LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

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-BF052820.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	2.040	21	26	36	rVB	559769	710502	14.04%	0.438%
2	4.910	511	514	518	rVB3	485374	686108	13.56%	0.423%
3	5.063	537	540	543	rVV	490016	499992	9.88%	0.309%
4	5.140	547	553	558	rVV2	587316	1149341	22.71%	0.709%
5	5.216	562	566	569	rBV2	595995	741773	14.66%	0.458%
6	5.251	569	572	574	rBV	558942	599260	11.84%	0.370%
7	5.363	588	591	594	rVB	1162030	1057933	20.91%	0.653%
8	5.434	600	603	606	rVB	2160340	1865916	36.88%	1.151%
9	6.069	705	711	713	rBV2	580587	691688	13.67%	0.427%
10	6.257	738	743	745	rBV3	489868	609586	12.05%	0.376%
11	6.351	756	759	761	rBV	697560	685906	13.56%	0.423%
12	6.457	772	777	781	rVB	2194310	2322505	45.90%	1.433%
13	6.563	790	795	799	rBV4	326661	613100	12.12%	0.378%
14	6.816	834	838	840	rBV	1347004	1415936	27.98%	0.874%
15	6.975	861	865	867	rVV2	2490369	2561896	50.63%	1.581%
16	6.998	867	869	872	rVB	1039309	846171	16.72%	0.522%
17	7.069	879	881	883	rVV	660452	513828	10.15%	0.317%
18	7.098	883	886	888	rVB	976566	931374	18.41%	0.575%
19	7.128	888	891	895	rBV2	702661	1010496	19.97%	0.624%
20	7.163	895	897	900	rVB2	528761	508386	10.05%	0.314%
21	7.210	901	905	909	rBV2	1209604	1435022	28.36%	0.885%
22	7.357	923	930	932	rBV2	3085929	3472097	68.62%	2.142%
23	7.381	932	934	939	rVB3	1751297	2393722	47.31%	1.477%
24	7.469	944	949	952	rVB4	1295095	1887918	37.31%	1.165%
25	7.528	952	959	963	rBV4	946882	2137162	42.24%	1.319%
26	7.592	964	970	974	rBV2	1727981	2561699	50.63%	1.581%
27	7.628	974	976	979	rVB2	1135150	932292	18.43%	0.575%
28	7.704	985	989	991	rBV2	949832	1183115	23.38%	0.730%
29	7.728	991	993	994	rVV2	709787	550715	10.88%	0.340%
30	7.745	994	996	999	rVV3	1172487	1189407	23.51%	0.734%
31	7.775	999	1001	1006	rVB3	1365188	2033805	40.19%	1.255%
32	7.822	1006	1009	1010	rBV2	983569	741473	14.65%	0.458%
33	7.845	1010	1013	1015	rVB2	2168573	1753466	34.65%	1.082%
34	7.922	1024	1026	1031	rVB3	1063085	1082927	21.40%	0.668%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.975	1032	1035	1039	rBV2	1312597	1344416	26.57%	0.830%
36	8.063	1045	1050	1052	rBV5	1092198	1942604	38.39%	1.199%
37	8.098	1052	1056	1059	rVV2	2448130	4167305	82.36%	2.571%
38	8.151	1063	1065	1066	rVV	1441654	1234716	24.40%	0.762%
39	8.169	1066	1068	1070	rVV	2785195	2231544	44.10%	1.377%
40	8.192	1070	1072	1075	rVV3	1116221	951946	18.81%	0.587%
41	8.263	1080	1084	1085	rBV3	714133	815165	16.11%	0.503%
42	8.310	1089	1092	1095	rVB4	755371	834256	16.49%	0.515%
43	8.398	1102	1107	1110	rBV4	1721275	2200684	43.49%	1.358%
44	8.451	1114	1116	1119	rVB3	803887	746811	14.76%	0.461%
45	8.492	1119	1123	1125	rBV	1745745	1507011	29.78%	0.930%
46	8.534	1125	1130	1132	rBV	3379137	3436329	67.91%	2.120%
47	8.575	1134	1137	1139	rVB2	1703892	1692490	33.45%	1.044%
48	8.610	1140	1143	1146	rBV2	1545080	1484012	29.33%	0.916%
49	8.651	1146	1150	1152	rBV4	742588	1010808	19.98%	0.624%
50	8.698	1155	1158	1161	rBV3	1154366	1610595	31.83%	0.994%
51	8.798	1171	1175	1178	rVB4	1933353	2352959	46.50%	1.452%
52	8.857	1182	1185	1187	rVV4	1156941	977674	19.32%	0.603%
53	8.886	1187	1190	1192	rVV3	721173	944162	18.66%	0.583%
54	8.922	1192	1196	1199	rVV2	3596368	4723193	93.35%	2.914%
55	8.951	1199	1201	1204	rVV2	810078	780224	15.42%	0.481%
56	8.986	1204	1207	1209	rVV4	684038	912001	18.02%	0.563%
57	9.016	1209	1212	1216	rVV5	1406388	1607145	31.76%	0.992%
58	9.051	1216	1218	1220	rVV2	604545	630562	12.46%	0.389%
59	9.104	1224	1227	1228	rVV	828972	676381	13.37%	0.417%
60	9.133	1228	1232	1235	rVV	3017768	2985242	59.00%	1.842%
61	9.181	1236	1240	1242	rVV	2563963	2285578	45.17%	1.410%
62	9.263	1251	1254	1259	rBV4	1754325	2462885	48.67%	1.520%
63	9.310	1259	1262	1263	rBV2	790599	809508	16.00%	0.500%
64	9.333	1264	1266	1268	rVB2	916769	774178	15.30%	0.478%
65	9.457	1282	1287	1290	rVB	2983990	3358505	66.38%	2.072%
66	9.528	1295	1299	1302	rVV	3558932	5059857	100.00%	3.122%
67	9.557	1302	1304	1306	rVV	2861688	2614849	51.68%	1.614%
68	9.581	1306	1308	1312	rVB4	4239798	4802348	94.91%	2.963%
69	9.639	1315	1318	1320	rBV2	1976522	2023447	39.99%	1.249%
70	9.728	1330	1333	1336	rBV2	2205016	2657540	52.52%	1.640%
71	9.775	1338	1341	1344	rVB	3027357	3062016	60.52%	1.889%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
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Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

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-BF052820.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	9.810	1344	1347	1349	rBV3	727530	749975	14.82%	0.463%
73	9.863	1349	1356	1358	rVB5	1973168	3408581	67.37%	2.103%
74	9.898	1359	1362	1365	rBV5	1330671	1555743	30.75%	0.960%
75	9.969	1371	1374	1378	rVB	2041151	2508756	49.58%	1.548%
76	10.010	1378	1381	1385	rBV4	763708	893862	17.67%	0.552%
77	10.069	1386	1391	1394	rVV2	2648695	3256491	64.36%	2.009%
78	10.110	1394	1398	1403	rVV3	2473458	2775455	54.85%	1.713%
79	10.180	1407	1410	1412	rBV	2559296	2623172	51.84%	1.619%
80	10.210	1412	1415	1417	rVB	2101139	1807277	35.72%	1.115%
81	10.233	1417	1419	1421	rVB2	793251	605747	11.97%	0.374%
82	10.275	1421	1426	1430	rVB4	2149690	3260121	64.43%	2.012%
83	10.322	1432	1434	1436	rBV2	481461	489179	9.67%	0.302%
84	10.404	1445	1448	1450	rBV2	860226	747952	14.78%	0.462%
85	10.498	1462	1464	1465	rVV2	559128	522664	10.33%	0.323%
86	10.516	1465	1467	1470	rVB2	2042217	1817804	35.93%	1.122%
87	10.651	1488	1490	1493	rVB3	1262832	995555	19.68%	0.614%
88	10.780	1508	1512	1518	rVB2	3387177	4020099	79.45%	2.481%
89	10.851	1521	1524	1526	rBV2	671117	629916	12.45%	0.389%
90	10.986	1544	1547	1550	rBV4	1119564	1204095	23.80%	0.743%
91	11.092	1562	1565	1567	rBV3	626451	693776	13.71%	0.428%
92	11.245	1588	1591	1596	rVB	1816738	1956845	38.67%	1.207%
93	11.345	1605	1608	1610	rBV	1463218	1359748	26.87%	0.839%
94	11.369	1610	1612	1616	rVB	671627	577833	11.42%	0.357%
95	11.874	1696	1698	1702	rVB	619213	522518	10.33%	0.322%
96	12.327	1772	1775	1781	rVB3	772837	1084729	21.44%	0.669%
97	12.398	1785	1787	1790	rVB	577323	520255	10.28%	0.321%
98	12.927	1874	1877	1880	rBV	1687306	1759214	34.77%	1.086%
99	13.986	2055	2057	2066	rVB	1105433	1178445	23.29%	0.727%
100	16.574	2494	2497	2506	rVB	855104	1446349	28.58%	0.892%

Sum of corrected areas: 162059619

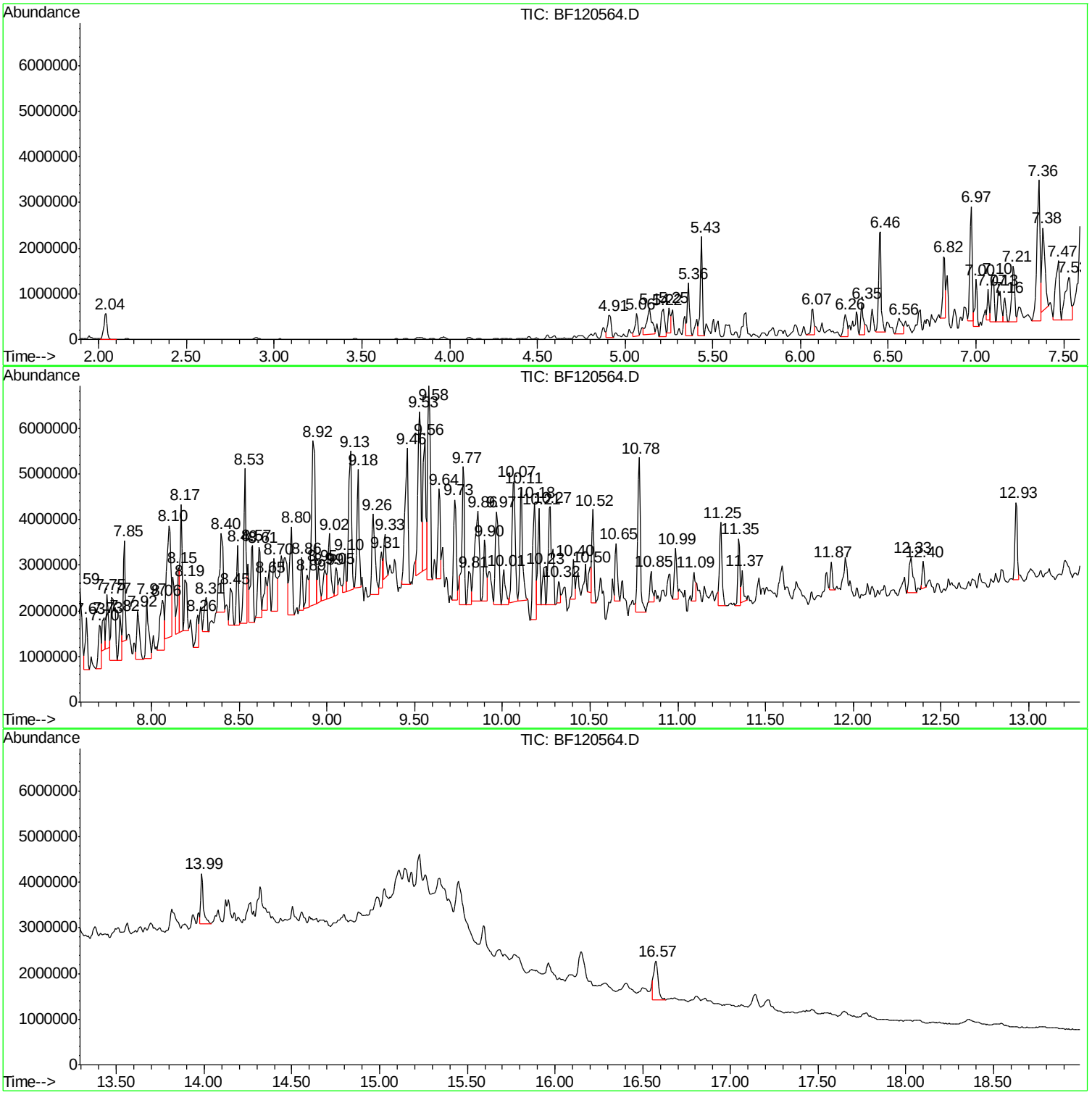
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

