LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF131606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.146	3	10	18	rVB	395136	491208	3.55%	0.349%
2	5.104	508	513	520	rVB	199766	239792	1.73%	0.171%
3	5.516	578	583	586	rBV	1670606	1470920	10.64%	1.046%
4	6.534	751	756	759	rBV	1459710	1447975	10.47%	1.030%
5	6.892	813	817	820	rVB	463680	348986	2.52%	0.248%
6	7.463	909	914	916	rBV	912630	894581	6.47%	0.636%
7	8.216	1033	1042	1045	rBV	4981894	5305324	38.38%	3.773%
8	8.904	1154	1159	1162	rVB	2098420	1854559	13.42%	1.319%
9	8.998	1170	1175	1179	rBV	1196910	1106018	8.00%	0.787%
10	9.263	1216	1220	1223	rVB	1744400	1362389	9.86%	0.969%
11	9.363	1235	1237	1242	rVB	493384	392887	2.84%	0.279%
12	9.463	1251	1254	1259	rVB	273572	305606	2.21%	0.217%
13	9.533	1259	1266	1269	rBV	459332	630949	4.56%	0.449%
14	9.604	1274	1278	1280	rBV	663755	646554	4.68%	0.460%
15	9.628	1280	1282	1286	rVB	422584	365586	2.64%	0.260%
16	9.722	1293	1298	1303	rVB	343416	358718	2.59%	0.255%
17	9.810	1309	1313	1316	rVB2	392969	374556	2.71%	0.266%
18	9.928	1330	1333	1335	rBV	249596	239040	1.73%	0.170%
19	9.951	1335	1337	1339	rVV	394610	325536	2.35%	0.232%
20	9.986	1339	1343	1346	rVV	2430205	1979525	14.32%	1.408%
21	10.157	1368	1372	1375	rVV	1882626	1758966	12.72%	1.251%
22	10.263	1386	1390	1393	rBV2	214607	232252	1.68%	0.165%
23	10.510	1427	1432	1435	rVB	3035468	2806141	20.30%	1.996%
24	10.569	1440	1442	1443	rVV	290406	245242	1.77%	0.174%
25	10.586	1443	1445	1447	rVV	453134	388167	2.81%	0.276%
26	10.657	1455	1457	1461	rVV	593209	487799	3.53%	0.347%
27	10.745	1464	1472	1475	rVV	1516420	1608943	11.64%	1.144%
28	10.863	1487	1492	1496	rVB4	159640	221931	1.61%	0.158%
29	11.051	1517	1524	1527	rBV2	580634	663158	4.80%	0.472%
30	11.080	1527	1529	1532	rVV2	295714	282555	2.04%	0.201%
31	11.133	1535	1538	1541	rVV	288568	264840	1.92%	0.188%
32	11.180	1541	1546	1547	rVV2	222220	302678	2.19%	0.215%
33	11.198	1547	1549	1552	rVV3	255082	295443	2.14%	0.210%
34	11.292	1561	1565	1569	rVV2	265059	354412	2.56%	0.252%
35	11.345	1570	1574	1580	rVB	746122	767888	5.55%	0.546%
36	11.498	1587	1600	1602	rBV	7937083	12573398	90.95%	8.942%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.545	1602	1608	1610	rVV	4091223	4273384	30.91%	3.039%
38	11.686	1624	1632	1638	rVV2	1137693	1420257	10.27%	1.010%
39	11.745	1639	1642	1646	rVV4	341240	383023	2.77%	0.272%
40	11.780	1646	1648	1653	rVV2	313669	353707	2.56%	0.252%
41	11.957	1672	1678	1680	rBV	1321635	1356350	9.81%	0.965%
42	11.986	1680	1683	1686	rVV	2000558	1743048	12.61%	1.240%
43	12.033	1686	1691	1694	rVV	908177	927233	6.71%	0.659%
44	12.074	1694	1698	1700	rVV	2600128	3021844	21.86%	2.149%
45	12.092	1700	1701	1705	rVB	1047568	716277	5.18%	0.509%
46	12.133	1705	1708	1711	rBV4	190694	224530	1.62%	0.160%
47	12.251	1725	1728	1731	rVV	1066769	927012	6.71%	0.659%
48	12.427	1756	1758	1761	rBV	268121	247141	1.79%	0.176%
49	12.510	1767	1772	1775	rBV	680912	944597	6.83%	0.672%
50	12.545	1775	1778	1784	rVB2	487228	764536	5.53%	0.544%
51	12.610	1784	1789	1794	rVB2	349857	541220	3.92%	0.385%
52	12.704	1796	1805	1807	rBV	8082493	12620431	91.29%	8.976%
53	12.739	1809	1811	1814	rVV	258933	234978	1.70%	0.167%
54	12.827	1821	1826	1829	rBV	525122	591294	4.28%	0.421%
55	12.939	1836	1845	1847	rBV3	7104410	13823956	100.00%	9.832%
56	12.957	1847	1848	1853	rVB2	666116	537204	3.89%	0.382%
57	13.027	1856	1860	1861	rBV	740010	723223	5.23%	0.514%
58	13.045	1861	1863	1865	rVV	1381629	1242152	8.99%	0.883%
59	13.069	1865	1867	1870	rVB	602197	569586	4.12%	0.405%
60	13.133	1871	1878	1880	rBV2	791433	1393625	10.08%	0.991%
61	13.216	1888	1892	1893	rBV3	643220	745041	5.39%	0.530%
62	13.245	1893	1897	1899	rVB	2372384	2307228	16.69%	1.641%
63	13.310	1904	1908	1911	rBV	2097540	2179723	15.77%	1.550%
64	13.345	1911	1914	1917	rVV2	1067682	1273747	9.21%	0.906%
65	13.439	1926	1930	1932	rBV	674872	609501	4.41%	0.433%
66	13.468	1932	1935	1938	rBV	684907	572785	4.14%	0.407%
67	13.639	1961	1964	1966	rVV2	300415	372999	2.70%	0.265%
68	13.657	1966	1967	1970	rVV2	330284	250878	1.81%	0.178%
69	13.721	1974	1978	1981	rBV	394341	549064	3.97%	0.391%
70	13.751	1981	1983	1987	rVB3	300915	322966	2.34%	0.230%
71	13.863	1997	2002	2004	rBV	598925	732535	5.30%	0.521%
72	13.892	2004	2007	2009	rVV	913323	925484	6.69%	0.658%
73	13.916	2009	2011	2017	rVV3	742392	1036872	7.50%	0.737%
74	13.963	2017	2019	2022	rVB	237562	231339	1.67%	0.165%
75	14.121	2038	2046	2049	rBV2	3789154	6944657	50.24%	4.939%
76	14.157	2049	2052	2055	rVV	3751015	4133211	29.90%	2.940%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

