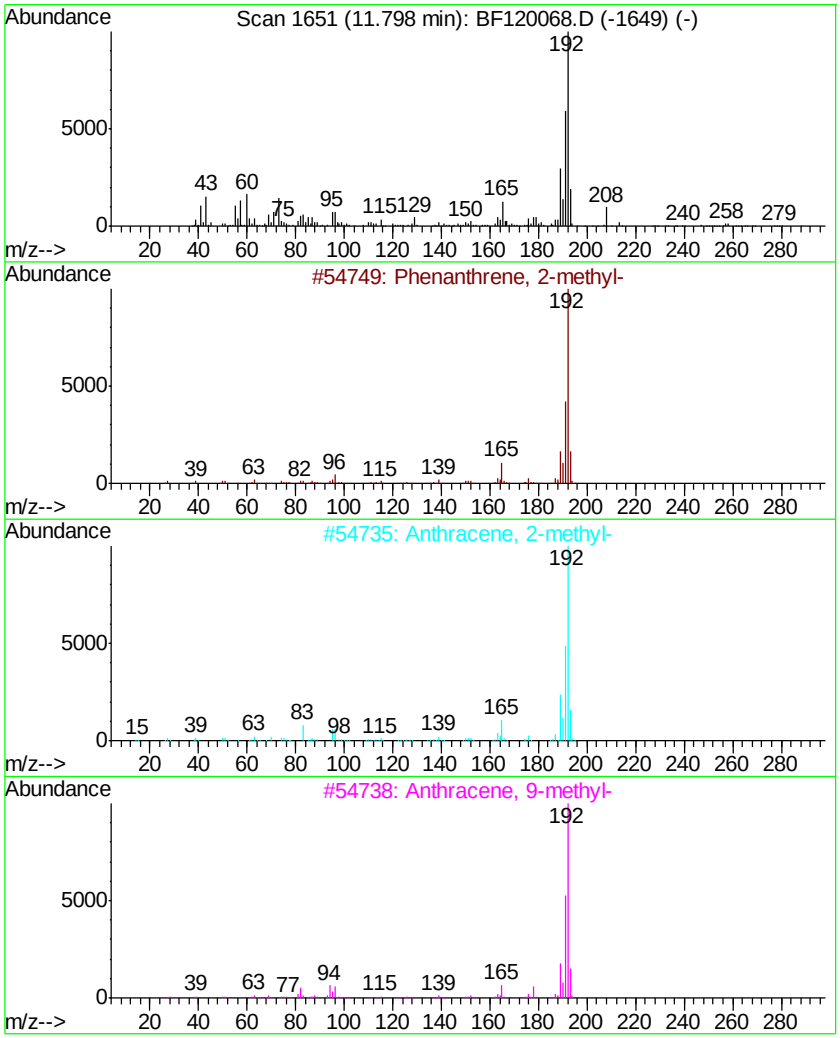
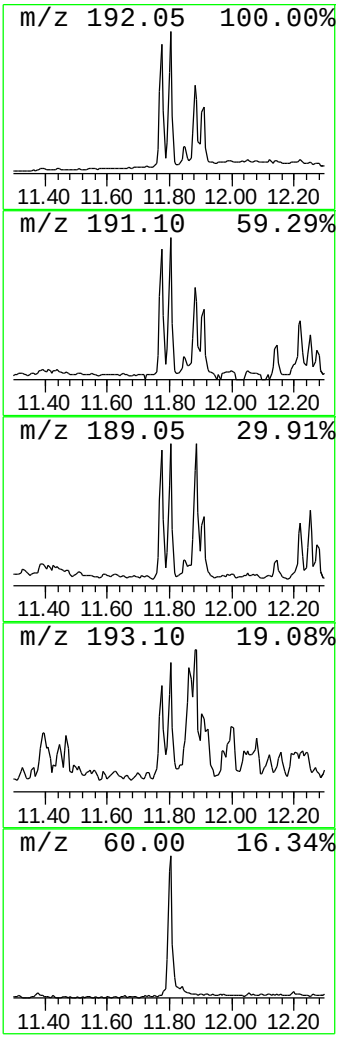
Peak Number 19 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	20.03 ng	1254750	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	92





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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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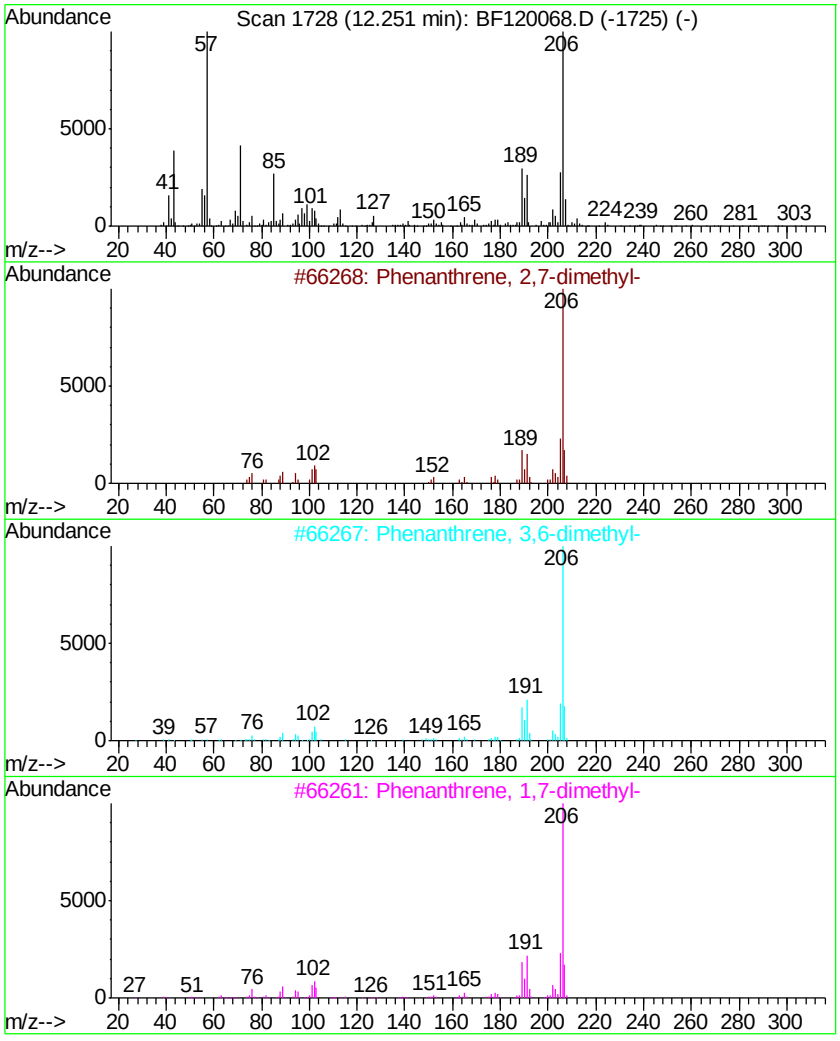
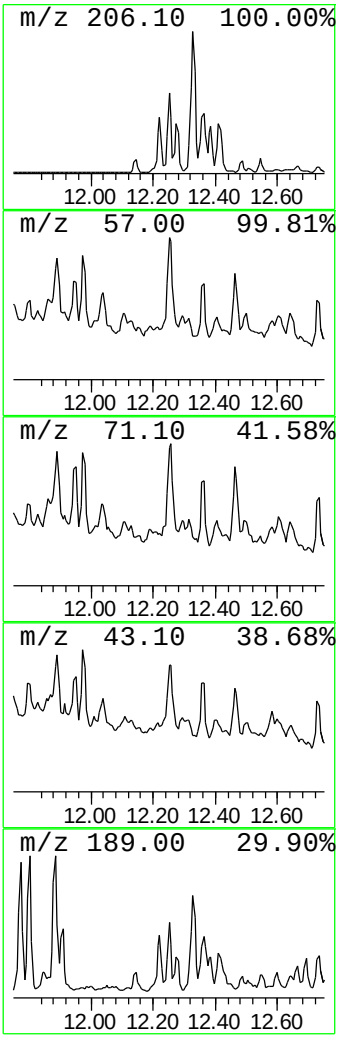
Peak Number 20 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	23.03 ng	1442890	Phenanthrene-d10	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	78
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
Data File : BF120068.D
Acq On : 17 Apr 2020 19:21
Operator : MA/SJ
Sample : L2245-41
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-7-15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Cyclohexane, 1,1-...	7.00	16.1	ng	896875	1	6.73	1111220	20.0
Cyclohexane, 2-bu...	8.23	17.5	ng	2733690	2	8.02	3124010	20.0