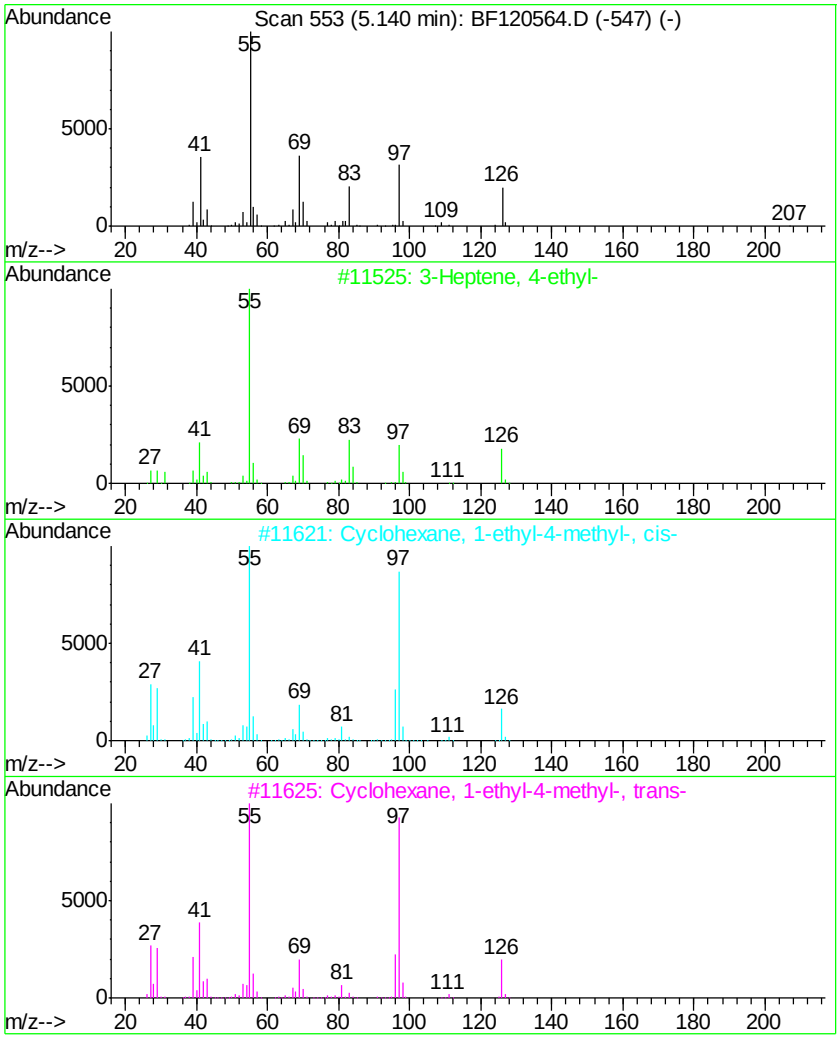
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

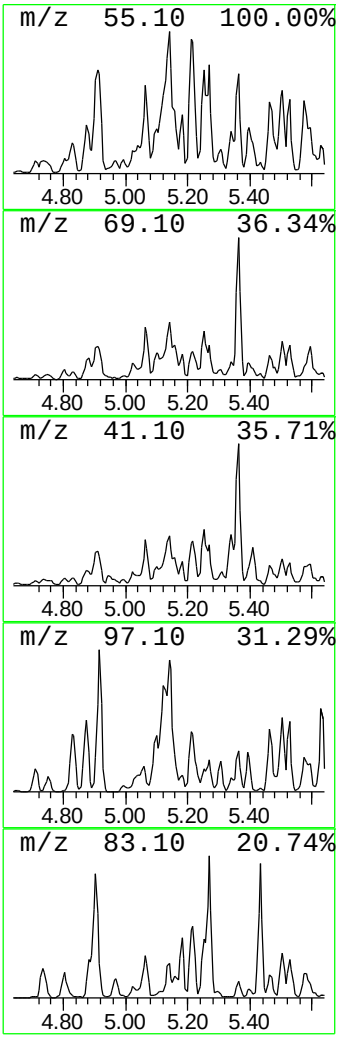
****

Peak Number 1 3-Heptene, 4-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	16.23 ng	1149340	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 4-ethyl-	126	C9H18	033933-74-3	72
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	47
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	47
4	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43
5	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

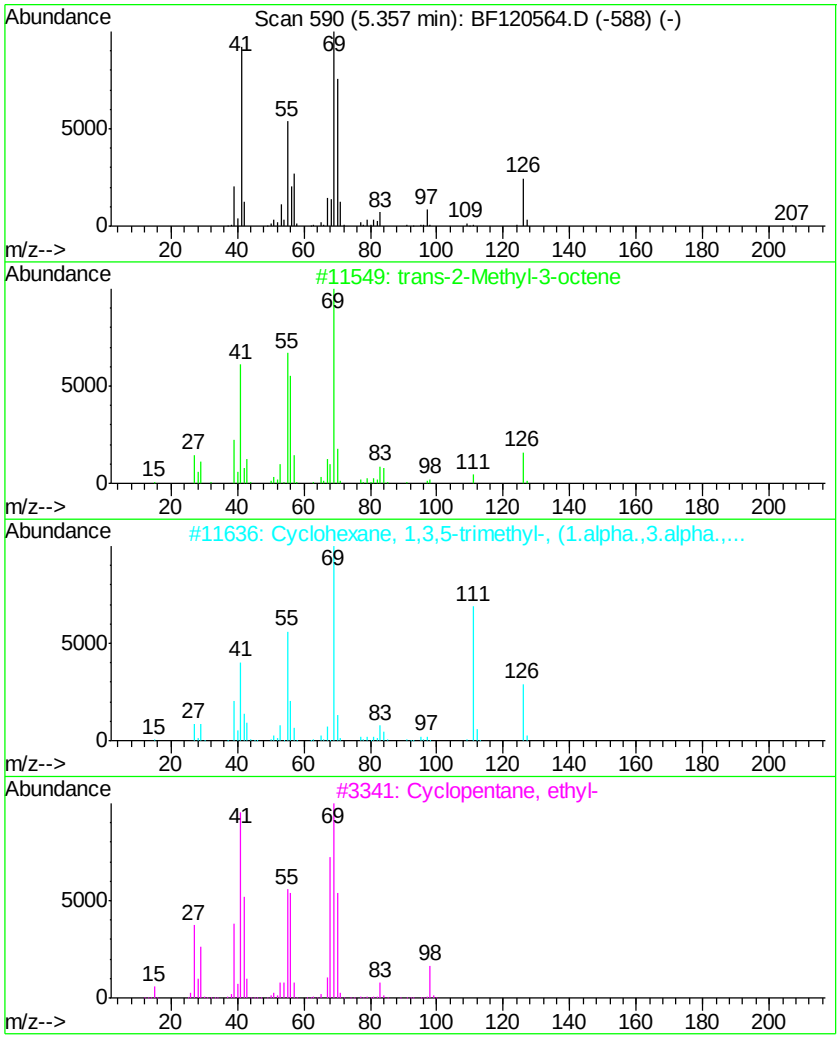
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

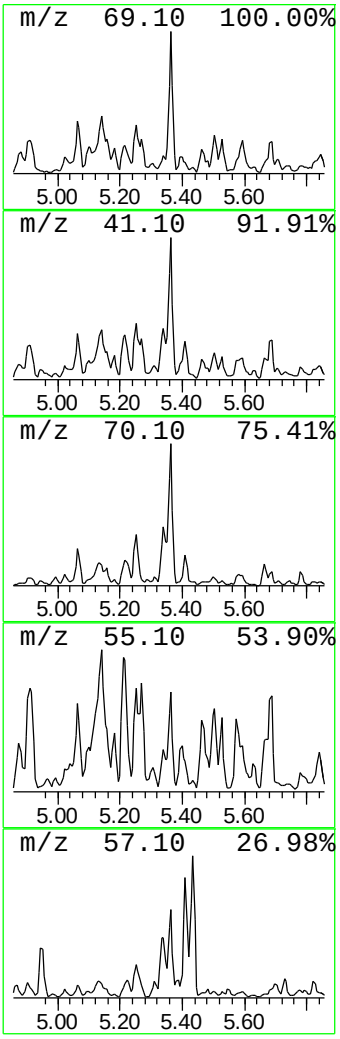
****

Peak Number 2 trans-2-Methyl-3-octene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	14.94 ng	1057930	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-2-Methyl-3-octene	126	C9H18	052937-36-7	59
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	52
3	Cyclopentane, ethyl-	98	C7H14	001640-89-7	50
4	2,6-Octadiene, 4,5-dimethyl-	138	C10H18	018476-57-8	43
5	Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

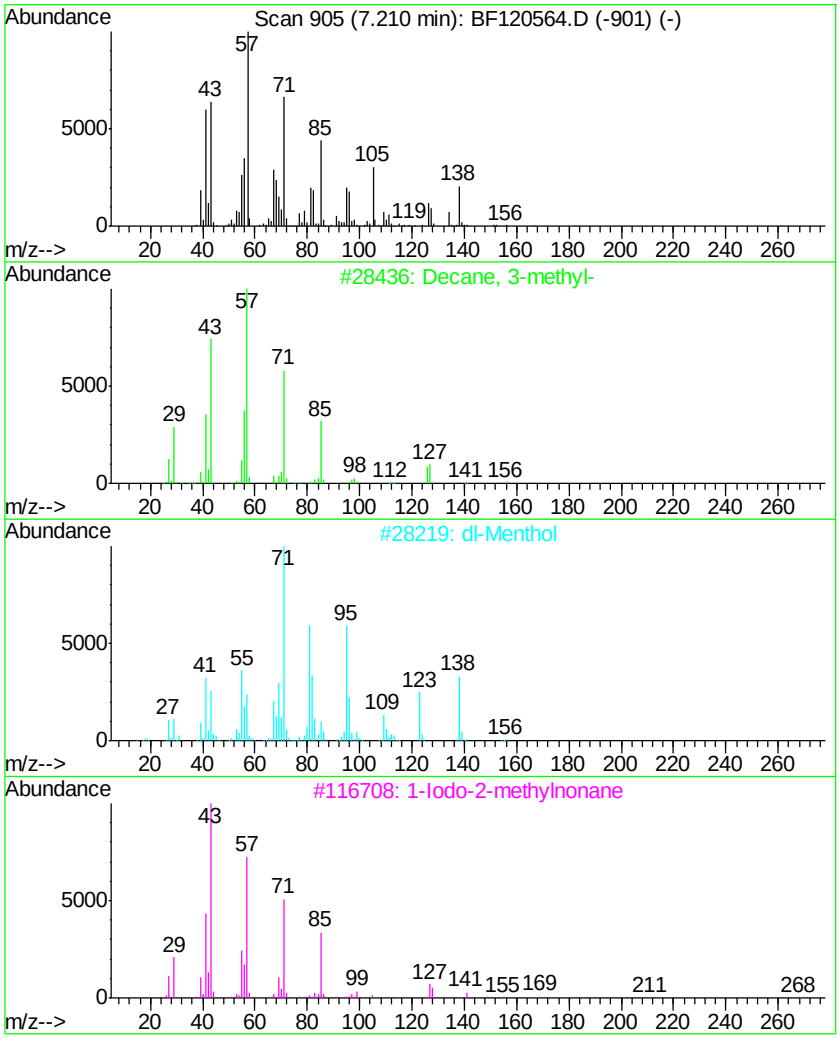
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