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-BF120822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.233	2061	2065	2068	rVV	1330593	1259353	9.11%	0.896%
78	14.268	2068	2071	2074	rVV3	486817	624200	4.52%	0.444%
79	14.310	2076	2078	2080	rVV	427761	375228	2.71%	0.267%
80	14.345	2080	2084	2087	rVV2	517502	725452	5.25%	0.516%
81	14.463	2101	2104	2106	rVV	443403	488661	3.53%	0.348%
82	14.504	2107	2111	2114	rVV	1046082	1303137	9.43%	0.927%
83	14.539	2114	2117	2119	rVV	517938	537704	3.89%	0.382%
84	14.574	2120	2123	2124	rVV3	235883	277672	2.01%	0.197%
85	14.604	2125	2128	2130	rVV2	642966	742661	5.37%	0.528%
86	14.633	2130	2133	2135	rVV2	603771	704604	5.10%	0.501%
87	14.657	2135	2137	2141	rVV2	802397	769429	5.57%	0.547%
88	14.704	2141	2145	2151	rVB3	355537	569098	4.12%	0.405%
89	15.021	2196	2199	2206	rVB2	202385	261912	1.89%	0.186%
90	15.210	2223	2231	2233	rBV	2029794	4020964	29.09%	2.860%
91	15.233	2233	2235	2237	rVB	1363963	1109987	8.03%	0.789%
92	15.310	2244	2248	2252	rBV	622009	670415	4.85%	0.477%
93	15.521	2278	2284	2290	rVB	1191772	1915891	13.86%	1.363%
94	15.598	2290	2297	2301	rVB	2031920	3182263	23.02%	2.263%
95	15.645	2302	2305	2308	rVV	220918	281207	2.03%	0.200%
96	15.686	2308	2312	2317	rVB2	668321	917635	6.64%	0.653%
97	16.233	2402	2405	2409	rVB	199394	263061	1.90%	0.187%
98	17.209	2563	2571	2576	rVB2	725607	1626866	11.77%	1.157%
99	17.686	2643	2652	2663	rVB	482700	1250312	9.04%	0.889%
100	17.927	2688	2693	2706	rVB2	239994	563853	4.08%	0.401%

