LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127833.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.569	552	558	561	rBV	2619585	2594959	26.77%	0.983%
2	6.204	659	666	671	rBV2	997192	1962404	20.25%	0.743%
3	6.487	709	714	722	rBV3	1207974	1701344	17.55%	0.645%
4	6.575	722	729	731	rBV	2466845	2823731	29.13%	1.070%
5	6.692	744	749	753	rBV3	725405	1354959	13.98%	0.513%
6	6.951	788	793	796	rVB2	958139	1328887	13.71%	0.503%
7	7.057	805	811	814	rBV3	677387	1095964	11.31%	0.415%
8	7.092	814	817	821	rBV3	1689115	1903053	19.63%	0.721%
9	7.351	857	861	863	rBV	1497599	1492317	15.40%	0.565%
10	7.487	878	884	886	rBV2	3344855	4000104	41.27%	1.515%
11	7.522	886	890	893	rVV3	2626823	3218923	33.21%	1.219%
12	7.592	897	902	905	rVB3	1797258	2771548	28.59%	1.050%
13	7.639	905	910	913	rBV4	749731	1267097	13.07%	0.480%
14	7.722	921	924	926	rVV	1581989	1487450	15.35%	0.563%
15	7.763	926	931	936	rVB4	1986958	2681784	27.67%	1.016%
16	7.851	944	946	948	rVB	1545735	1102044	11.37%	0.417%
17	7.881	948	951	954	rBV4	1940223	2108372	21.75%	0.799%
18	7.910	954	956	960	rVB	1358084	1155239	11.92%	0.438%
19	7.975	964	967	975	rVB3	3766061	4615180	47.61%	1.748%
20	8.051	977	980	986	rBV5	1296260	1617009	16.68%	0.613%
21	8.104	986	989	992	rBV2	1888684	1880847	19.40%	0.713%
22	8.139	992	995	997	rBV	925303	964761	9.95%	0.365%
23	8.198	1002	1005	1006	rBV2	753835	947827	9.78%	0.359%
24	8.228	1006	1010	1013	rBV2	1950861	2508455	25.88%	0.950%
25	8.286	1018	1020	1023	rVB	3070754	2767200	28.55%	1.048%
26	8.328	1023	1027	1030	rBV3	1681082	1776271	18.33%	0.673%
27	8.439	1043	1046	1049	rVB2	2958831	2703244	27.89%	1.024%
28	8.486	1051	1054	1056	rBV2	1529706	1367539	14.11%	0.518%
29	8.528	1057	1061	1065	rVB4	2856196	4377117	45.16%	1.658%
30	8.628	1074	1078	1080	rBV	2783139	2899150	29.91%	1.098%
31	8.663	1080	1084	1086	rBV	4252277	4304918	44.41%	1.631%
32	8.710	1089	1092	1095	rVB	1724103	1705383	17.59%	0.646%
33	8.751	1095	1099	1101	rBV	4682626	4464454	46.06%	1.691%
34	8.833	1110	1113	1116	rBV2	1963696	2175627	22.45%	0.824%
35	8.875	1117	1120	1122	rBV2	1207184	1021551	10.54%	0.387%
36	8.910	1122	1126	1129	rVB4	1942080	2098542	21.65%	0.795%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.933	1129	1130	1133	rVB2	1611958	1066679	11.00%	0.404%
38	8.986	1137	1139	1142	rVB	1177557	1062550	10.96%	0.403%
39	9.022	1142	1145	1147	rBV3	1301993	1947406	20.09%	0.738%
40	9.069	1150	1153	1155	rBV	3156933	3034940	31.31%	1.150%
41	9.151	1164	1167	1169	rVB3	2335189	2323442	23.97%	0.880%
42	9.186	1170	1173	1176	rVV3	1358249	1724701	17.79%	0.653%
43	9.263	1180	1186	1189	rVV	4604256	6284749	64.84%	2.381%
44	9.322	1192	1196	1198	rVV2	2327333	2446002	25.24%	0.927%
45	9.398	1206	1209	1212	rBV3	1764443	1919589	19.80%	0.727%
46	9.475	1218	1222	1225	rVB3	1695544	2093847	21.60%	0.793%
47	9.528	1228	1231	1236	rVB	3064562	3858146	39.80%	1.462%
48	9.592	1238	1242	1246	rVB	4708140	5132656	52.95%	1.944%
49	9.680	1251	1257	1259	rVV	5249841	9692889	100.00%	3.672%
50	9.710	1259	1262	1263	rVV	4498928	5340053	55.09%	2.023%
51	9.722	1263	1264	1267	rVV2	5954943	4935731	50.92%	1.870%
52	9.751	1267	1269	1272	rVV2	960335	1071196	11.05%	0.406%
53	9.792	1272	1276	1280	rVV2	3722141	5485098	56.59%	2.078%
54	9.875	1287	1290	1293	rVV	3481836	3074453	31.72%	1.165%
55	9.922	1296	1298	1300	rVB3	1845105	1318327	13.60%	0.499%
56	9.992	1308	1310	1314	rVB4	1005137	1212897	12.51%	0.459%
57	10.045	1314	1319	1321	rBV3	1514400	2209232	22.79%	0.837%
58	10.116	1327	1331	1335	rBV	3424029	5410541	55.82%	2.050%
59	10.157	1335	1338	1342	rBV3	1509153	1805465	18.63%	0.684%
60	10.216	1342	1348	1351	rVB2	4045422	5428051	56.00%	2.056%
61	10.257	1351	1355	1364	rVB4	4744508	7752911	79.99%	2.937%
62	10.333	1364	1368	1370	rBV	3590421	4440913	45.82%	1.682%
63	10.363	1370	1373	1378	rVB2	3930092	4007478	41.34%	1.518%
64	10.422	1378	1383	1385	rBV	3069036	4346033	44.84%	1.646%
65	10.557	1403	1406	1408	rBV3	1486587	1391996	14.36%	0.527%
66	10.586	1408	1411	1414	rVV4	1207205	1157473	11.94%	0.438%
67	10.651	1417	1422	1424	rBV2	4212846	5562363	57.39%	2.107%
68	10.704	1428	1431	1433	rBV2	1450599	1754547	18.10%	0.665%
69	10.798	1445	1447	1451	rBV3	1538603	1706835	17.61%	0.647%
70	10.833	1451	1453	1458	rVB2	1453916	1336397	13.79%	0.506%
71	10.927	1463	1469	1472	rBV2	7013269	9080433	93.68%	3.440%
72	10.998	1478	1481	1483	rVB	1511384	1345319	13.88%	0.510%
73	11.098	1495	1498	1502	rBV5	974836	1641984	16.94%	0.622%
74	11.145	1504	1506	1508	rVB2	1905020	1516066	15.64%	0.574%
75	11.227	1517	1520	1522	rBV2	1328283	1514385	15.62%	0.574%
76	11.304	1531	1533	1536	rVB3	1065036	915592	9.45%	0.347%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.386	1543	1547	1553	rVB3	4100020	5777702	59.61%	2.189%
78	11.504	1563	1567	1568	rBV3	830357	1041519	10.75%	0.395%
79	11.533	1568	1572	1574	rVV	2365878	2267176	23.39%	0.859%
80	11.733	1603	1606	1609	rBV2	2010892	2271080	23.43%	0.860%
81	11.827	1618	1622	1634	rVB5	1418662	4063758	41.93%	1.539%
82	11.916	1634	1637	1640	rBV	820568	1122208	11.58%	0.425%
83	12.010	1649	1653	1655	rBV	2872230	3004342	31.00%	1.138%
84	12.039	1655	1658	1661	rVB	3451823	3524406	36.36%	1.335%
85	12.092	1663	1667	1669	rVV3	1160728	2057104	21.22%	0.779%
86	12.116	1669	1671	1674	rVV2	2449652	2815618	29.05%	1.067%
87	12.145	1674	1676	1682	rVB	2165171	1939764	20.01%	0.735%
88	12.451	1722	1728	1730	rVV2	1839993	2774989	28.63%	1.051%
89	12.486	1731	1734	1736	rVV	2065111	2322577	23.96%	0.880%
90	12.510	1736	1738	1740	rVV	1506052	1162859	12.00%	0.441%
91	12.563	1743	1747	1749	rVV	3314784	3902100	40.26%	1.478%
92	12.592	1749	1752	1755	rVV2	1545979	2192955	22.62%	0.831%
93	12.645	1758	1761	1764	rVV	1331508	1377877	14.22%	0.522%
94	12.674	1764	1766	1770	rVB2	910212	957939	9.88%	0.363%
95	12.898	1802	1804	1808	rVB2	1220765	1141832	11.78%	0.433%
96	12.963	1813	1815	1819	rVB	1512213	1702565	17.57%	0.645%
97	13.004	1819	1822	1825	rVB	2151168	2376024	24.51%	0.900%
98	13.057	1825	1831	1833	rBV4	1078798	1644565	16.97%	0.623%
99	13.086	1833	1836	1838	rBV2	1993114	2009670	20.73%	0.761%
100	13.504	1905	1907	1910	rVV	906502	931559	9.61%	0.353%