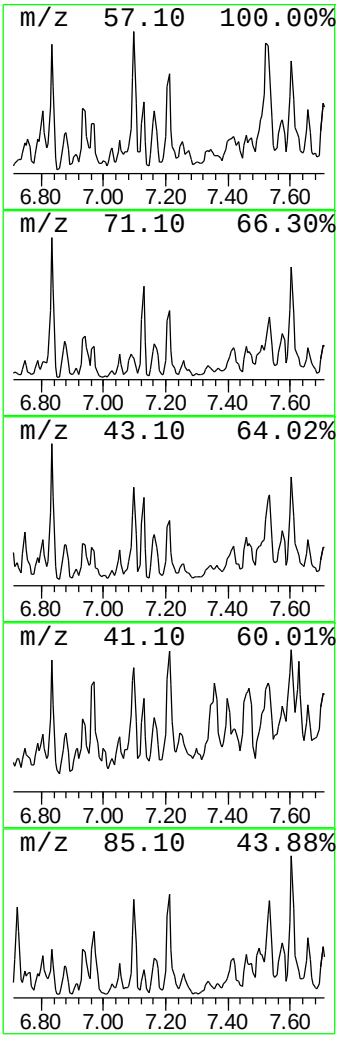
****

Peak Number 4 unknown7.21 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	20.27 ng	1435020	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2	dl-Menthol	156	C10H20O	000089-78-1	35
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	27
4	Hexadecane	226	C16H34	000544-76-3	27
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

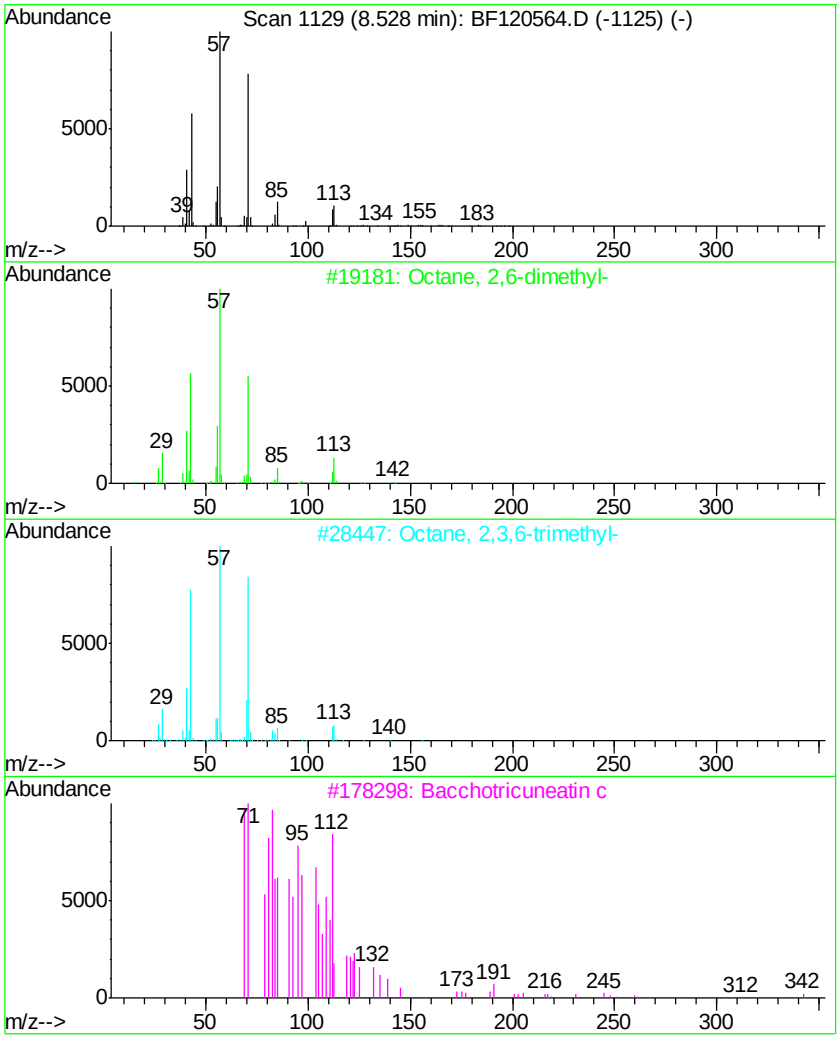
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

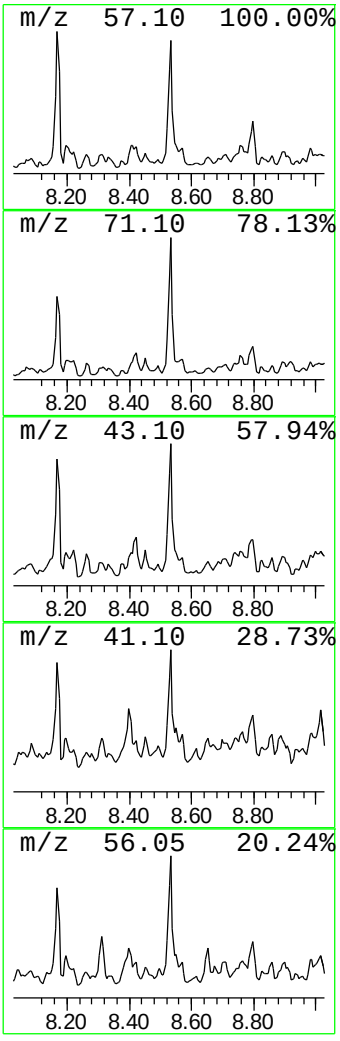
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	16.49 ng	3436330	Naphthalene-d8	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	72
4	Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	72
5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

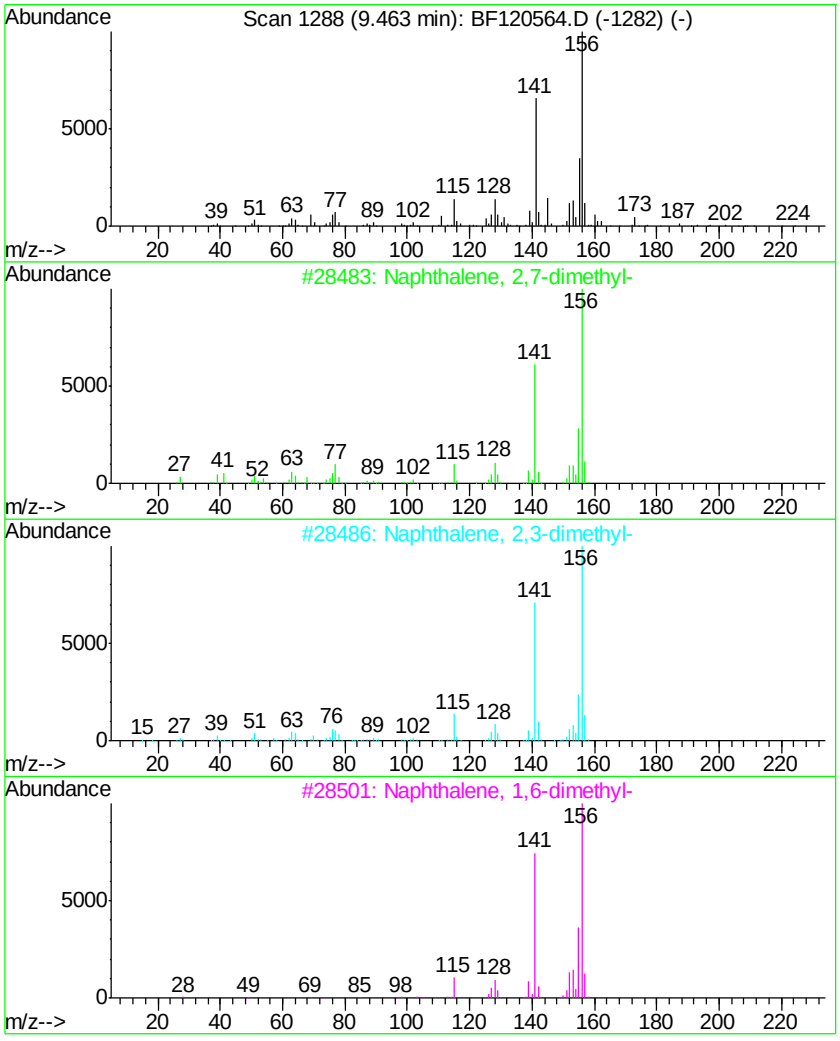
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