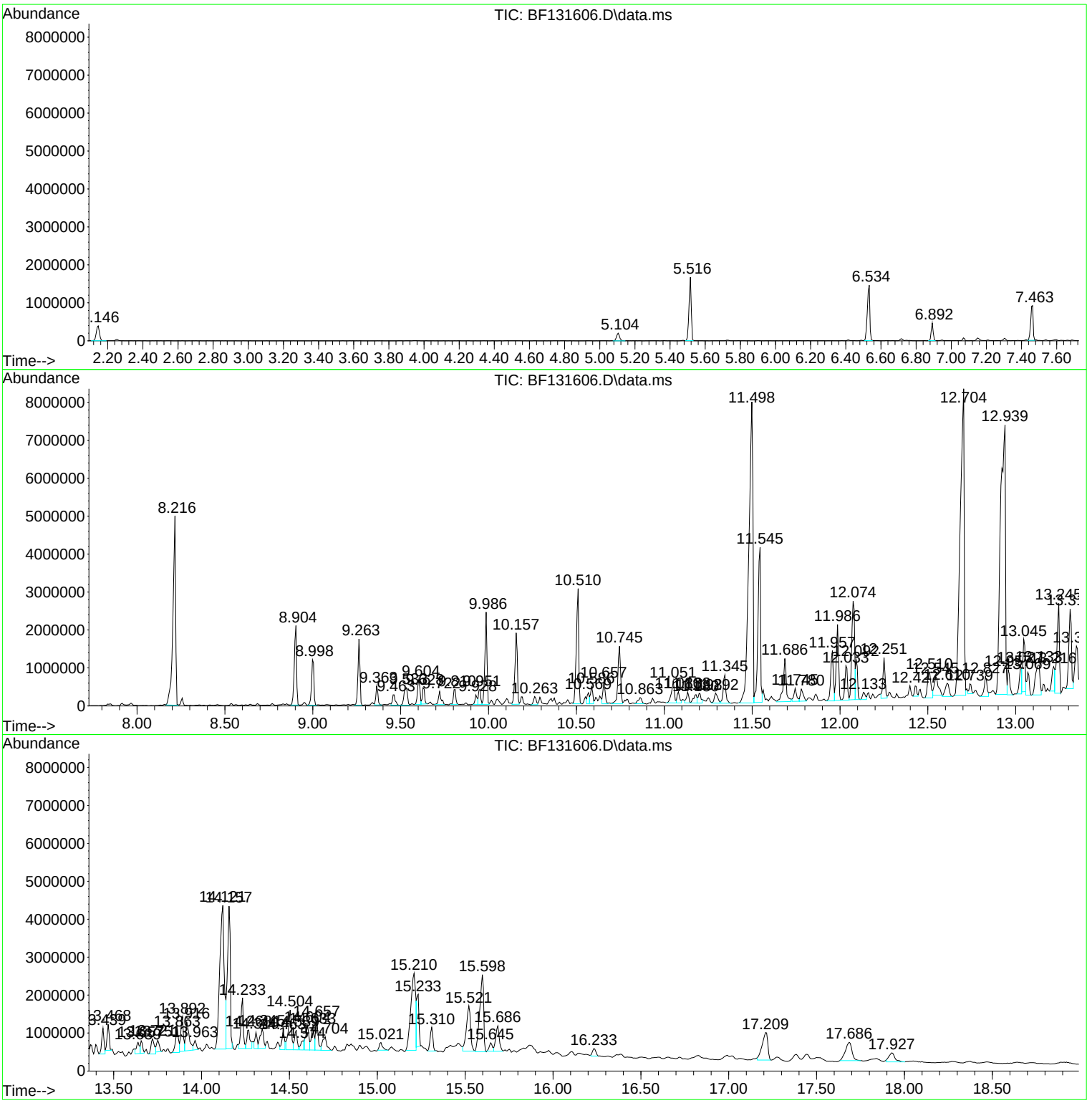
Sum of corrected areas: 140604725

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

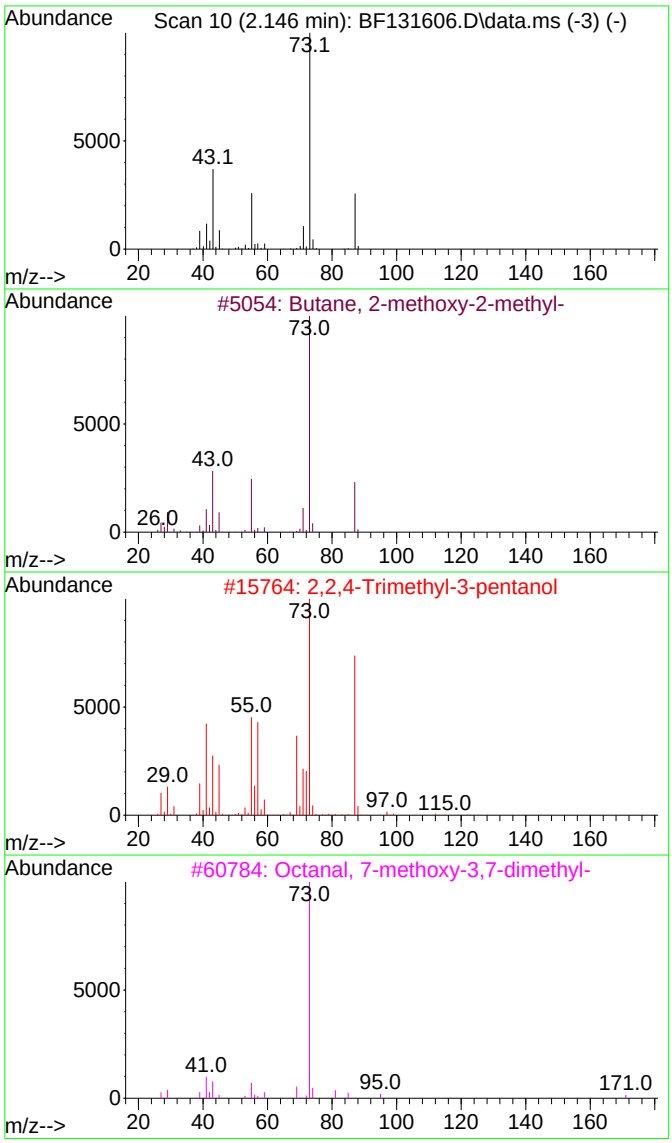
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

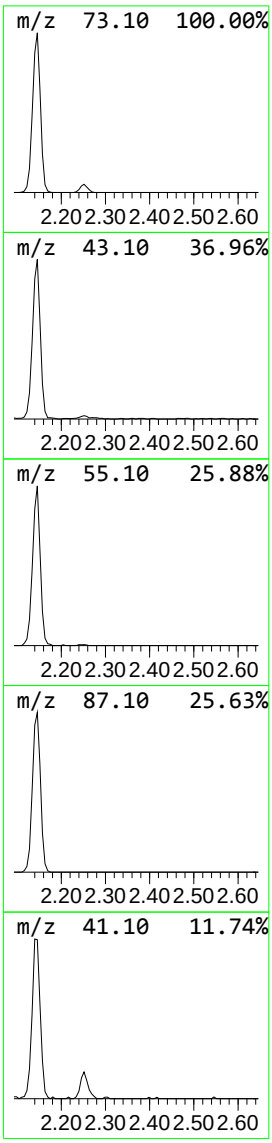
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.146	28.15 ng	491208	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