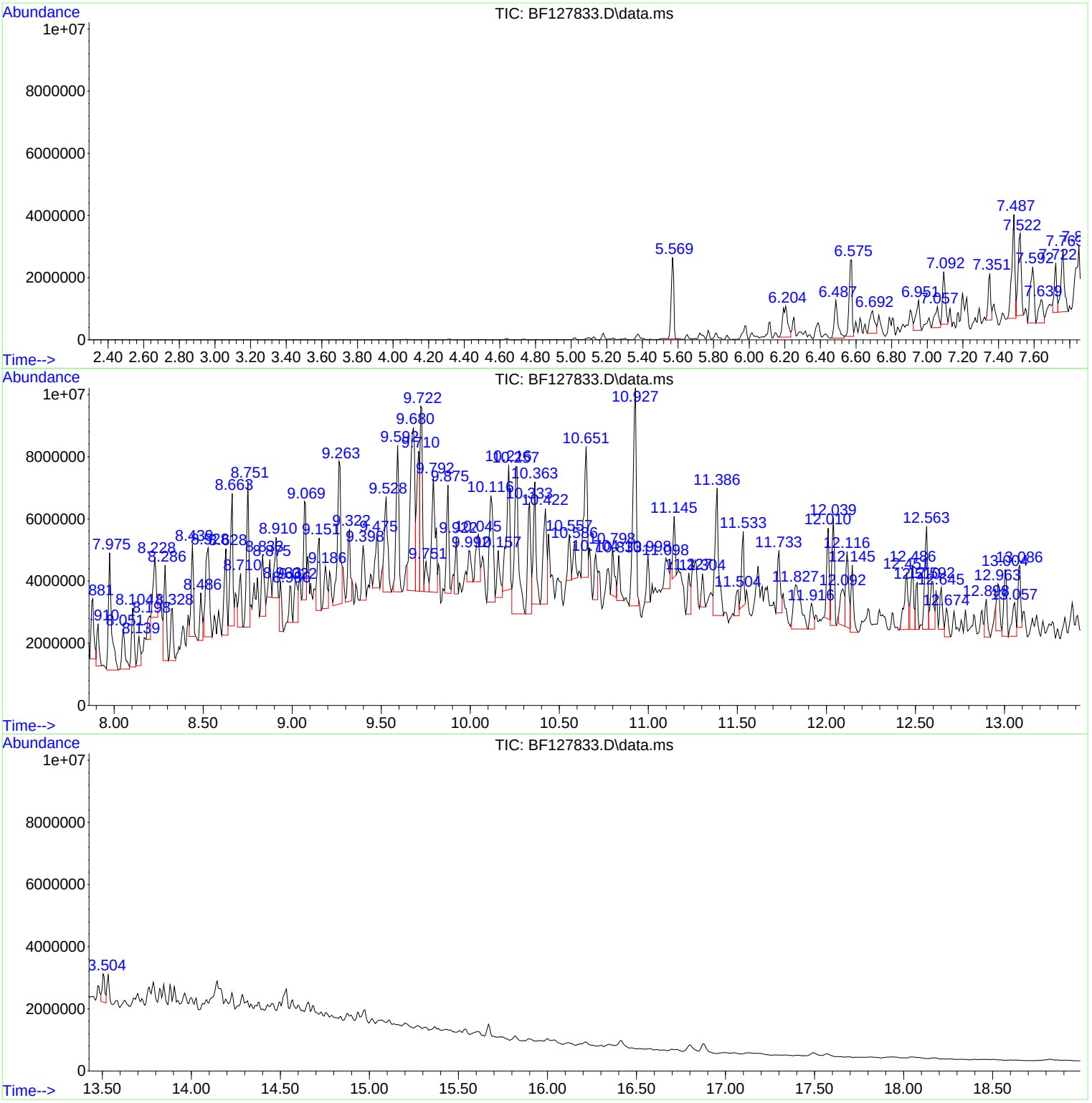
Sum of corrected areas: 263976807

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

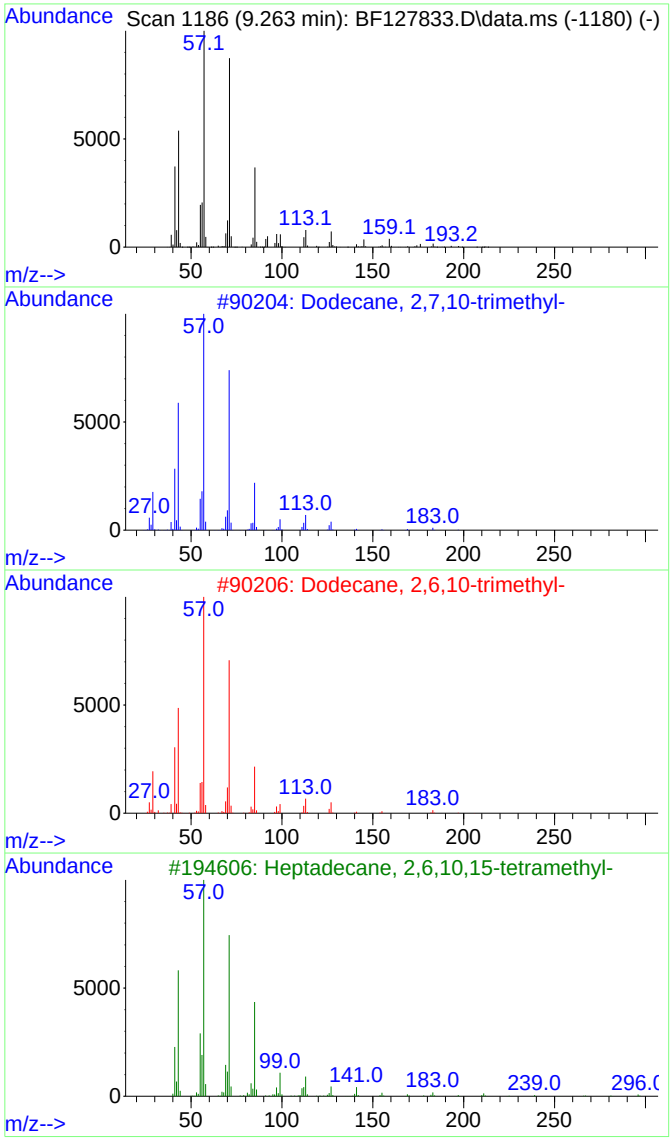
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

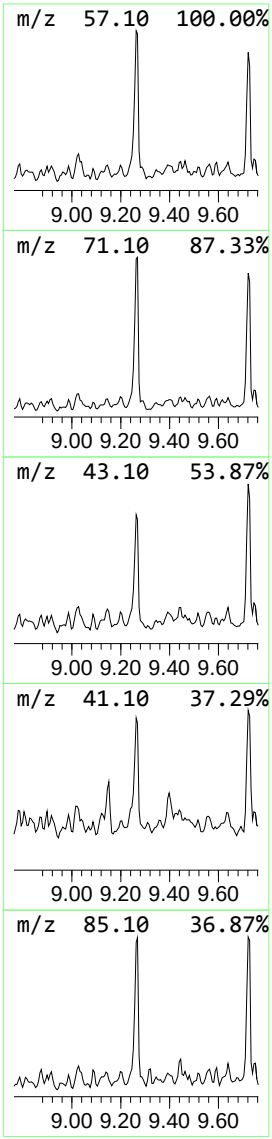
****

Peak Number 1 Dodecane, 2,7,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.263	103.63 ng	6284750	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Carbonic acid, octyl vinyl ester	200	C11H20O3	1000383-25-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

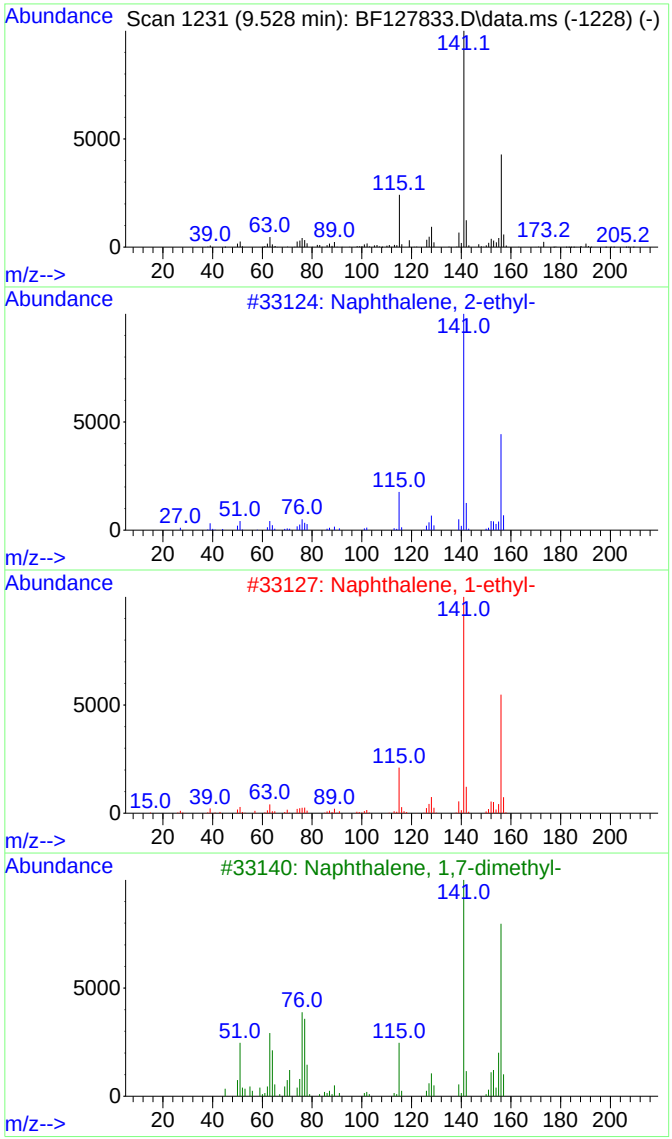
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