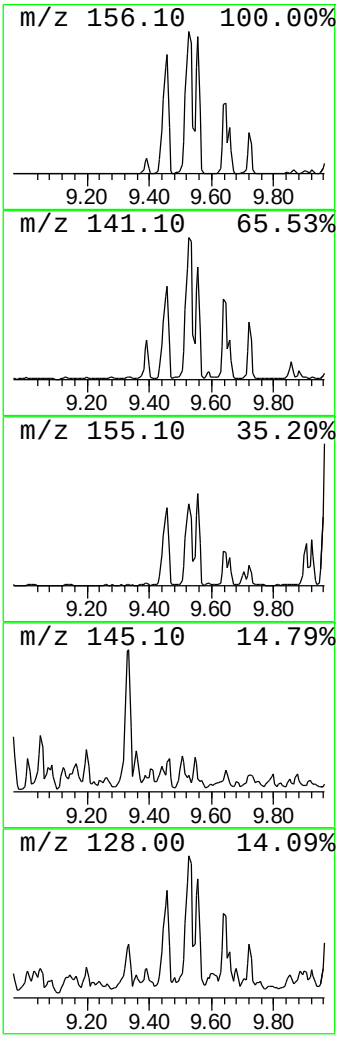
****

Peak Number 6 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	19.71 ng	3358510	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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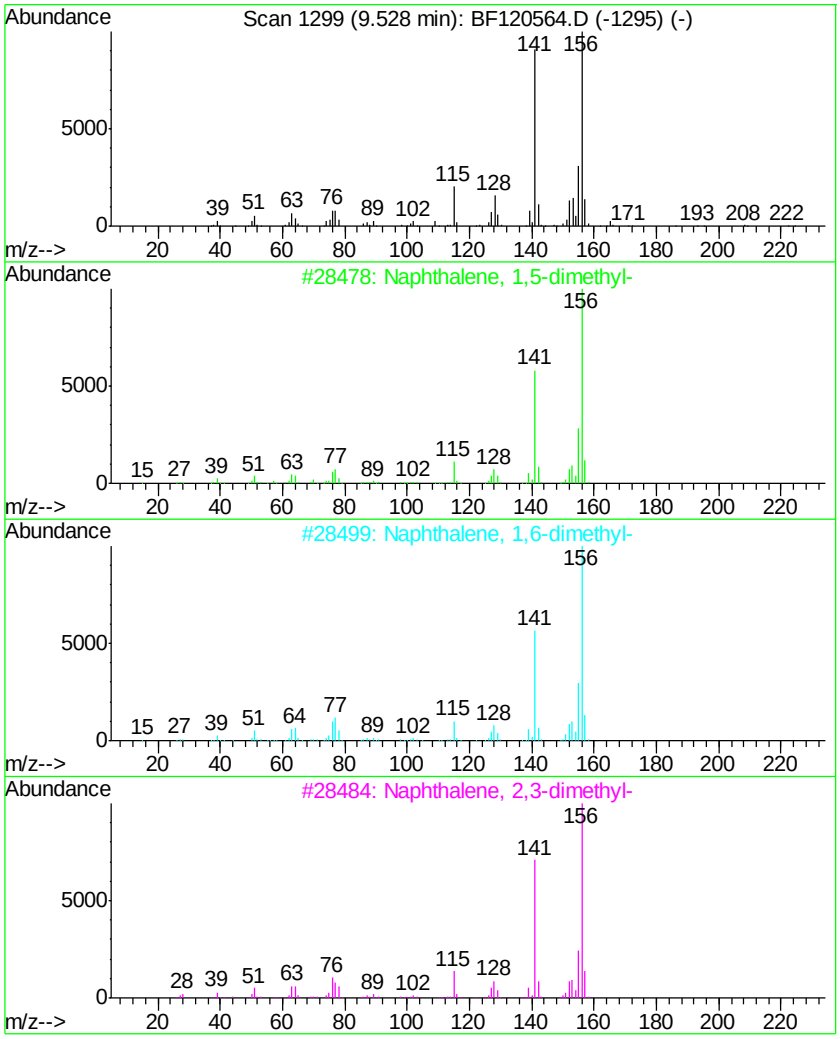
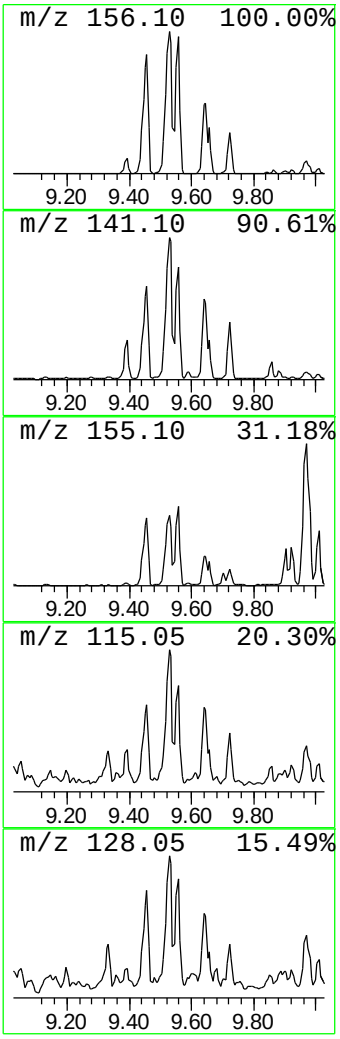
Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	29.69 ng	5059860	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Library Search Compound Report

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Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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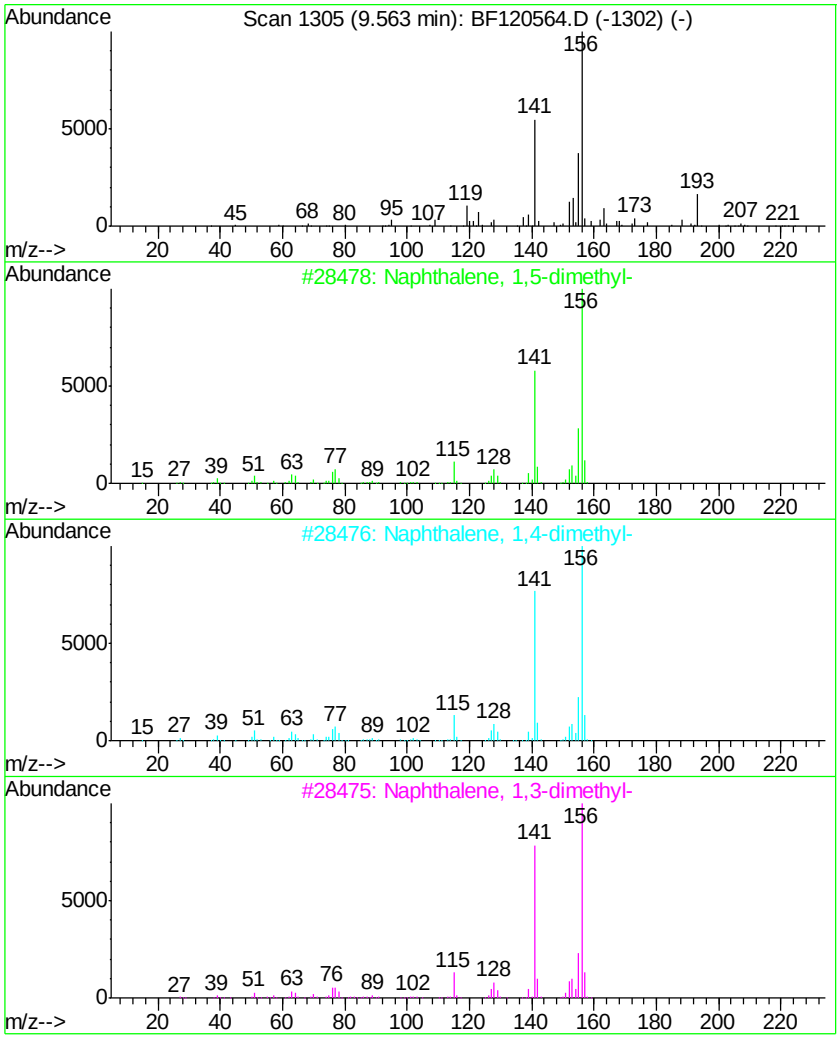
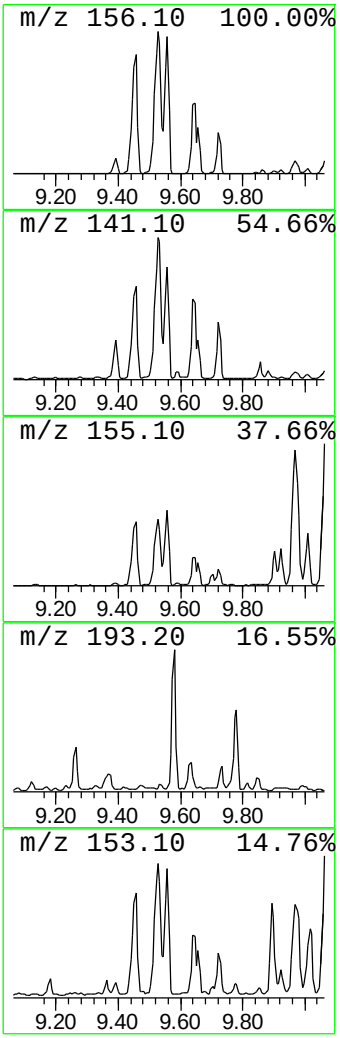
Peak Number 8 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	15.34 ng	2614850	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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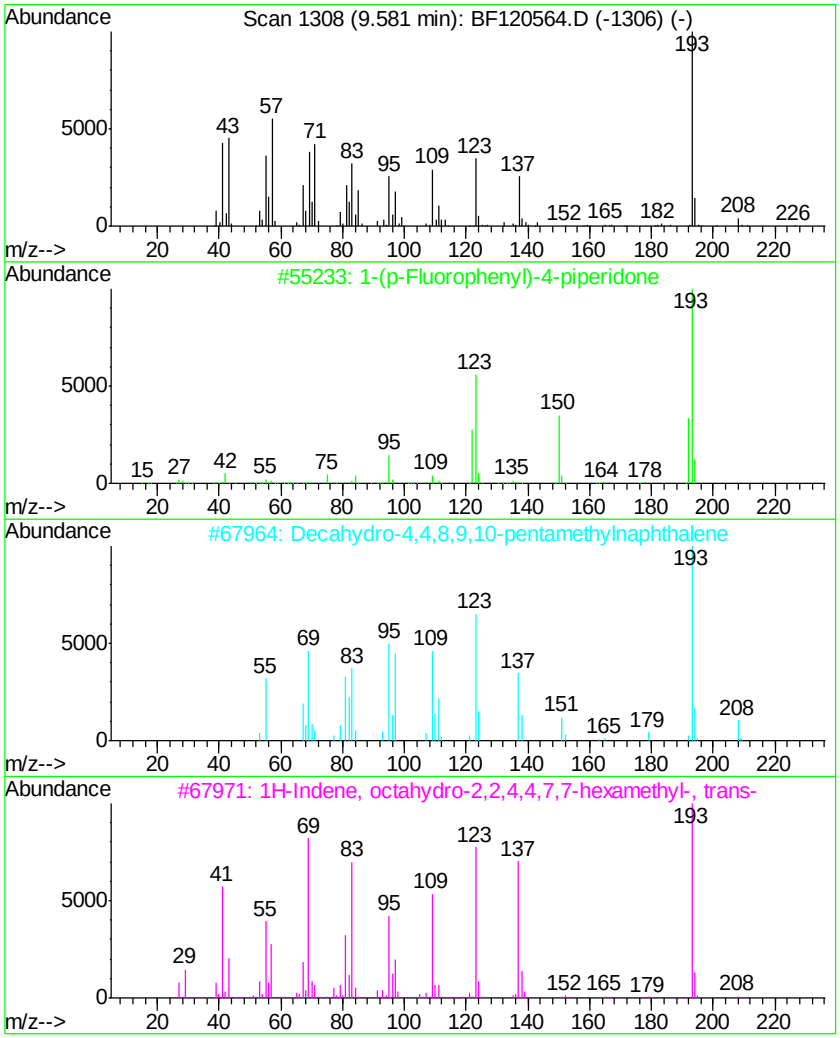
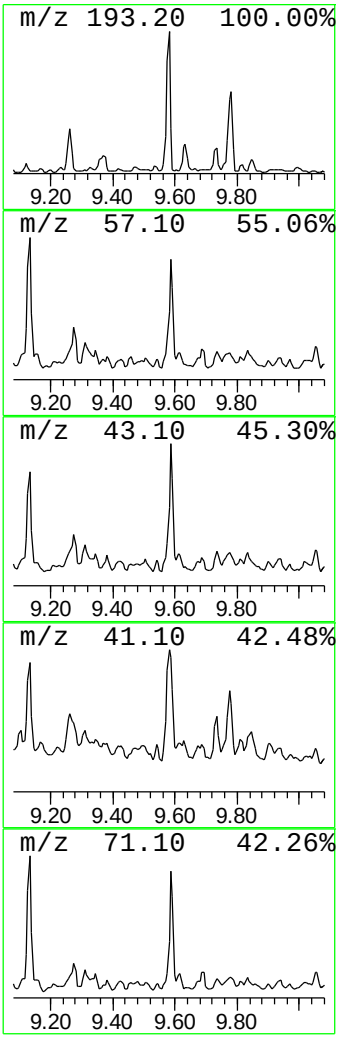
Peak Number 9 unknown9.58 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	28.18 ng	4802350	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	37
2	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	35
3	1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	32
4	2-Anthracenamine	193	C14H11N	000613-13-8	27
5	1-Anthracenamine	193	C14H11N	000610-49-1	27