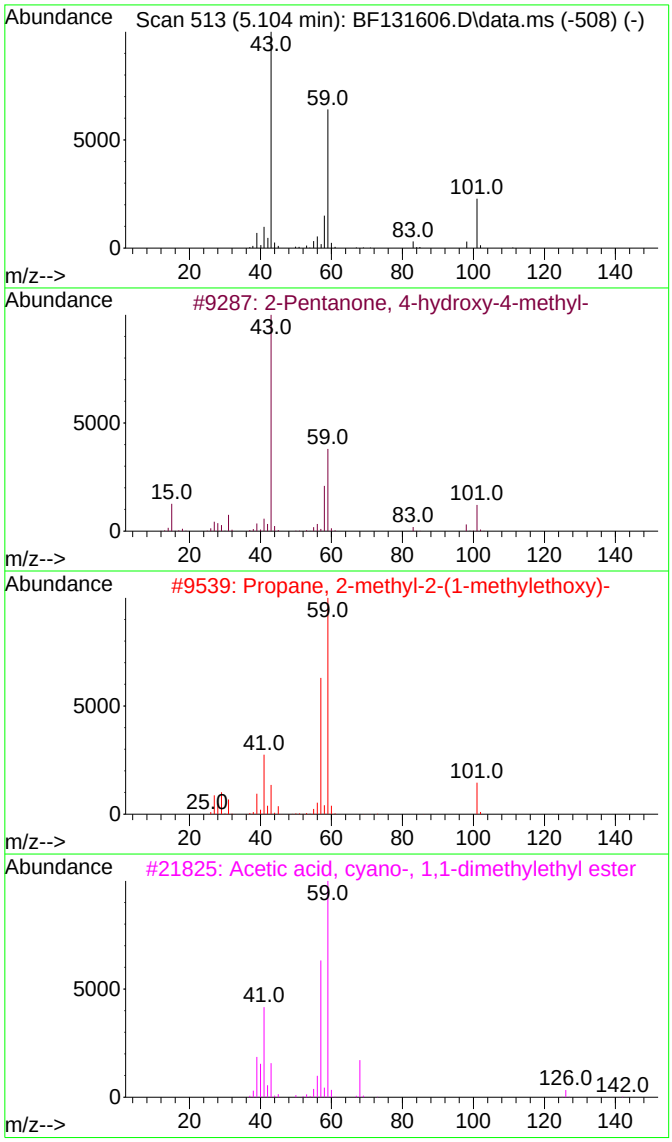
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

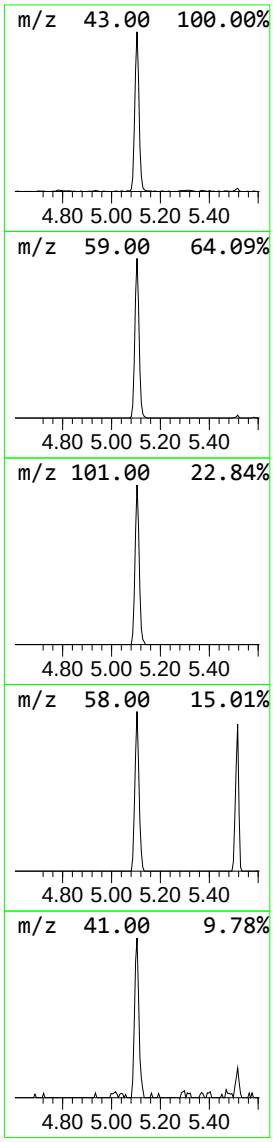
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.104	13.74 ng	239792	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

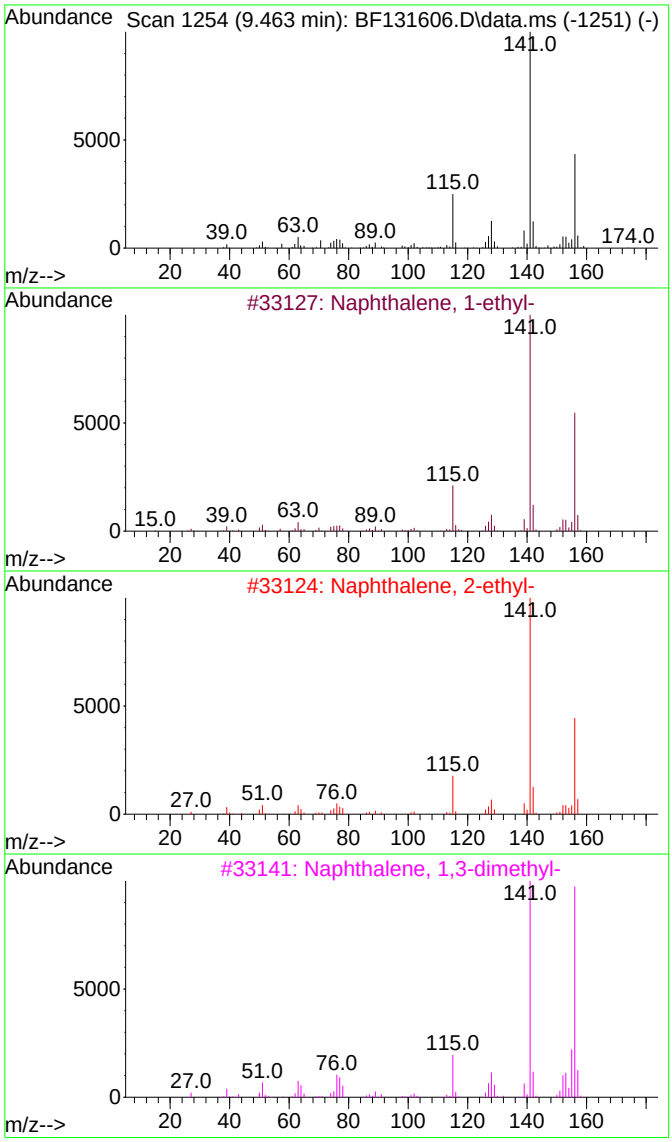
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