unknown8.30	8.30	21.1	ng	3287550	2	8.02	3124010	20.0
1H-Indene, 2,3-di...	8.41	15.4	ng	2407340	2	8.02	3124010	20.0
Octane, 2,6-dimet...	8.46	56.1	ng	8760470	2	8.02	3124010	20.0
unknown9.19	9.19	25.4	ng	4642470	3	9.79	3650880	20.0
Naphthalene, 2,6-...	9.38	26.0	ng	4747740	3	9.79	3650880	20.0
Naphthalene, 2-(1...	9.90	19.3	ng	3523340	3	9.79	3650880	20.0
Naphthalene, 2,3,...	9.99	23.4	ng	4270320	3	9.79	3650880	20.0
Tetradecane	10.05	17.9	ng	3276610	3	9.79	3650880	20.0
Naphthalene, 1,4,...	10.11	15.5	ng	2828230	3	9.79	3650880	20.0
Pentadecane, 2,6,...	10.45	36.0	ng	6569100	3	9.79	3650880	20.0
Pentadecane, 2,6,...	10.72	166.4	ng	10423700	4	11.27	1252870	20.0
4,4'-Dimethylbiph...	10.92	42.9	ng	2688430	4	11.27	1252870	20.0
1,1'-Biphenyl, 2,...	11.02	16.6	ng	1040950	4	11.27	1252870	20.0
Pentadecane	11.18	112.4	ng	7039350	4	11.27	1252870	20.0
Bacchotricuneatin c	11.52	23.7	ng	1485310	4	11.27	1252870	20.0
Phenanthrene, 2-m...	11.80	20.0	ng	1254750	4	11.27	1252870	20.0
Phenanthrene, 2,7...	12.25	23.0	ng	1442890	4	11.27	1252870	20.0