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Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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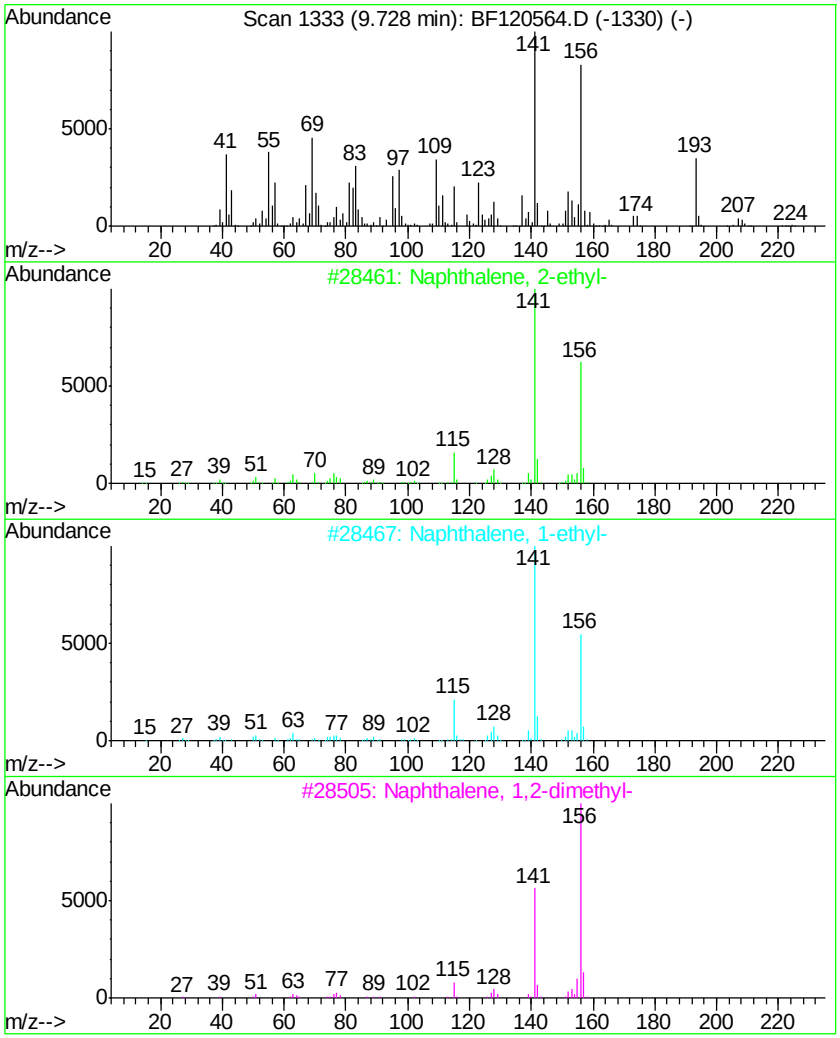
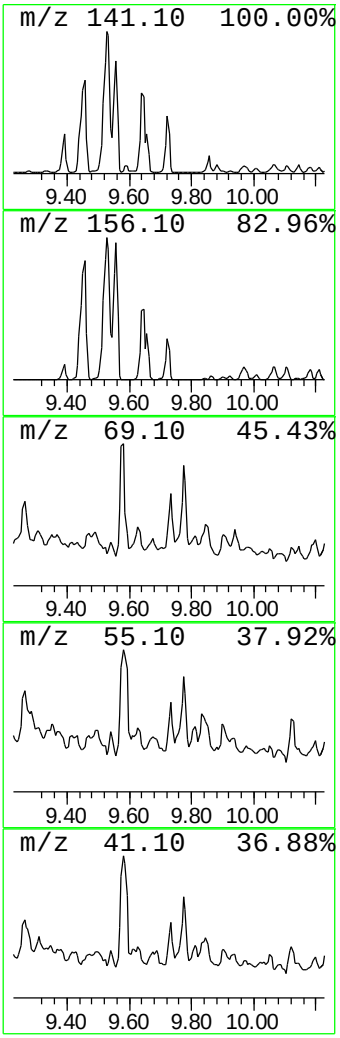
Peak Number 10 Naphthalene, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	15.59 ng	2657540	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	87
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	78
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	60
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	55
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	55





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Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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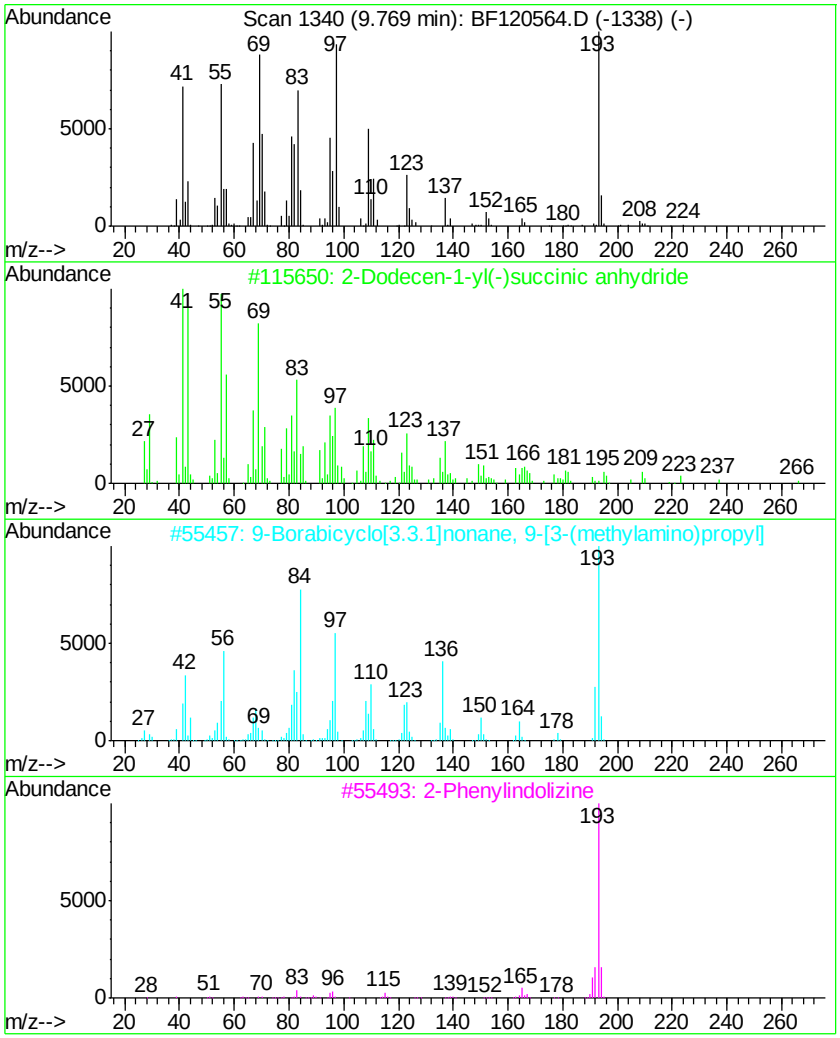
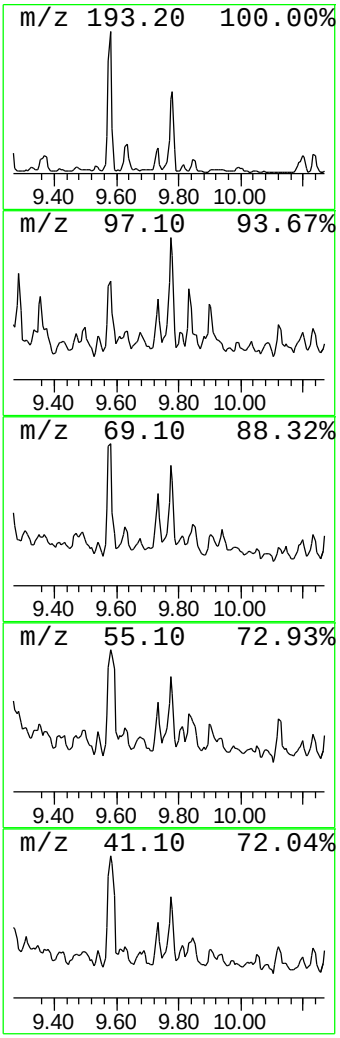
Peak Number 11 unknown9.77 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.77	17.97 ng	3062020	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecen-1-yl(-)succinic anhydride	266	C16H26O3	019780-11-1	43
2	9-Borabicyclo[3.3.1]nonane, 9-[3...	193	C12H24BN	1000162-56-0	38
3	2-Phenylindolizine	193	C14H11N	025379-20-8	35
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	27
5	Hexadecanedinitrile	248	C16H28N2	006812-44-8	22





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Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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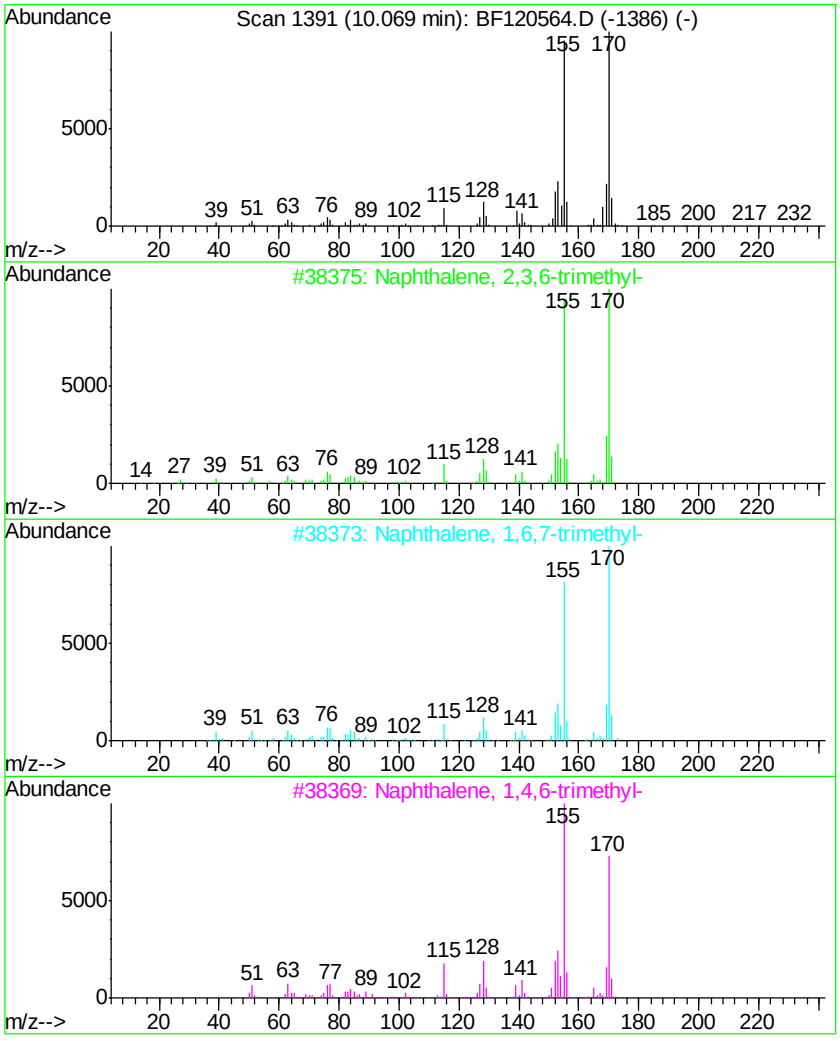
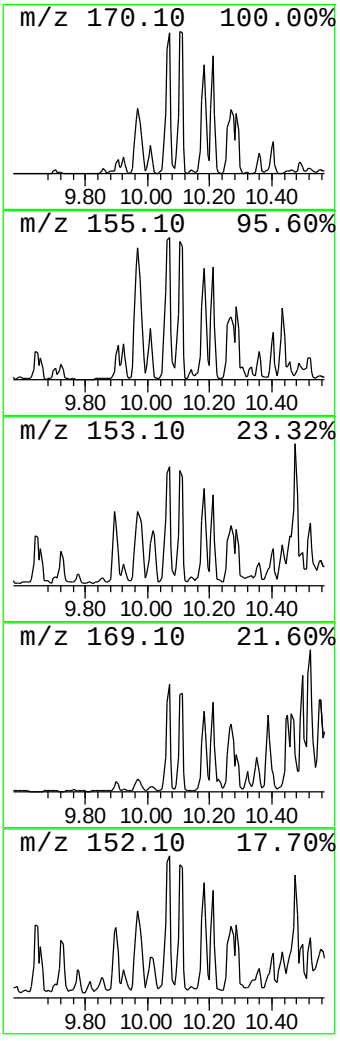
Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	19.11 ng	3256490	Acenaphthene-d10	9.86