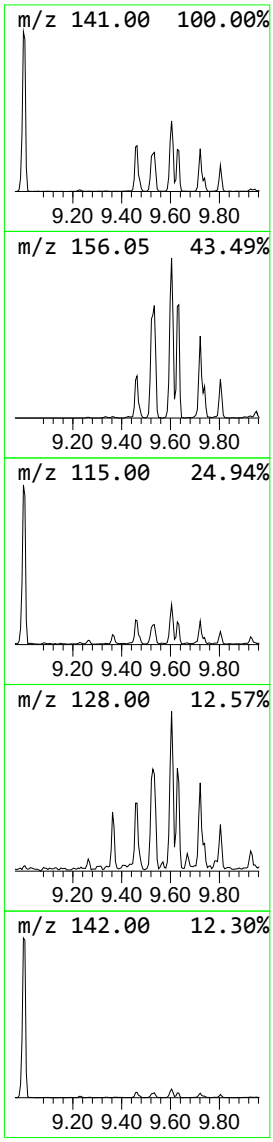
****

Peak Number 3 Naphthalene, 1-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	18.78 ng	305606	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

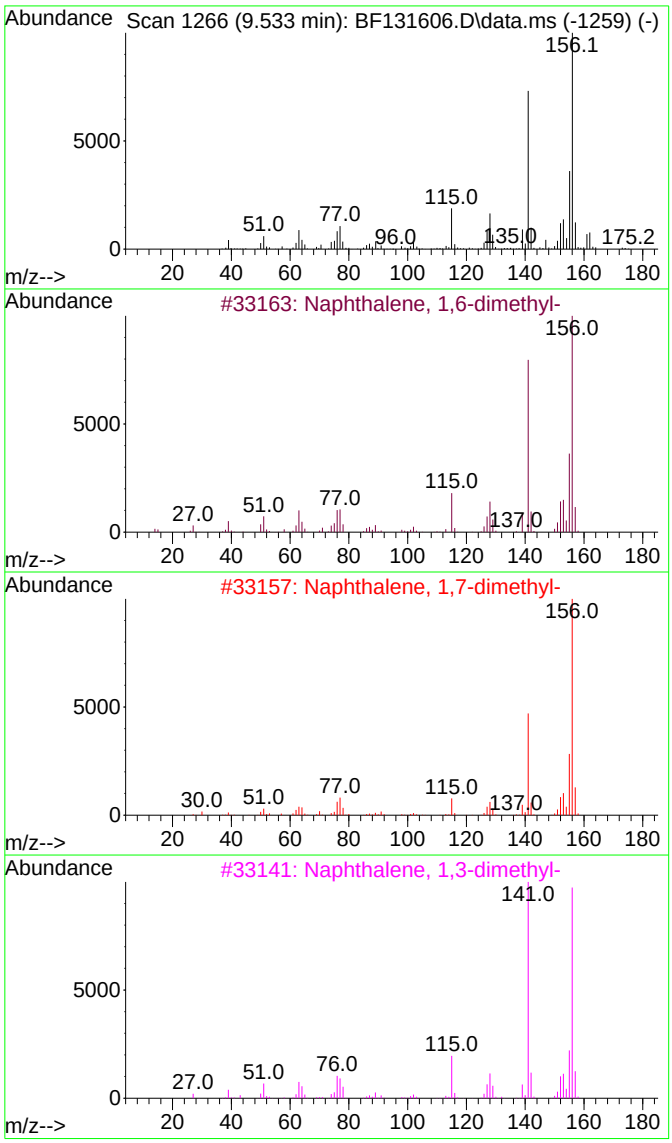
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

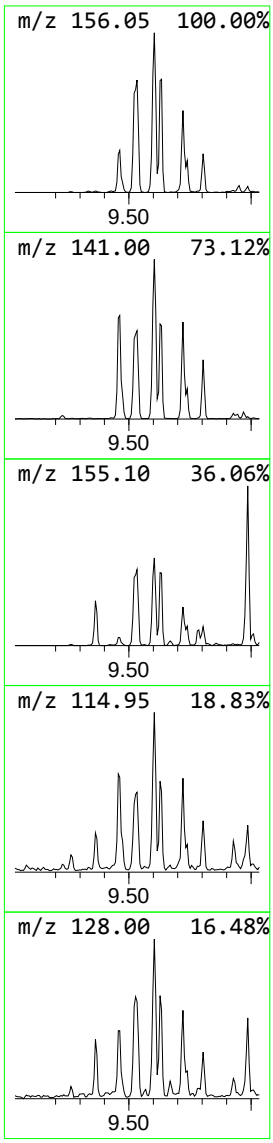
****

Peak Number 4 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.533	38.76 ng	630949	Acenaphthene-d10	9.951