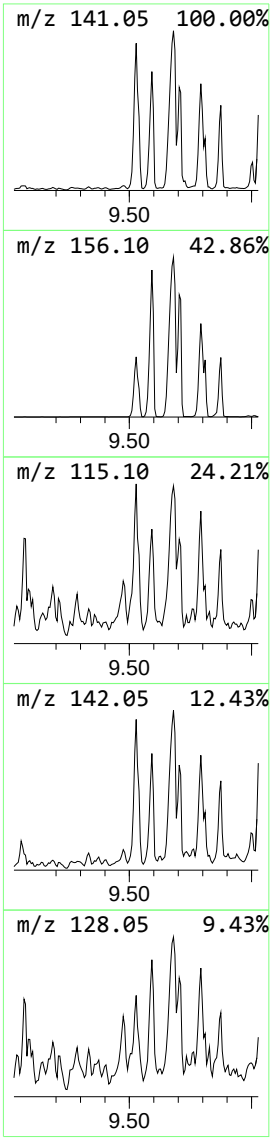
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	63.62 ng	3858150	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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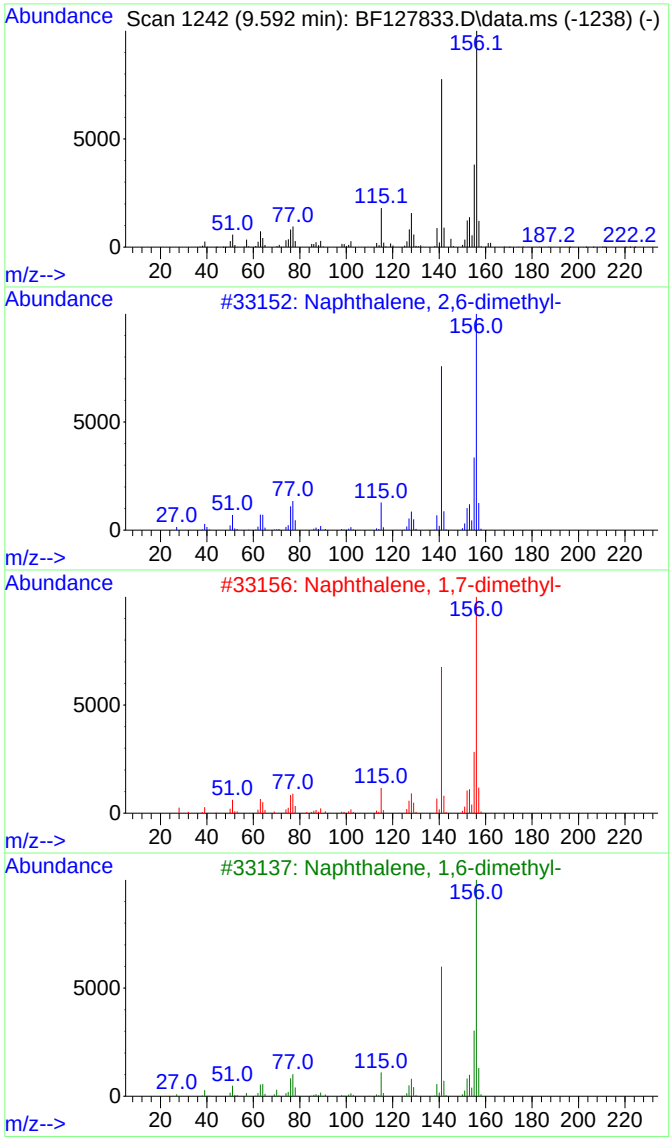
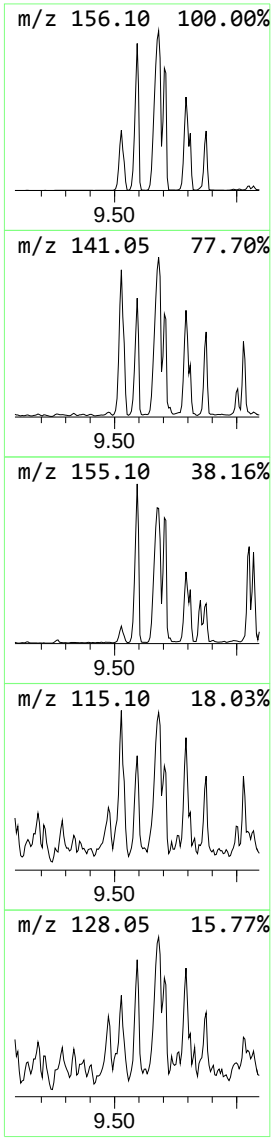
Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.592	84.63 ng	5132660	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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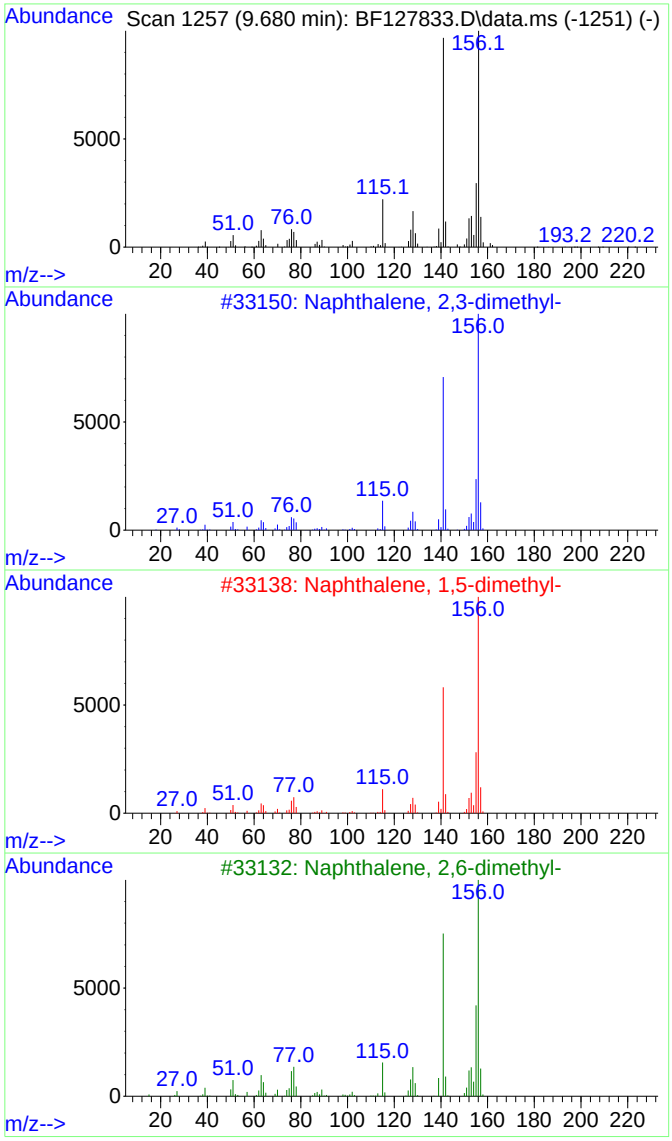
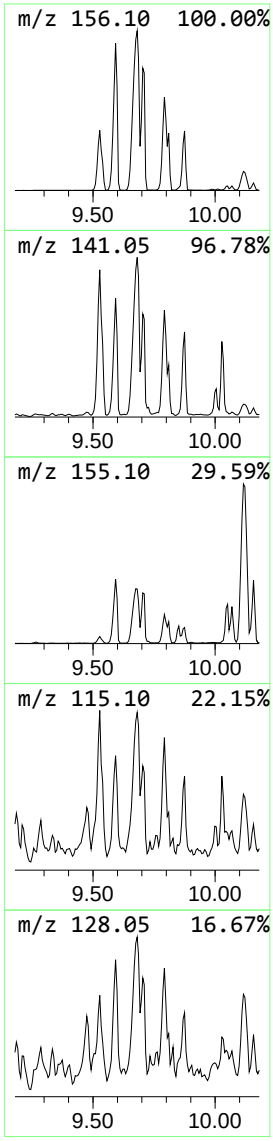
Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.680	159.83 ng	9692890	Acenaphthene-d10	10.010

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, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

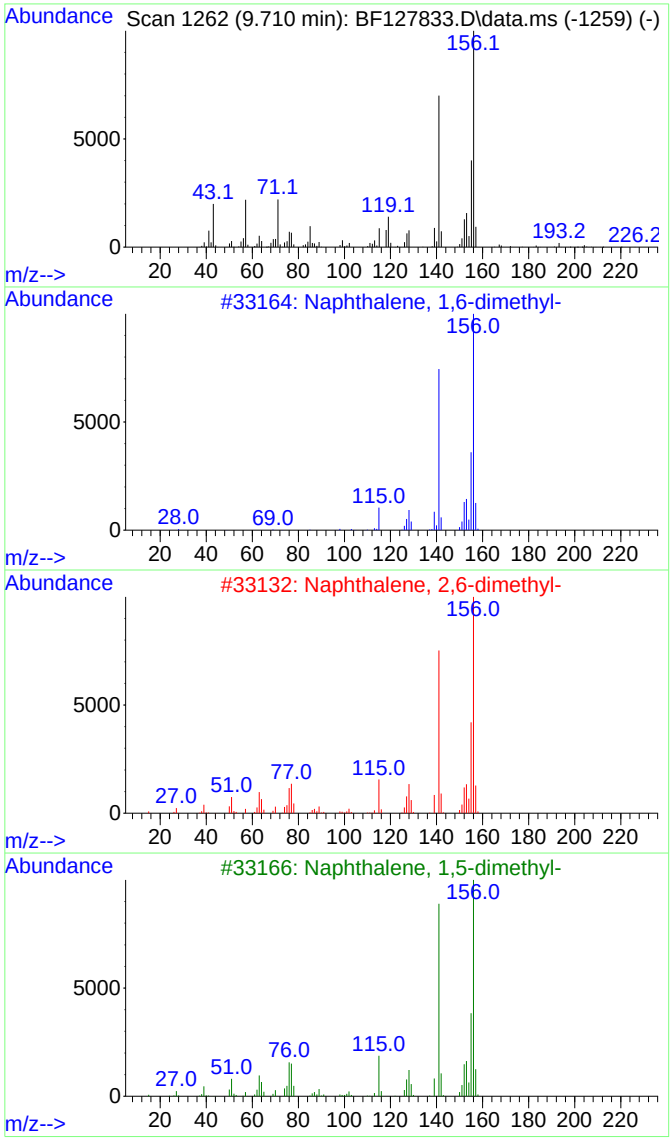
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

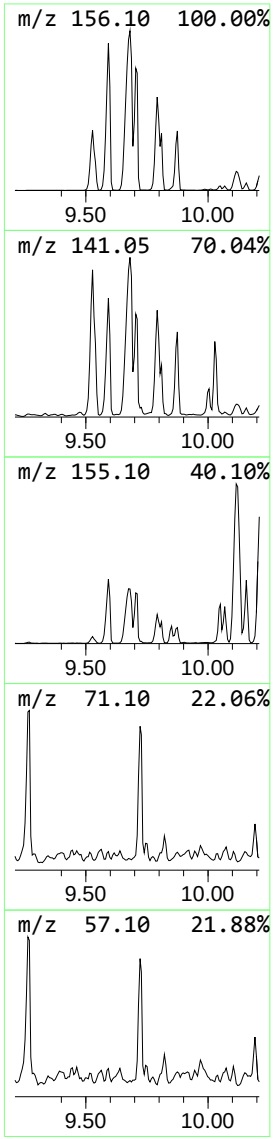
****

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	88.05 ng	5340050	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70





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Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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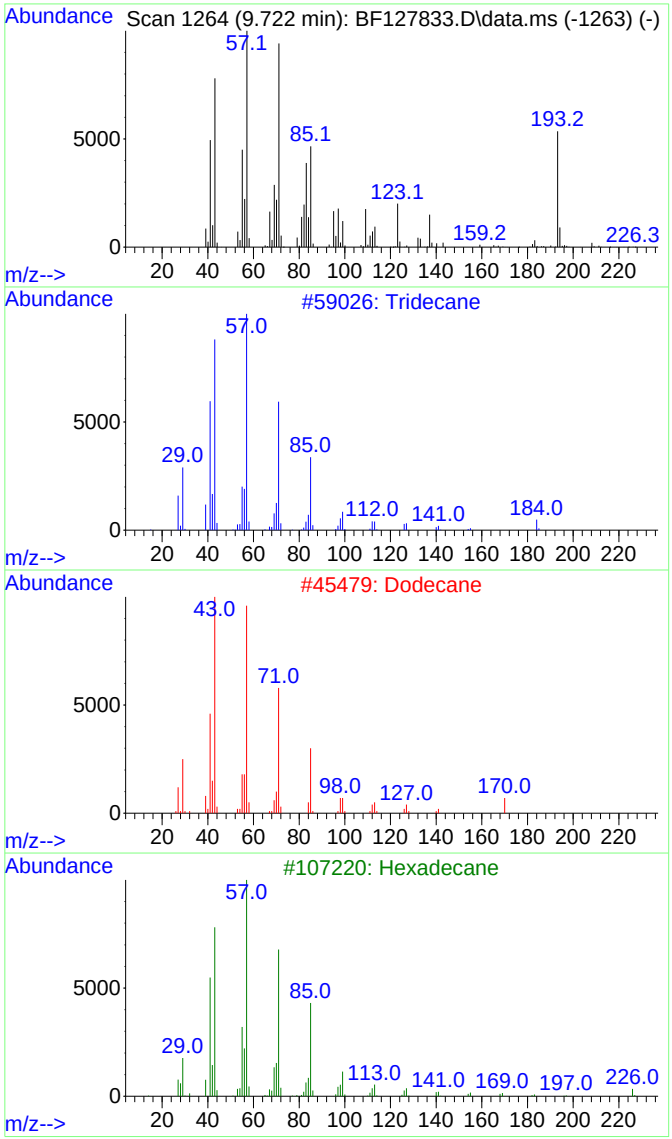
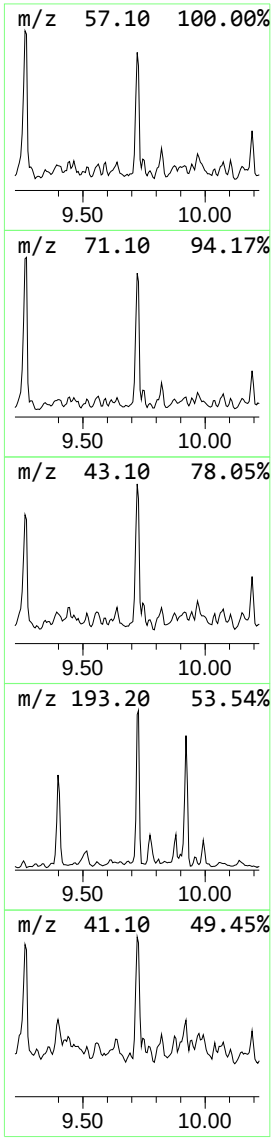
Peak Number 6 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	81.39 ng	4935730	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	50
2	Dodecane	170	C12H26	000112-40-3	45
3	Hexadecane	226	C16H34	000544-76-3	43
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	43
5	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	43