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	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Library Search Compound Report

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Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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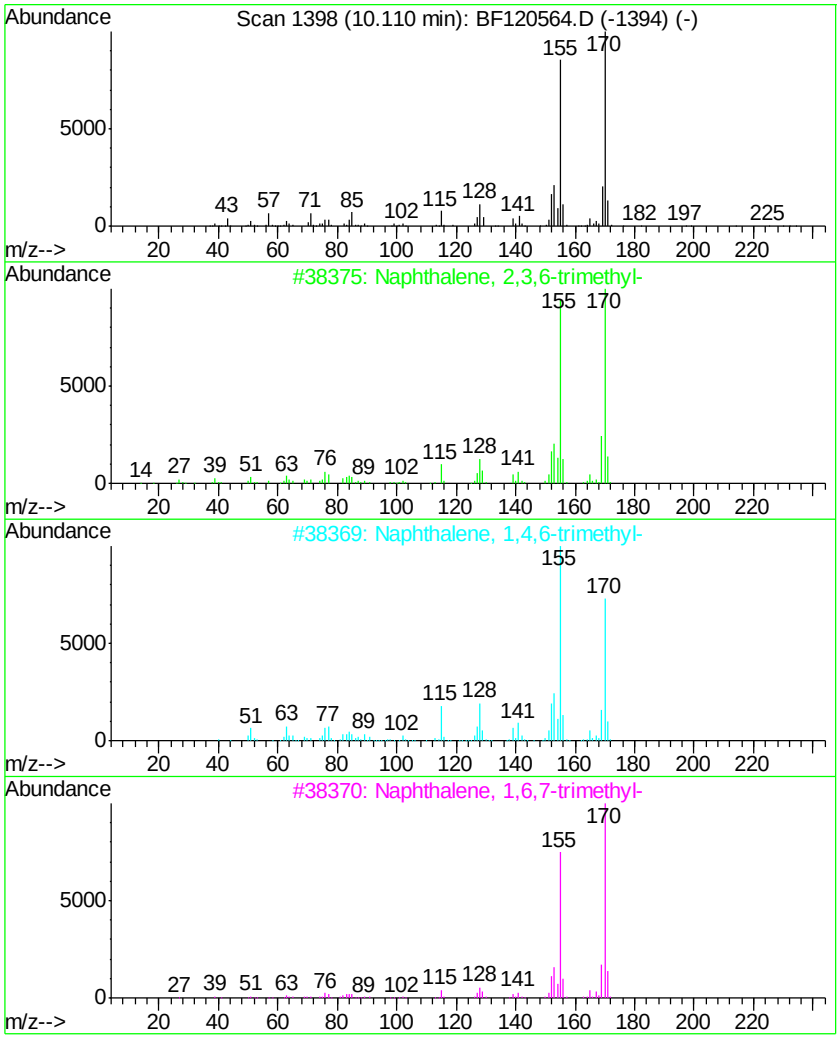
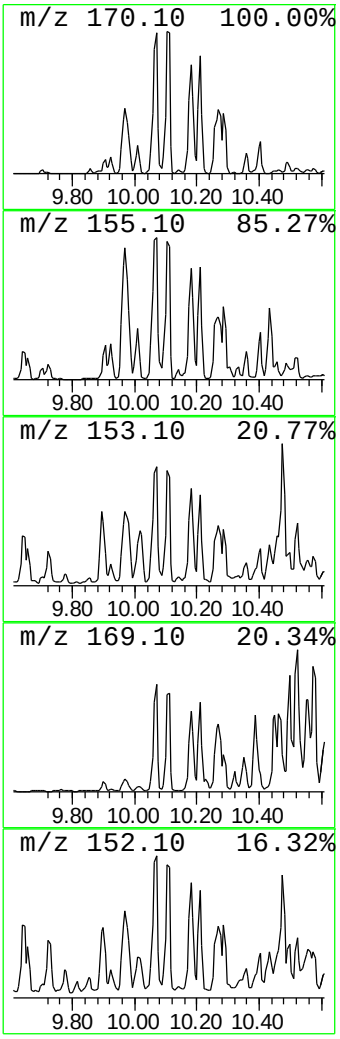
Peak Number 13 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.11	16.29 ng	2775460	Acenaphthene-d10	9.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
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	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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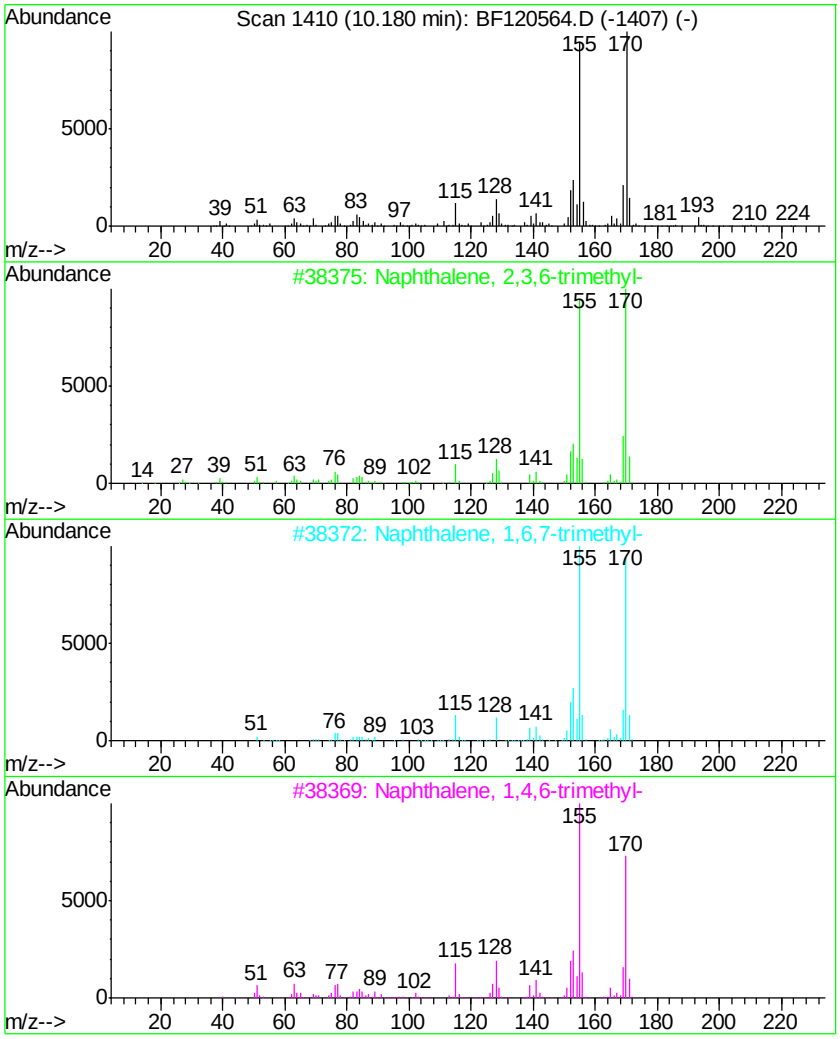
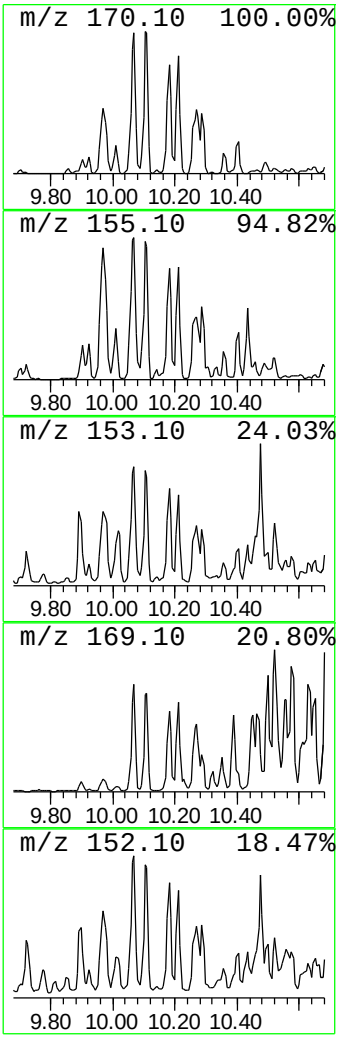
Peak Number 14 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	15.39 ng	2623170	Acenaphthene-d10	9.86

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	98
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Library Search Compound Report

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Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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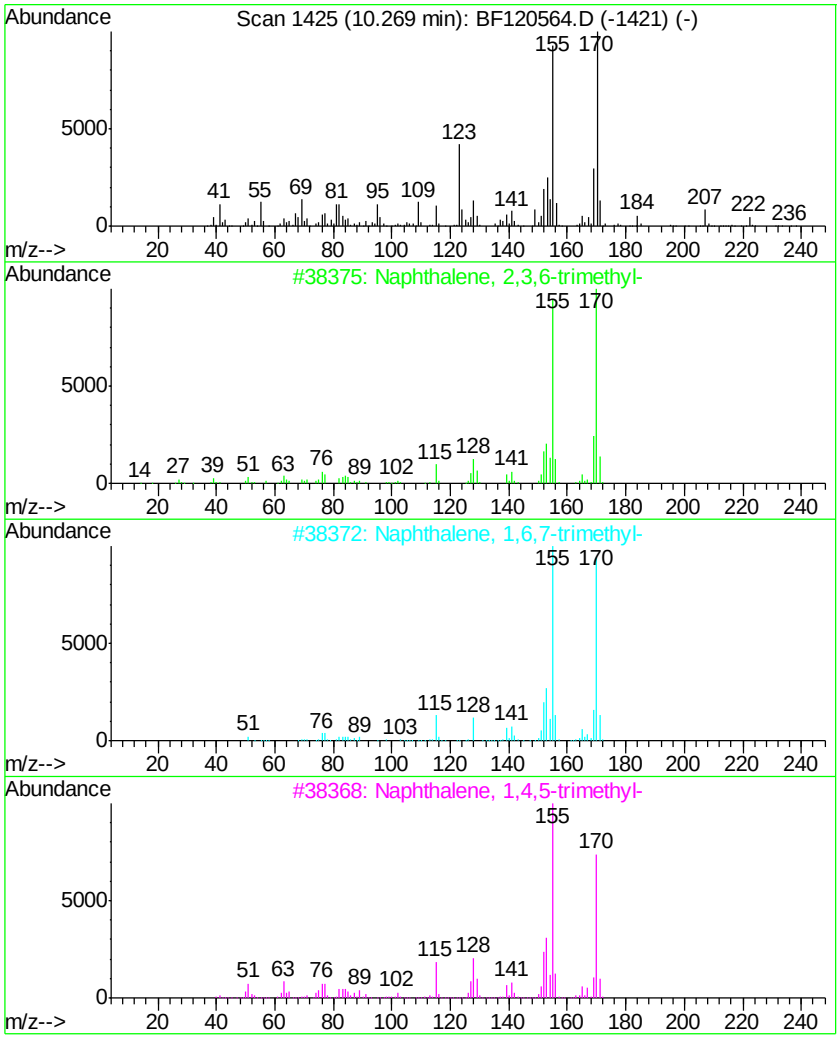
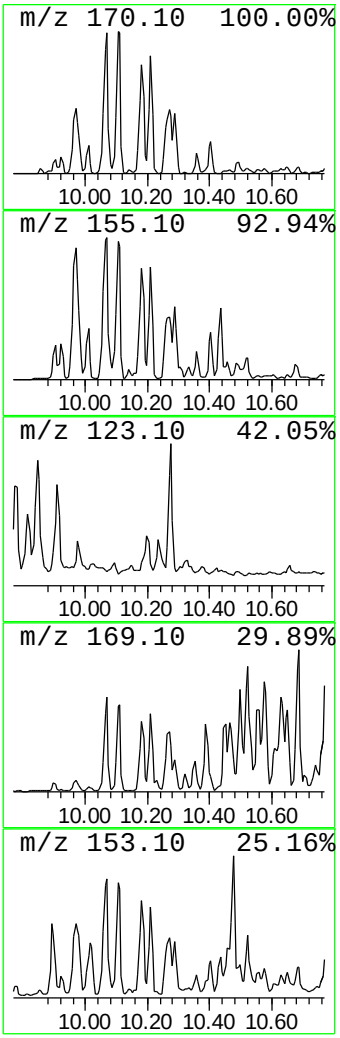
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	19.13 ng	3260120	Acenaphthene-d10	9.86