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

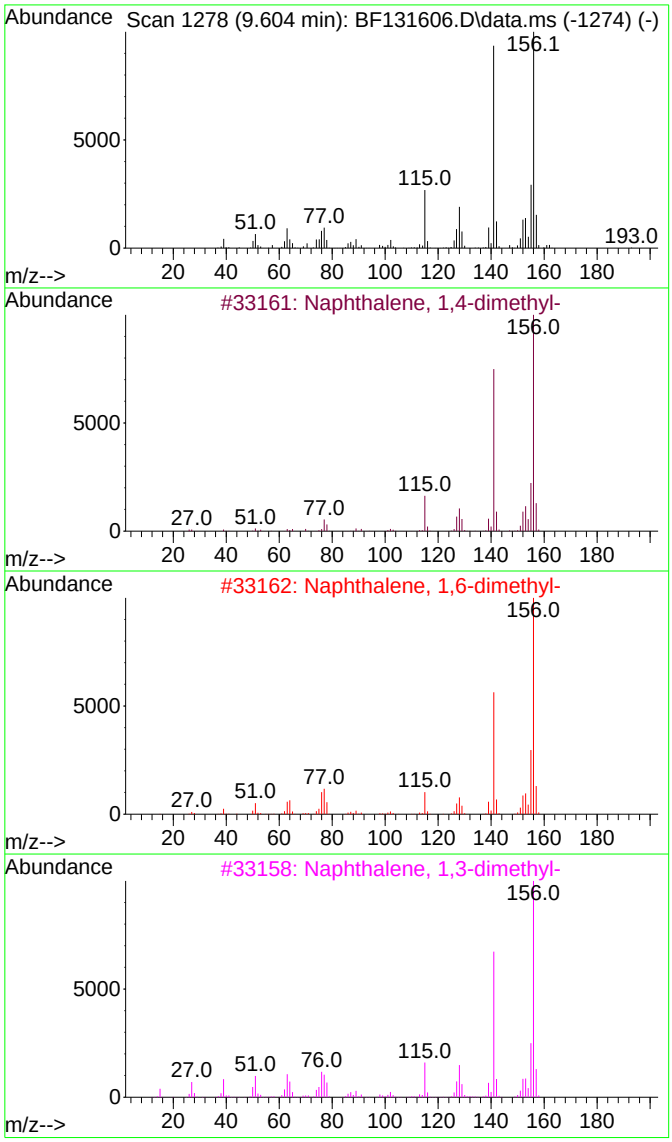
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

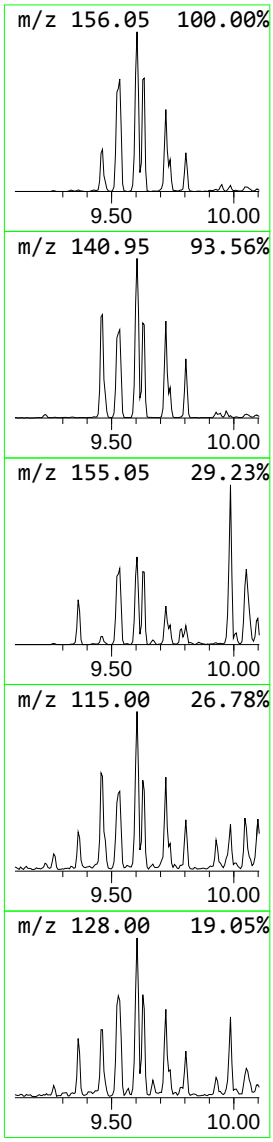
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	39.72 ng	646554	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
OR-02-120922

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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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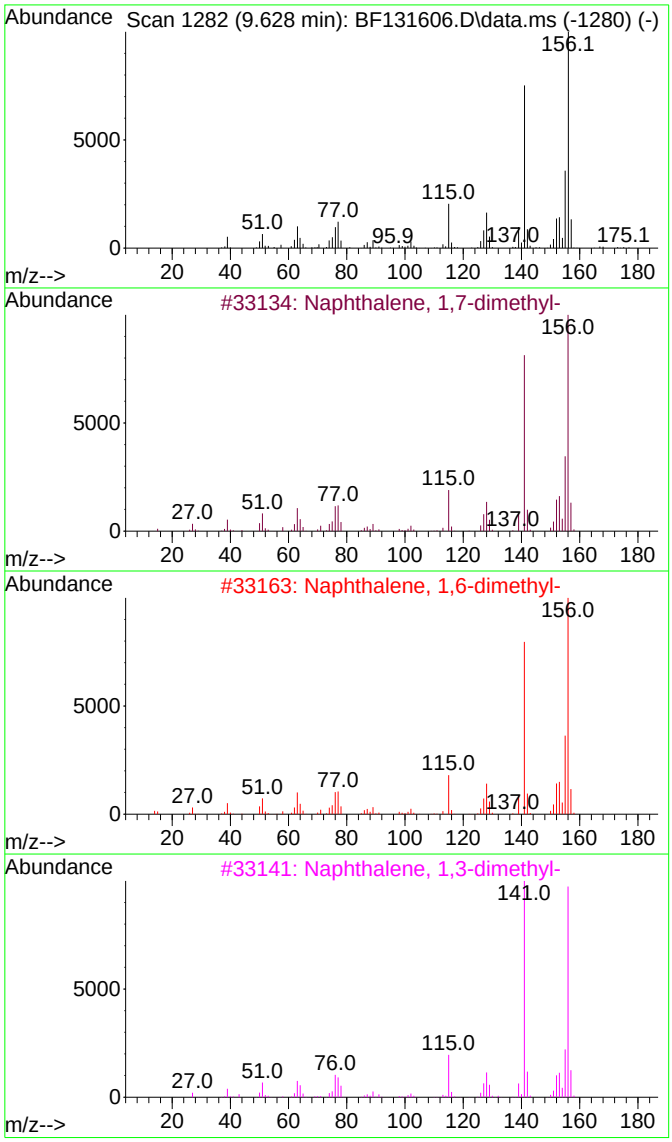
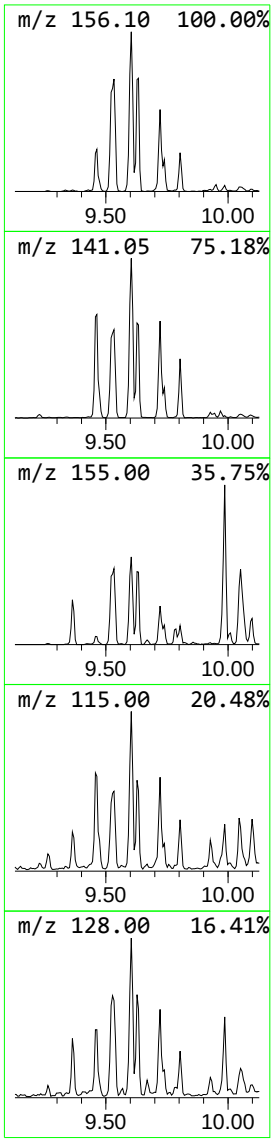
Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	22.46 ng	365586	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