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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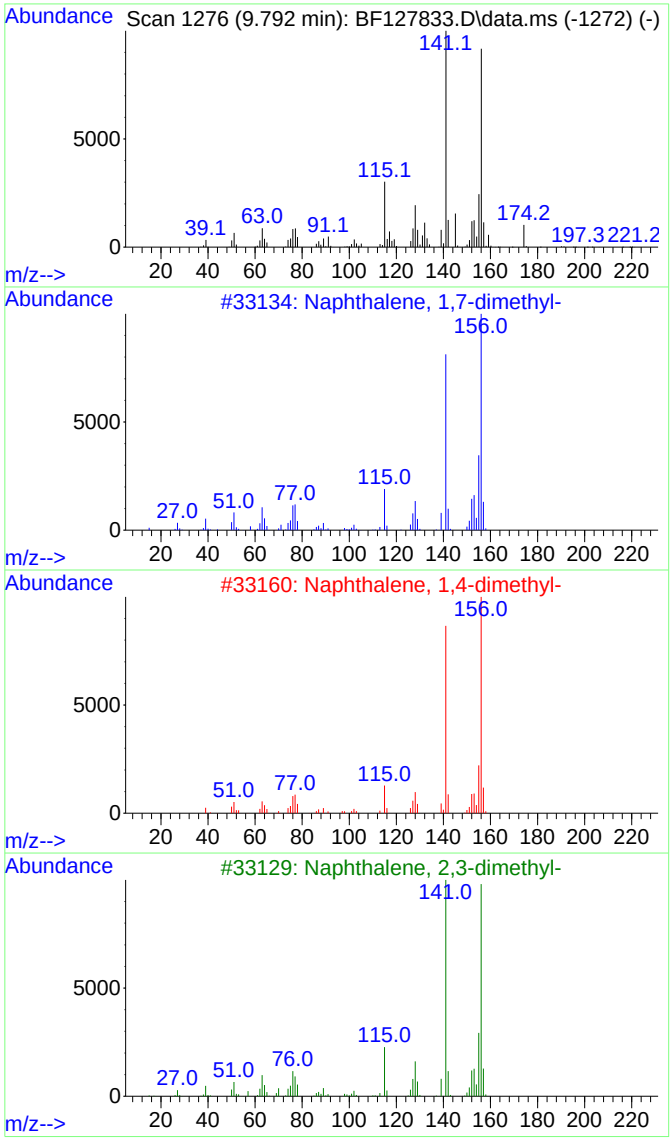
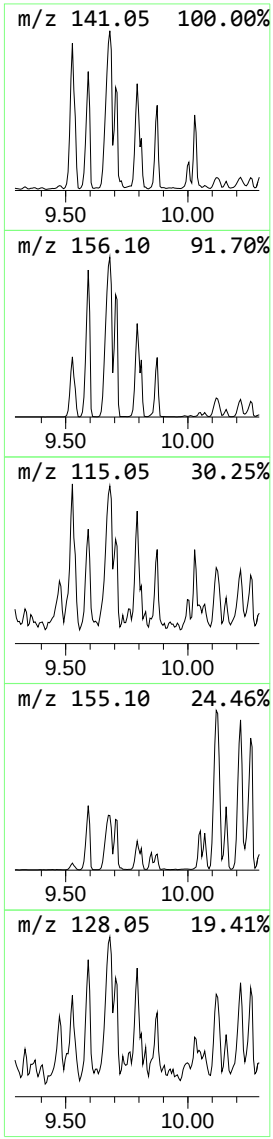
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.792	90.45 ng	5485100	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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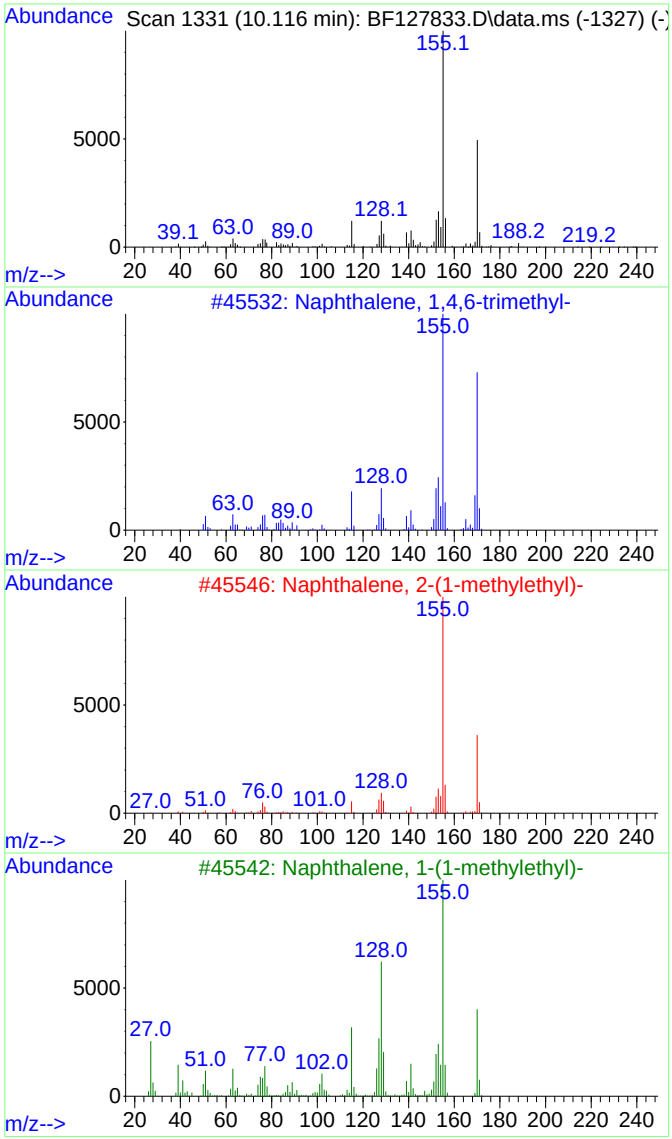
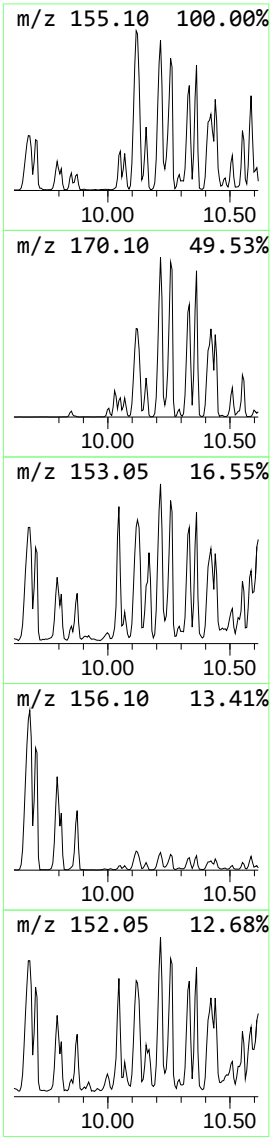
Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.116	89.22 ng	5410540	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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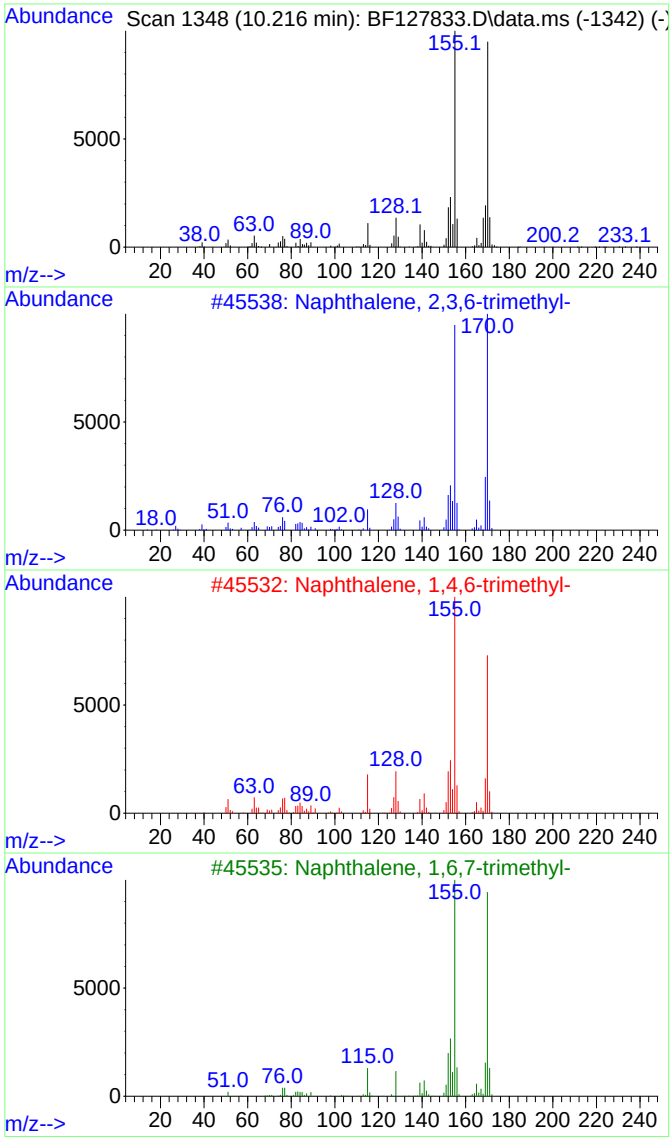
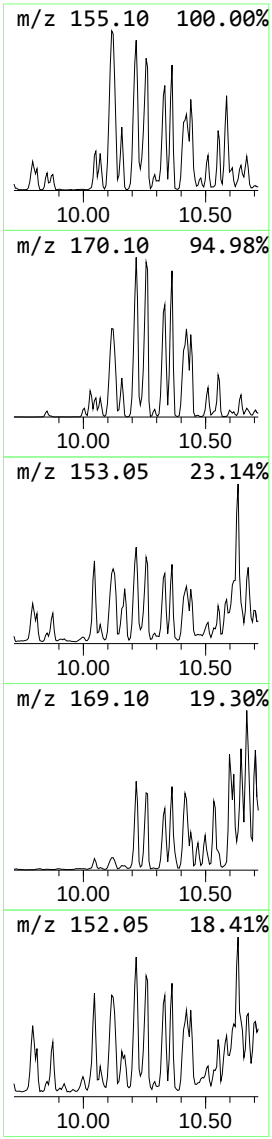
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.216	89.51 ng	5428050	Acenaphthene-d10	10.010