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, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	78





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Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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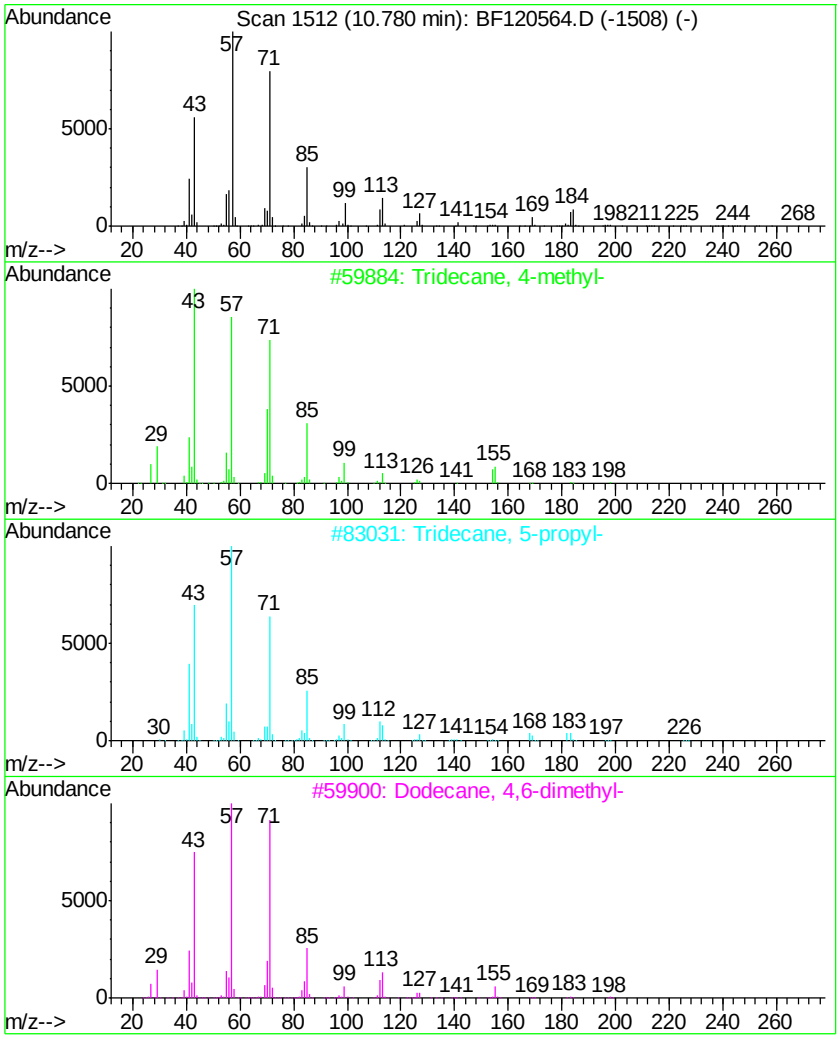
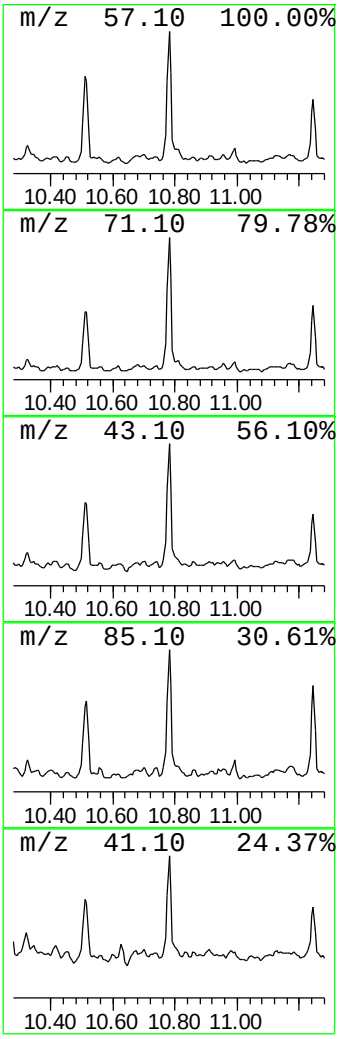
Peak Number 16 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	59.13 ng	4020100	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	80
4	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	74
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72





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Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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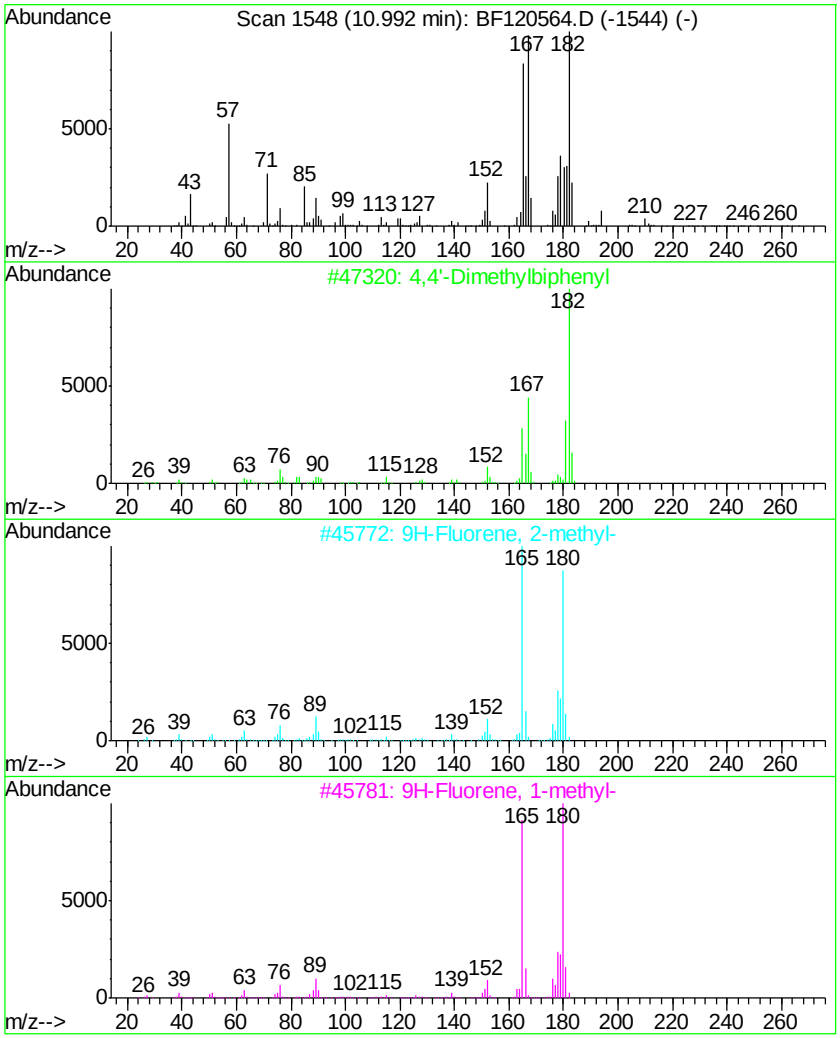
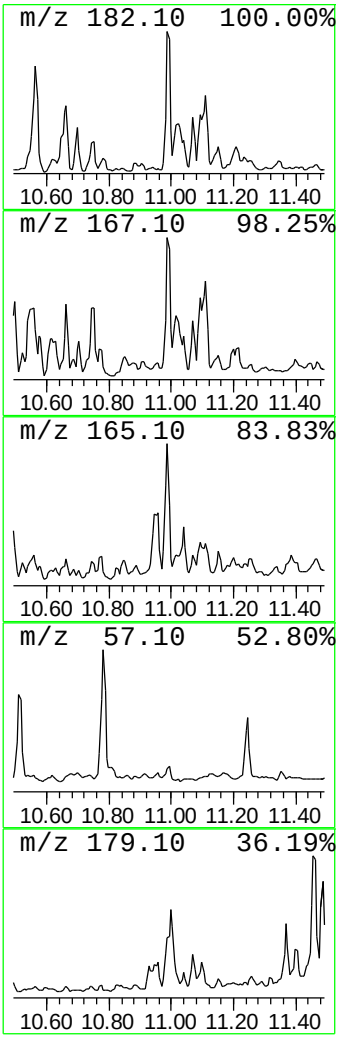
Peak Number 17 4,4'-Dimethylbiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	17.71 ng	1204100	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	50
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	50
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	50
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	45





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Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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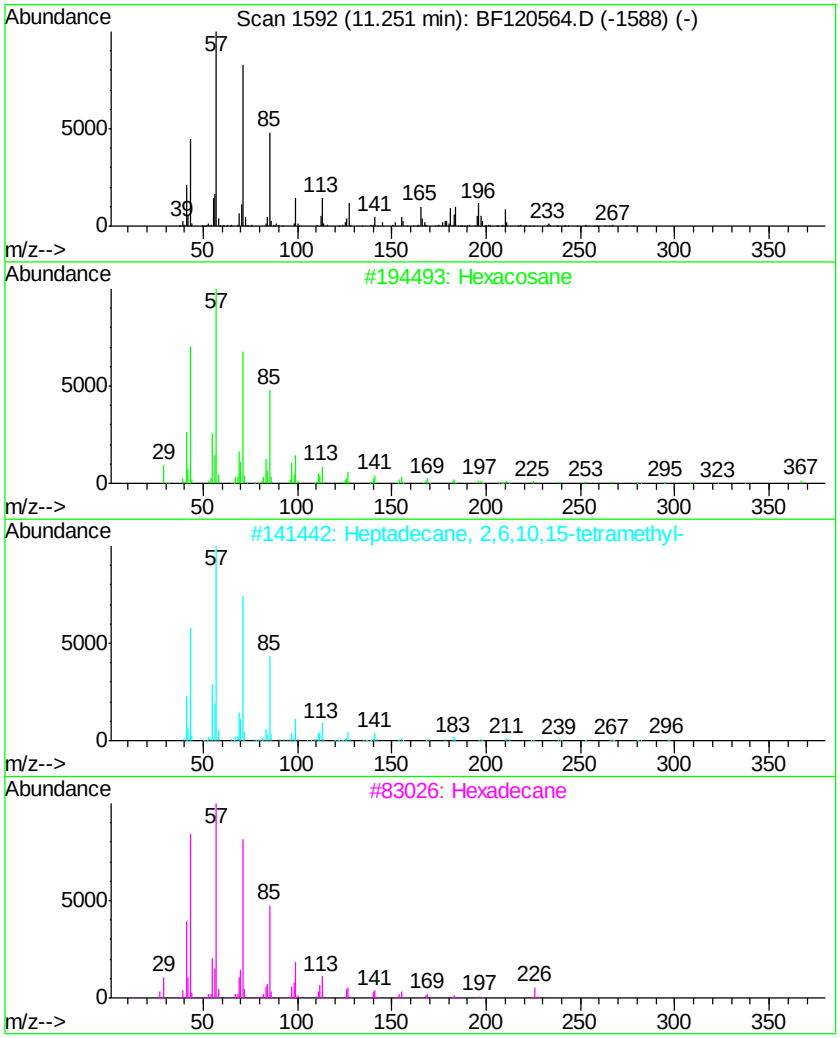
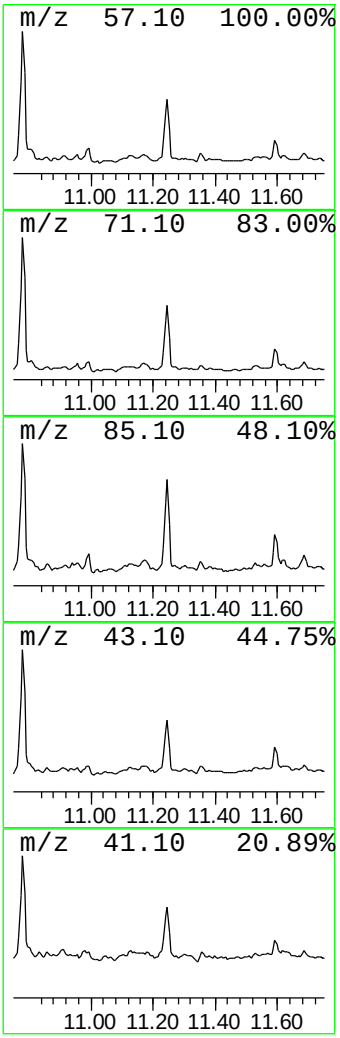
Peak Number 18 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	28.78 ng	1956850	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	80
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Tetradecane	198	C14H30	000629-59-4	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64