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Misc :
ALS Vial : 19 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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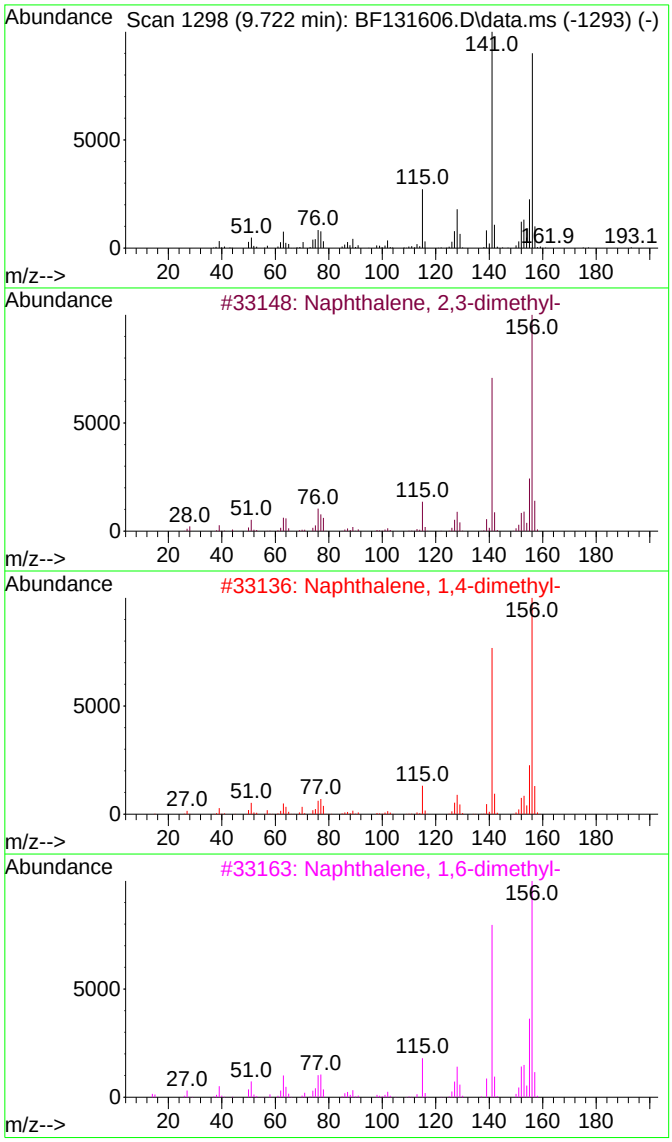
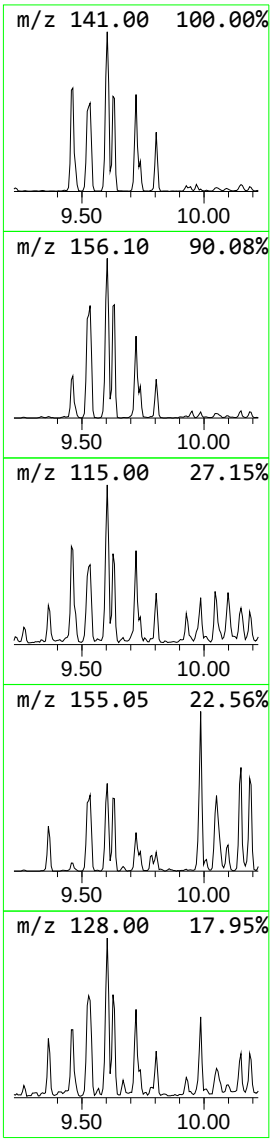
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	22.04 ng	358718	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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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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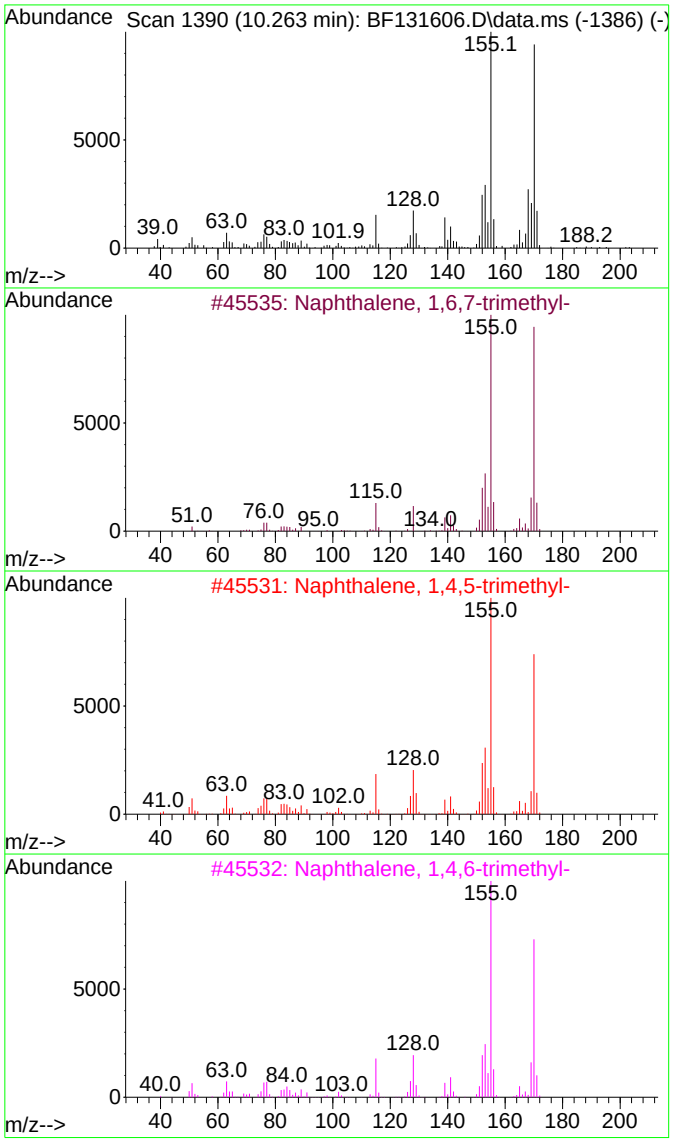
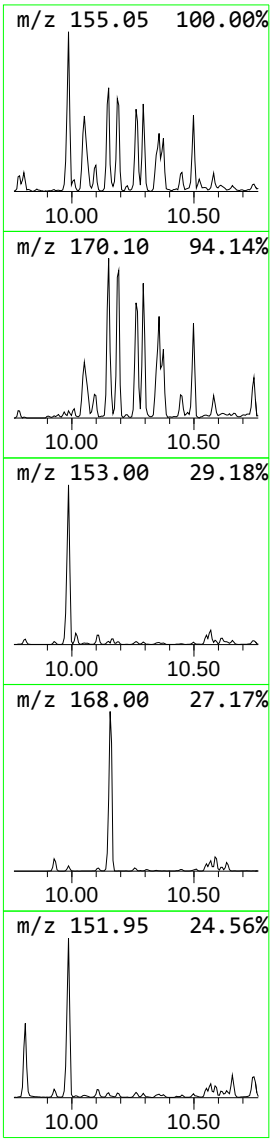
Peak Number 8 Naphthalene, 1,6,7-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.263	14.27 ng	232252	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91