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	95
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87





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Misc :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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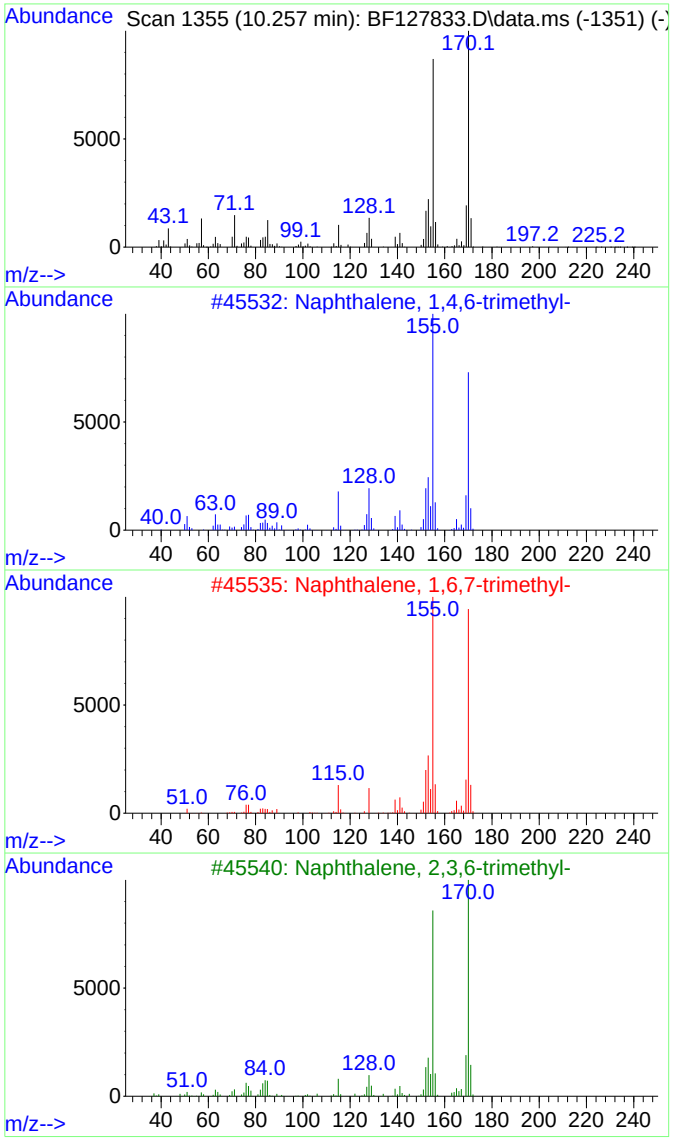
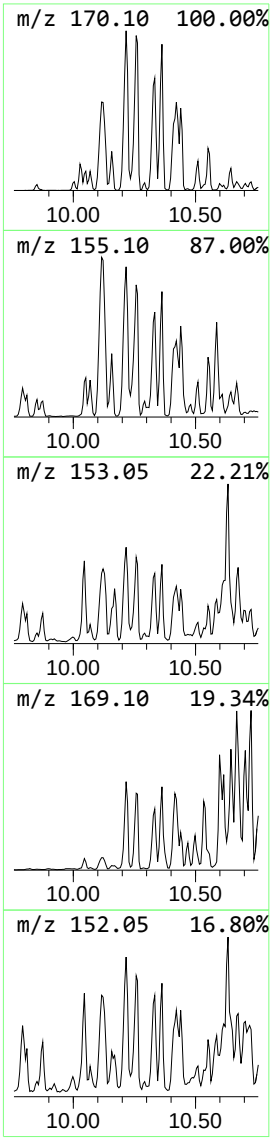
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	127.84 ng	7752910	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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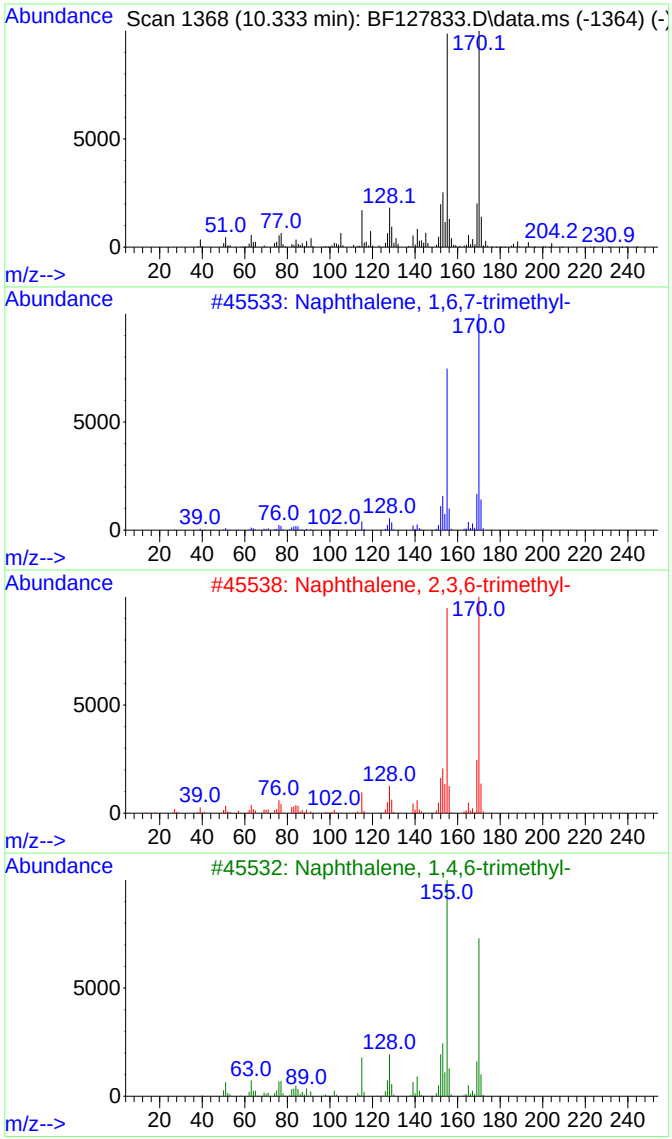
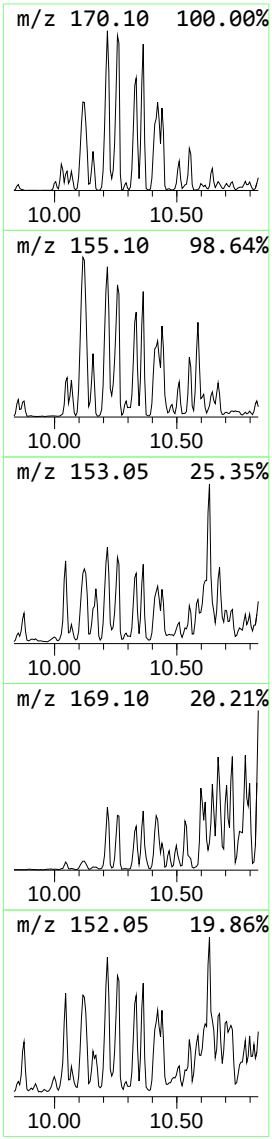
Peak Number 11 4,6,8-Trimethylazulene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	73.23 ng	4440910	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Operator : CG\JU
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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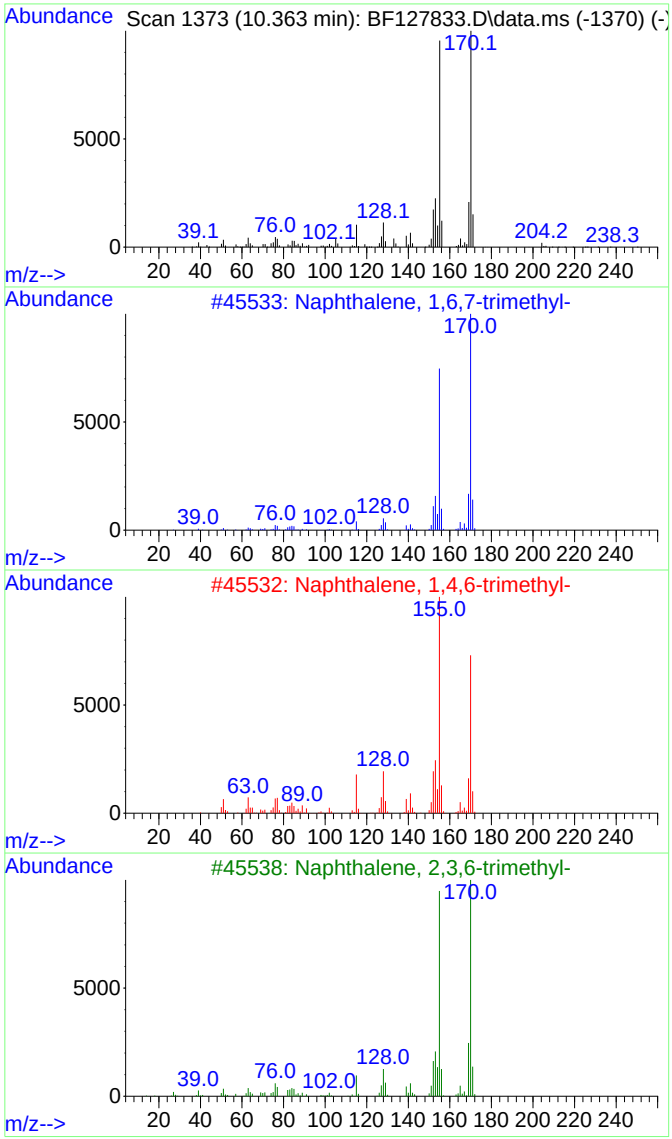
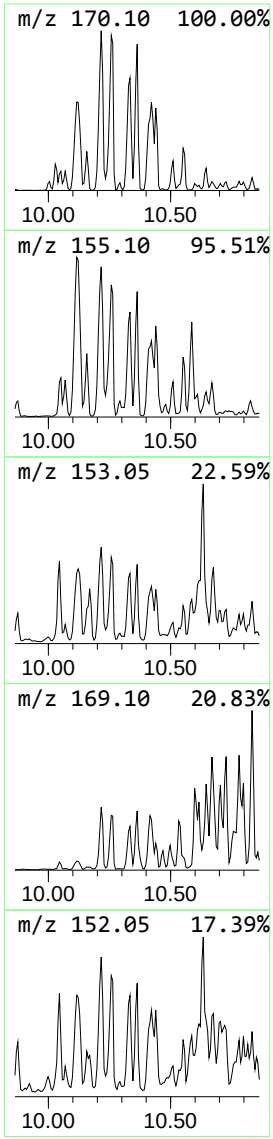
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.363	66.08 ng	4007480	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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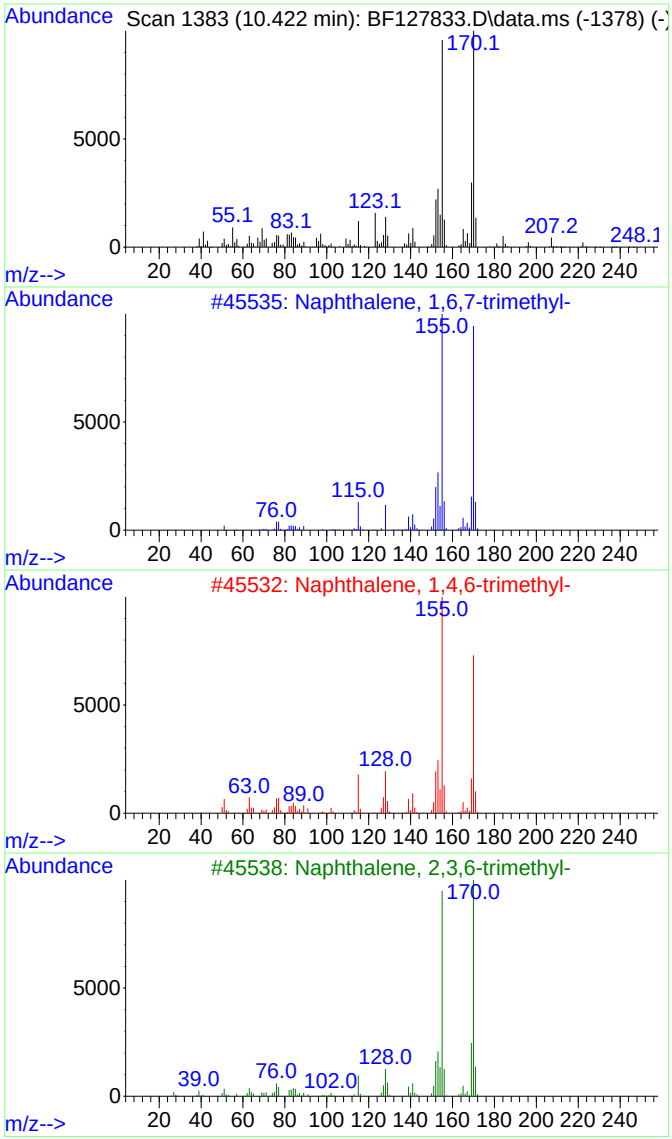
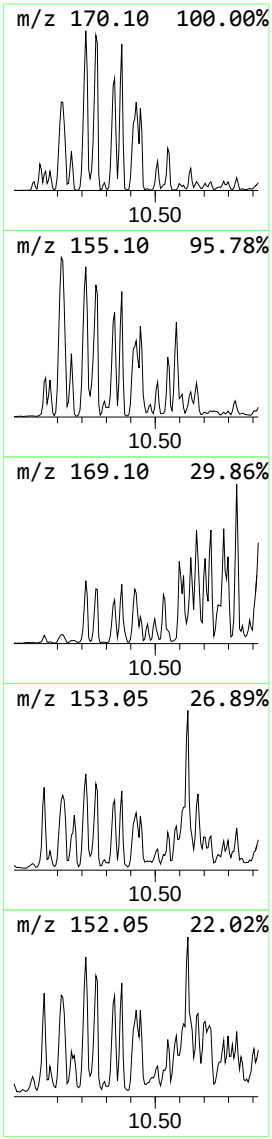
Peak Number 13 unknown10.422 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.422	71.66 ng	4346030	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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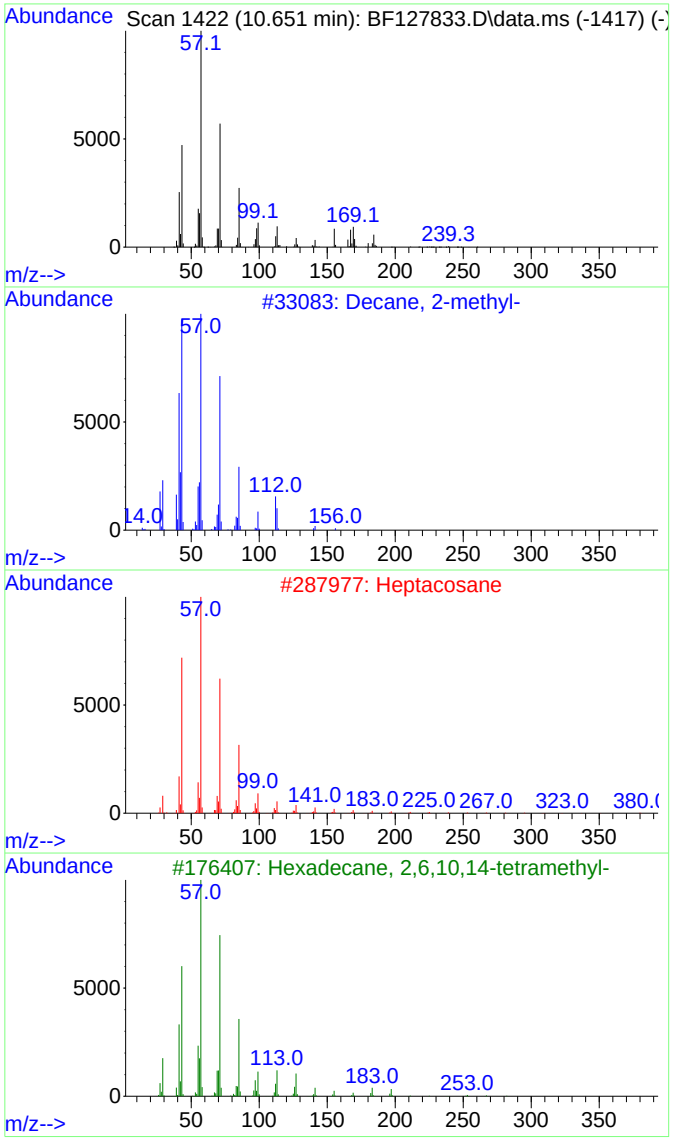
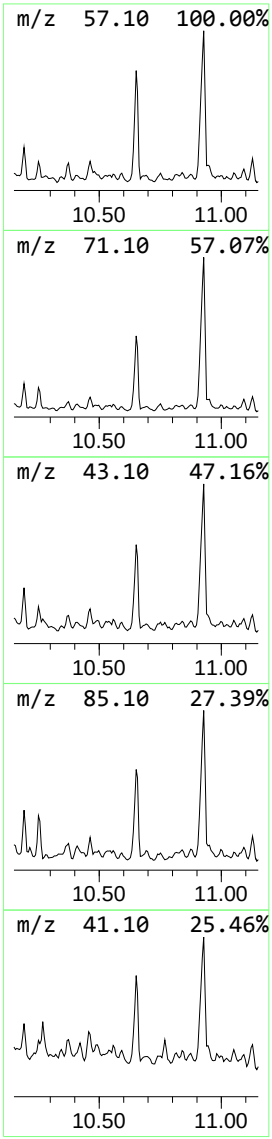
Peak Number 14 Decane, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.651	91.72 ng	5562360	Acenaphthene-d10	10.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	68
2	Heptacosane	380	C27H56	000593-49-7	64
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
5	Hexadecane	226	C16H34	000544-76-3	62