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Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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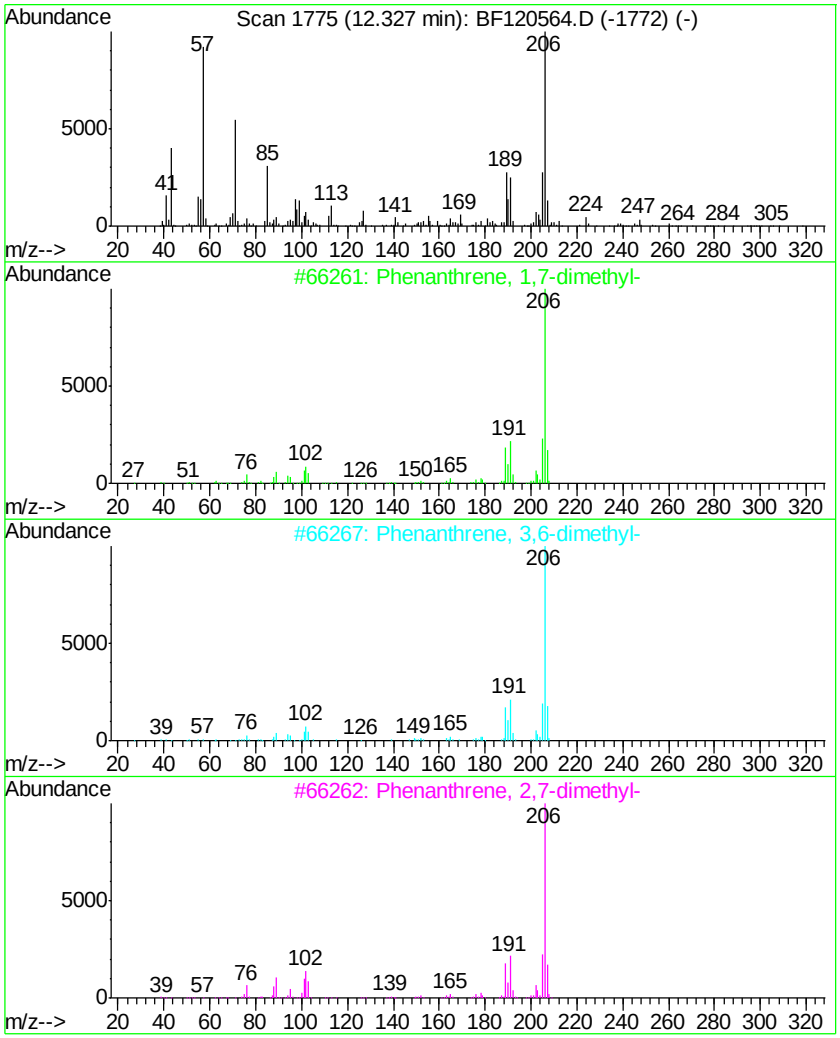
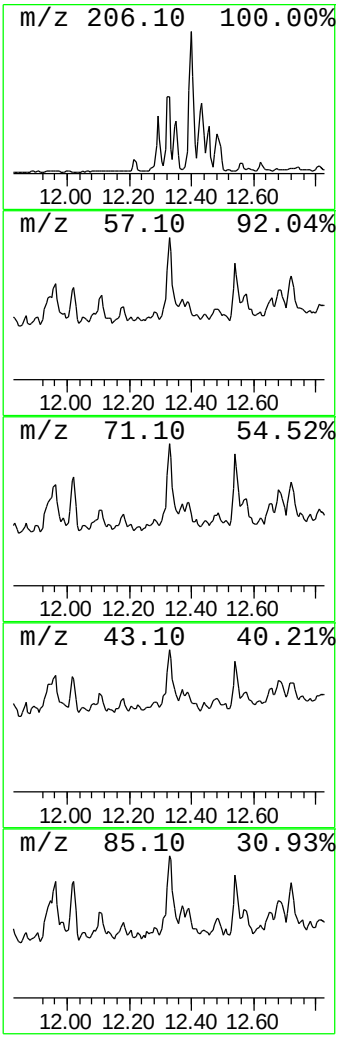
Peak Number 19 Phenanthrene, 1,7-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.33	15.95 ng	1084730	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	60
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	49
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	49
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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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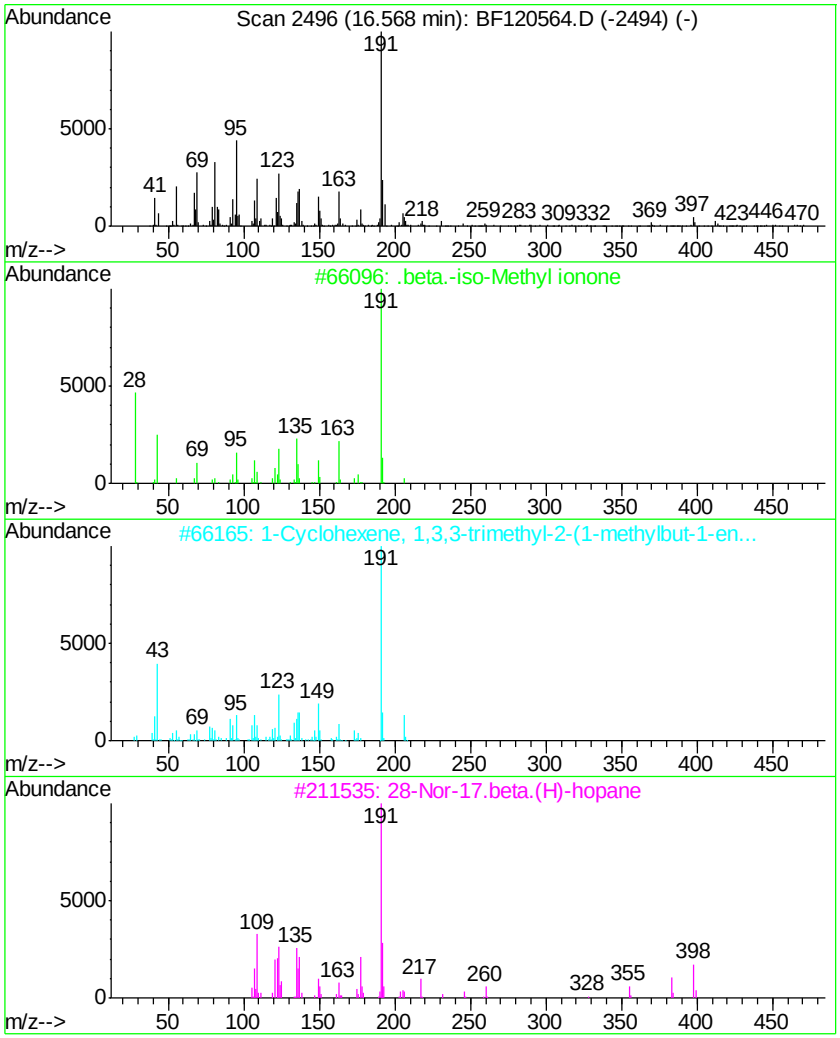
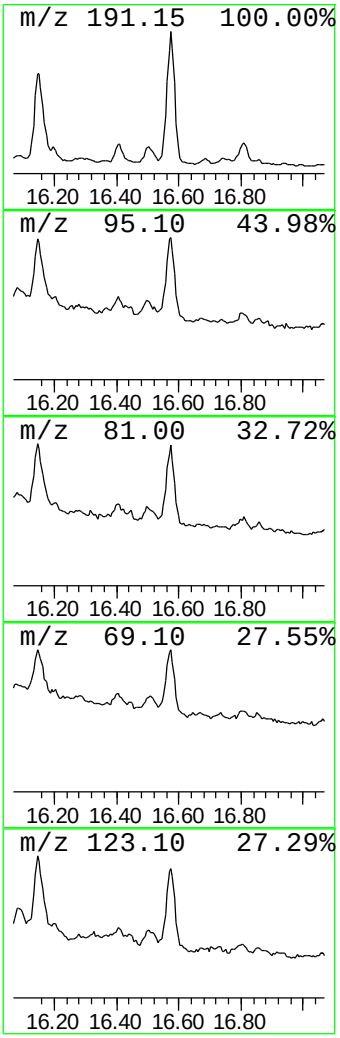
Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	20.00 ng	1446350	Perylene-d12	15.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	53
3	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
4	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43
5	Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF060520\
Data File : BF120564.D
Acq On : 5 Jun 2020 17:23
Operator : JU/CG
Sample : L2893-01 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-2A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.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
3-Heptene, 4-ethyl-	5.14	16.2	ng	1149340	1	6.82	1415940	20.0
trans-2-Methyl-3-...	5.36	14.9	ng	1057930	1	6.82	1415940	20.0
unknown7.21	7.21	20.3	ng	1435020	1	6.82	1415940	20.0
Octane, 2,6-dimet...	8.53	16.5	ng	3436330	2	8.10	4167310	20.0
Naphthalene, 2,7-...	9.46	19.7	ng	3358510	3	9.86	3408580	20.0
Naphthalene, 1,5-...	9.53	29.7	ng	5059860	3	9.86	3408580	20.0
Naphthalene, 1,4-...	9.56	15.3	ng	2614850	3	9.86	3408580	20.0
unknown9.58	9.58	28.2	ng	4802350	3	9.86	3408580	20.0
Naphthalene, 2-et...	9.73	15.6	ng	2657540	3	9.86	3408580	20.0
unknown9.77	9.77	18.0	ng	3062020	3	9.86	3408580	20.0
Naphthalene, 2,3,...	10.07	19.1	ng	3256490	3	9.86	3408580	20.0
Naphthalene, 1,4,...	10.11	16.3	ng	2775460	3	9.86	3408580	20.0
Naphthalene, 1,6,...	10.18	15.4	ng	2623170	3	9.86	3408580	20.0
Naphthalene, 1,4,...	10.27	19.1	ng	3260120	3	9.86	3408580	20.0
Tridecane, 4-methyl-	10.78	59.1	ng	4020100	4	11.35	1359750	20.0
4,4'-Dimethylbiph...	10.99	17.7	ng	1204100	4	11.35	1359750	20.0
Hexacosane	11.25	28.8	ng	1956850	4	11.35	1359750	20.0
Phenanthrene, 1,7...	12.33	15.9	ng	1084730	4	11.35	1359750	20.0
.beta.-iso-Methyl...	16.57	20.0	ng	1446350	6	15.45	1446350	20.0