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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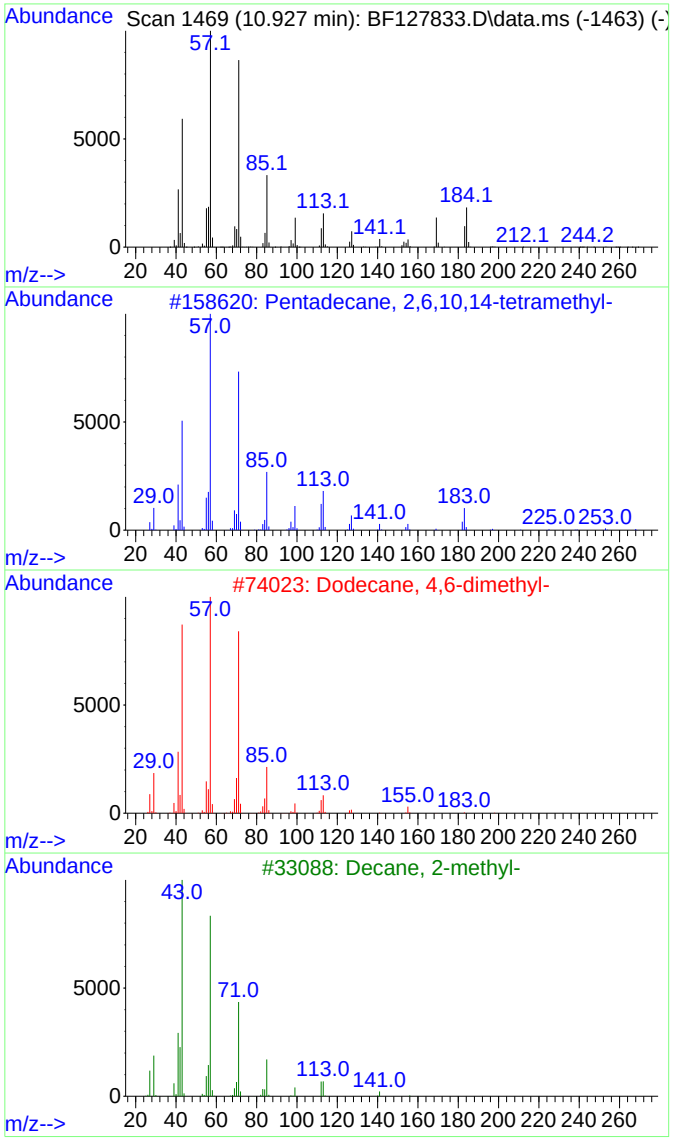
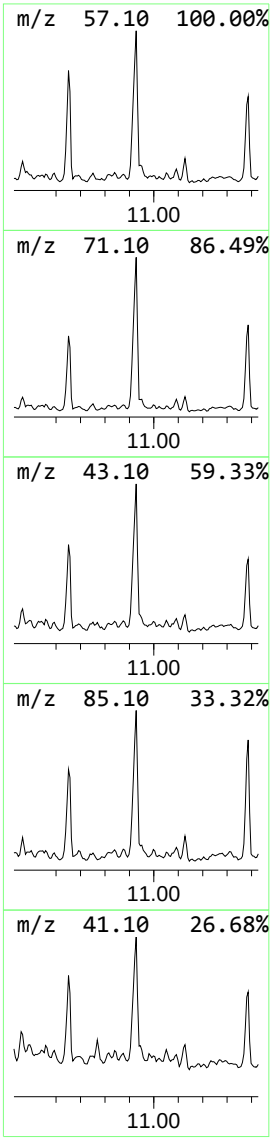
Peak Number 15 Pentadecane, 2,6,10,14-tetr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.928	174.37 ng	9080430	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
2	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	68
3	Decane, 2-methyl-	156	C11H24	006975-98-0	64
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	52





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TIC Library : C:\Database\NIST20.L
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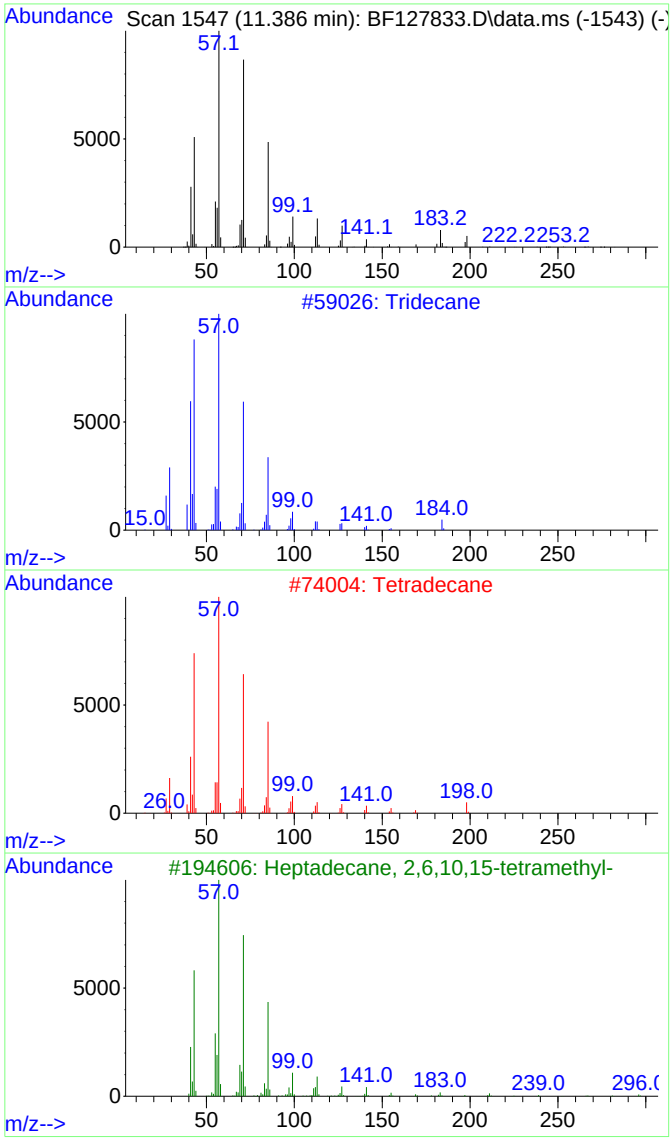
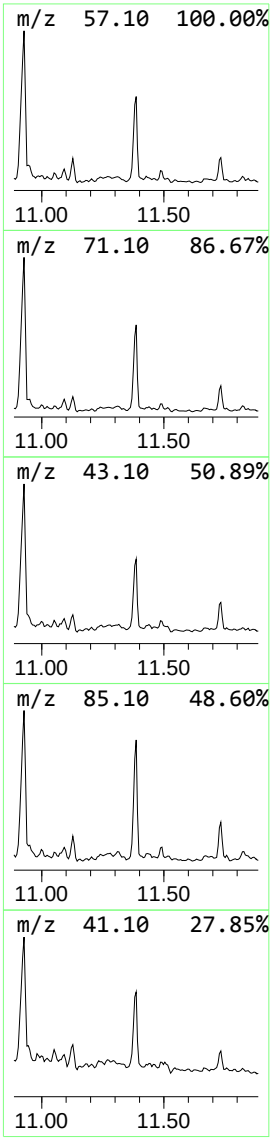
Peak Number 16 Tetradecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.386	110.95 ng	5777700	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	86





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Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

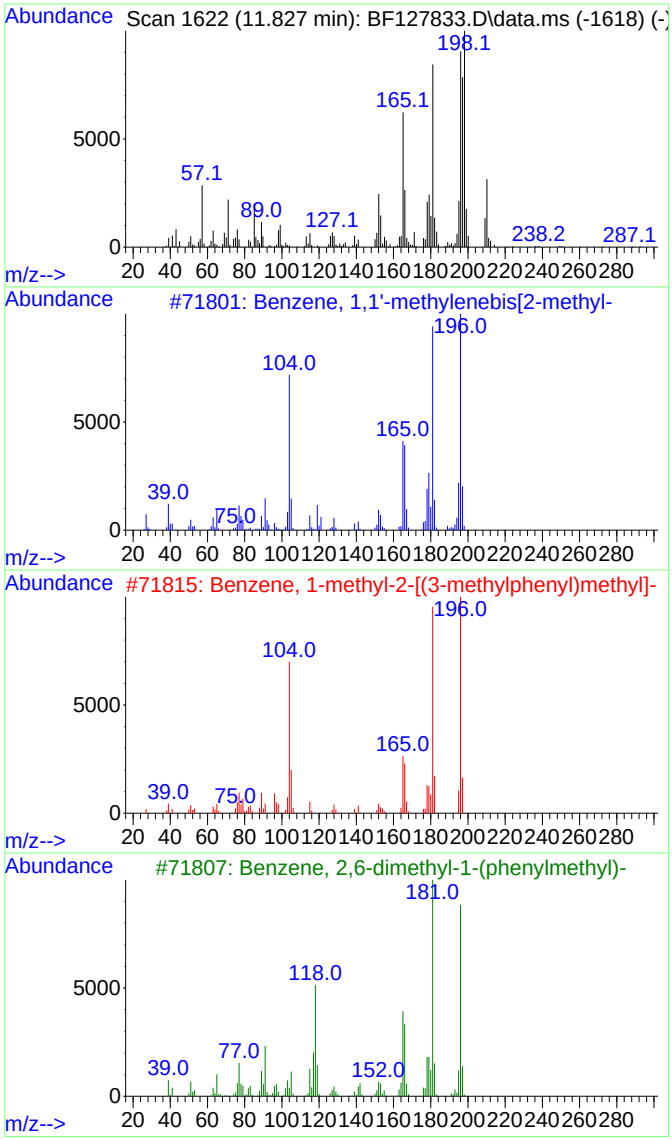
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

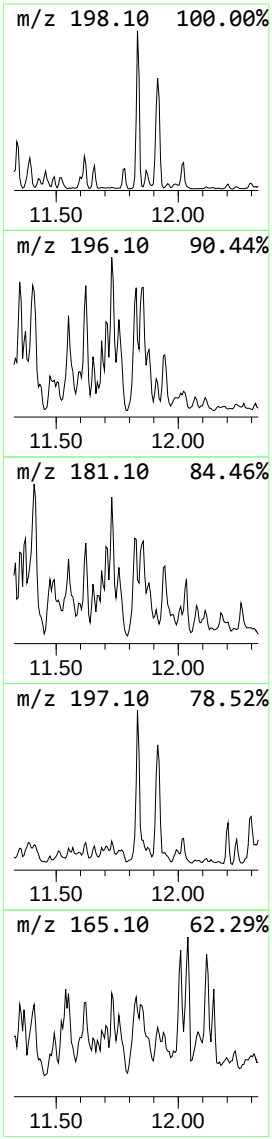
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1,1'-methylenebis[... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.827	78.04 ng	4063760	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-methylenebis[2-met...	196	C15H16	001634-74-8	70
2	Benzene, 1-methyl-2-[(3-methylph...	196	C15H16	021895-13-6	50
3	Benzene, 2,6-dimethyl-1-(phenylm...	196	C15H16	028122-29-4	50
4	1,1'-Biphenyl, 3-(1-methylethyl)-	196	C15H16	020282-30-8	43
5	Benzene, 2,4-dimethyl-1-(phenylm...	196	C15H16	028122-28-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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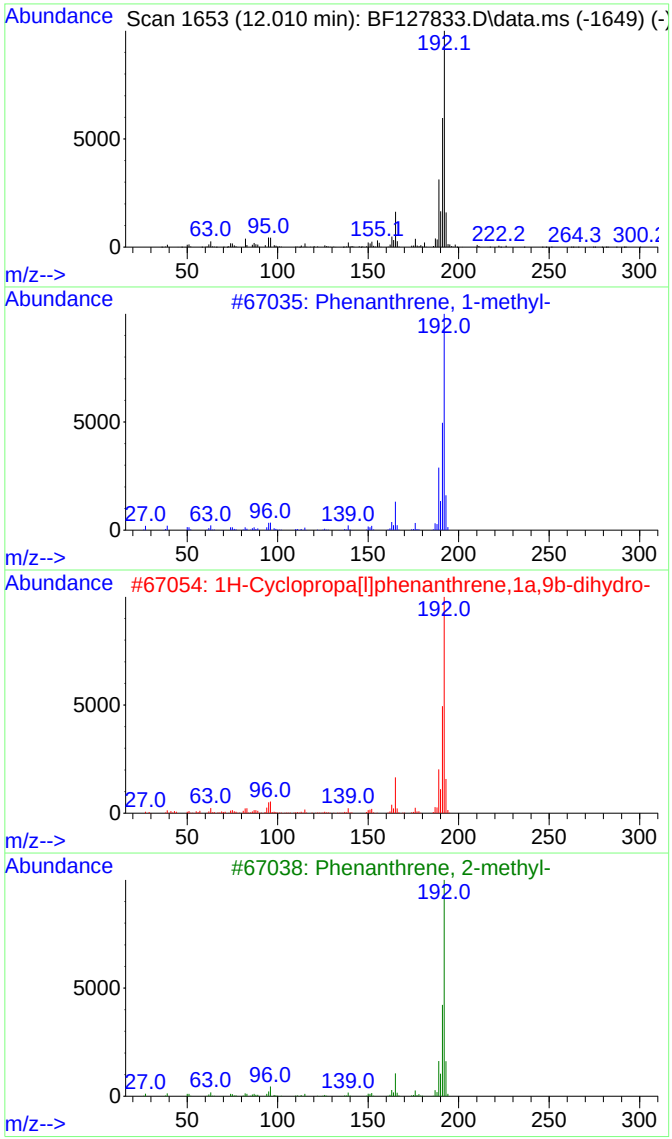
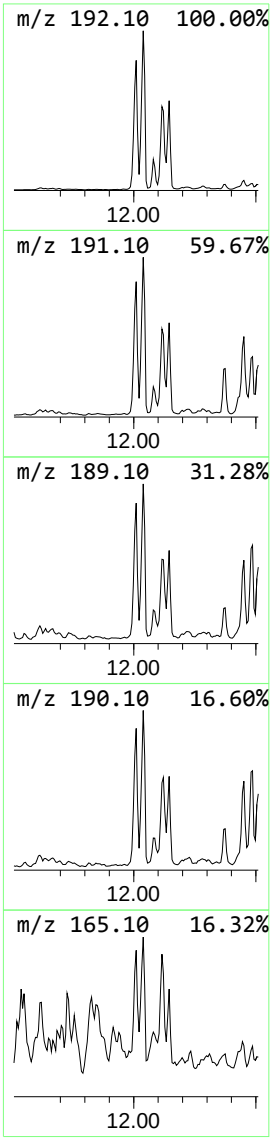
Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	57.69 ng	3004340	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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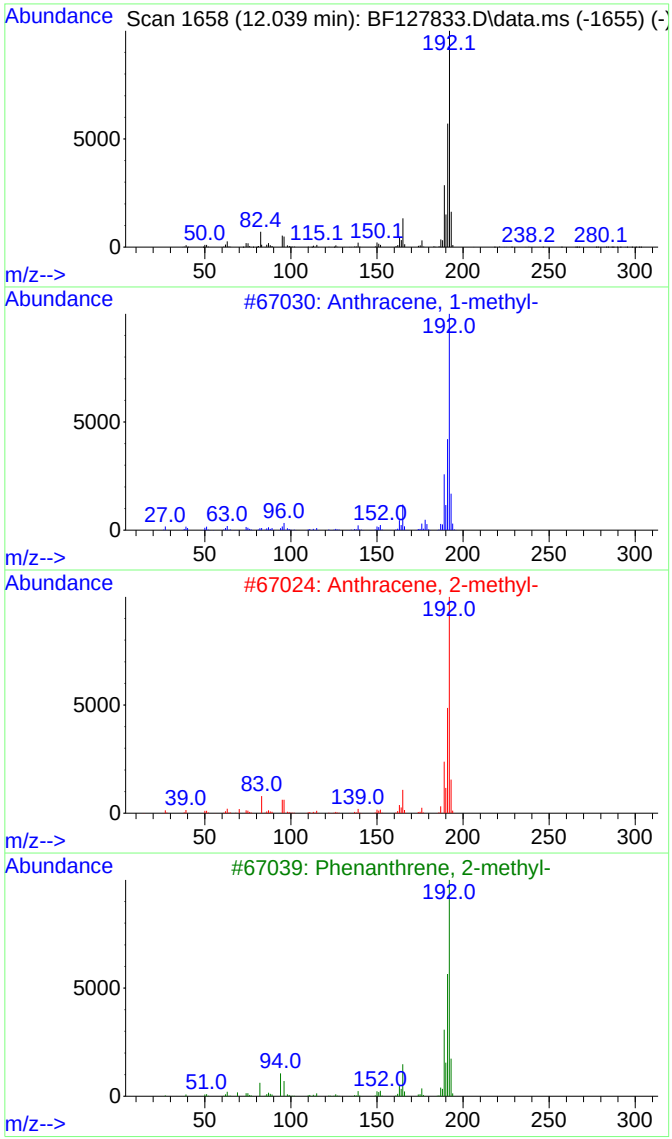
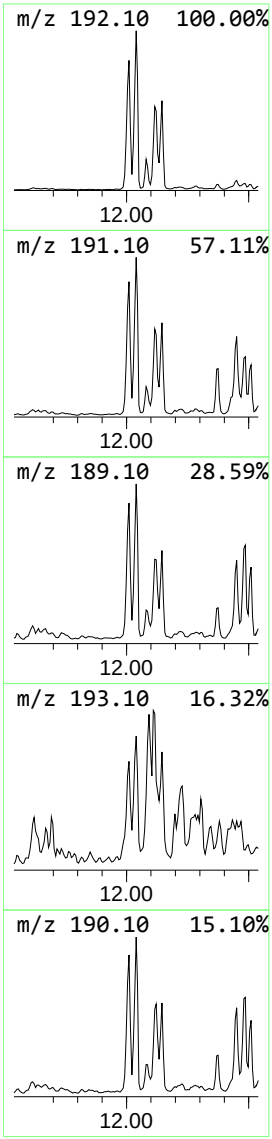
Peak Number 19 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	67.68 ng	3524410	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

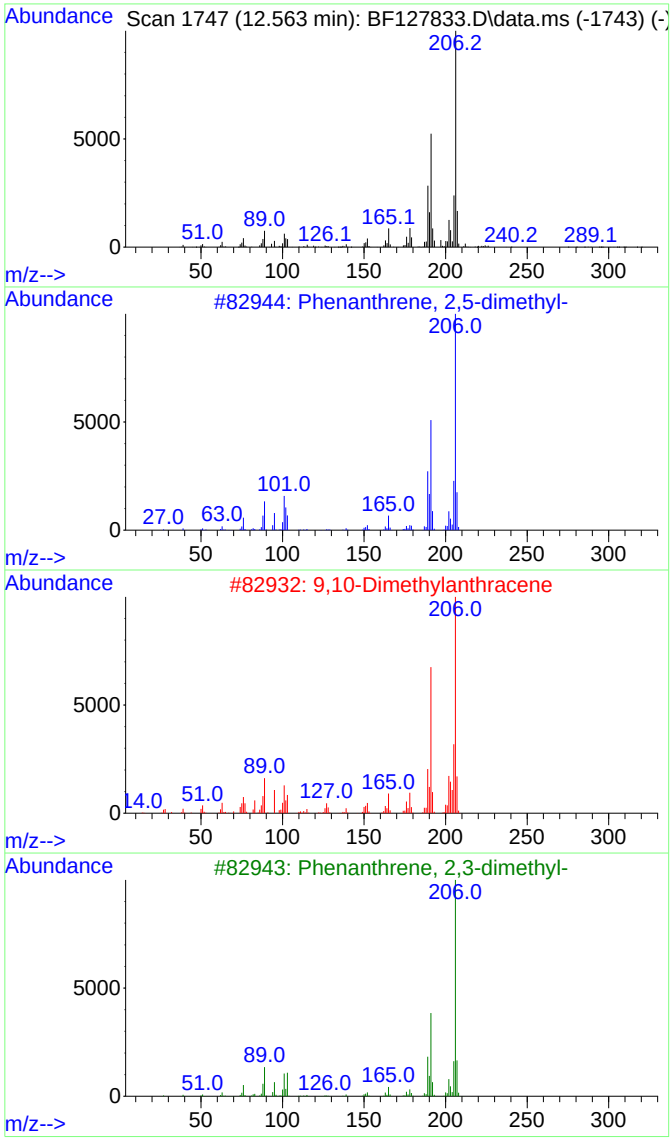
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

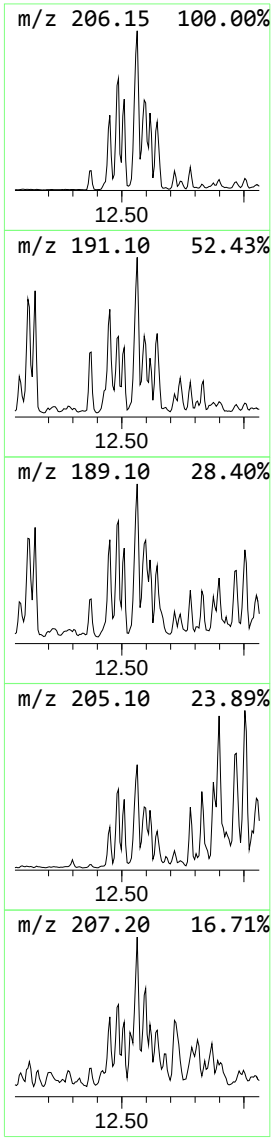
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	74.93 ng	3902100	Phenanthrene-d10	11.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041822\
Data File : BF127833.D
Acq On : 18 Apr 2022 18:57
Operator : CG\JU
Sample : N2444-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-12

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecane, 2,7,1...	9.263	103.6	ng	6284750	3	10.010	1212900	20.0
Naphthalene, 2-...	9.528	63.6	ng	3858150	3	10.010	1212900	20.0
Naphthalene, 2,...	9.592	84.6	ng	5132660	3	10.010	1212900	20.0
Naphthalene, 2,...	9.680	159.8	ng	9692890	3	10.010	1212900	20.0
Naphthalene, 1,...	9.710	88.0	ng	5340050	3	10.010	1212900	20.0
Tridecane	9.722	81.4	ng	4935730	3	10.010	1212900	20.0
Naphthalene, 1,...	9.792	90.5	ng	5485100	3	10.010	1212900	20.0
Naphthalene, 1,...	10.116	89.2	ng	5410540	3	10.010	1212900	20.0
Naphthalene, 2,...	10.216	89.5	ng	5428050	3	10.010	1212900	20.0
Naphthalene, 1,...	10.257	127.8	ng	7752910	3	10.010	1212900	20.0
4,6,8-Trimethyl...	10.333	73.2	ng	4440910	3	10.010	1212900	20.0
Naphthalene, 1,...	10.363	66.1	ng	4007480	3	10.010	1212900	20.0
unknown10.422	10.422	71.7	ng	4346030	3	10.010	1212900	20.0
Decane, 2-methyl-	10.651	91.7	ng	5562360	3	10.010	1212900	20.0
Pentadecane, 2,...	10.928	174.4	ng	9080430	4	11.504	1041520	20.0
Tetradecane	11.386	111.0	ng	5777700	4	11.504	1041520	20.0
Benzene, 1,1'-m...	11.827	78.0	ng	4063760	4	11.504	1041520	20.0
Phenanthrene, 1...	12.010	57.7	ng	3004340	4	11.504	1041520	20.0
Anthracene, 1-m...	12.039	67.7	ng	3524410	4	11.504	1041520	20.0
Phenanthrene, 2...	12.563	74.9	ng	3902100	4	11.504	1041520	20.0