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Misc :
ALS Vial : 19 Sample Multiplier: 1

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BNA_F
ClientSampleId :
OR-02-120922

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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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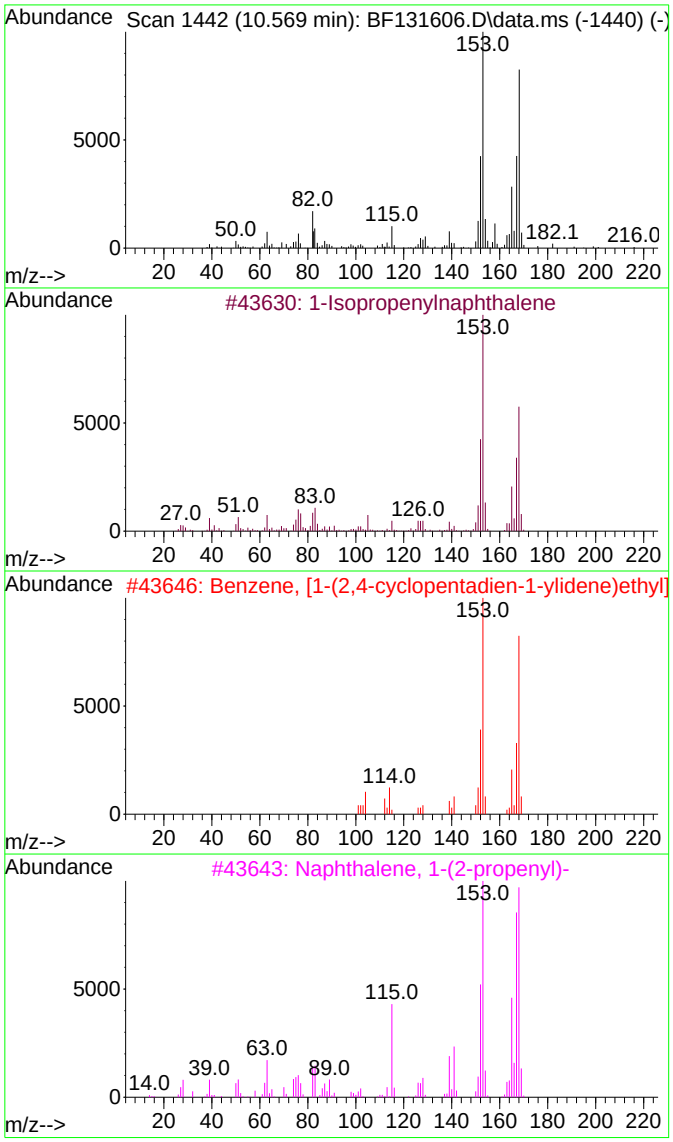
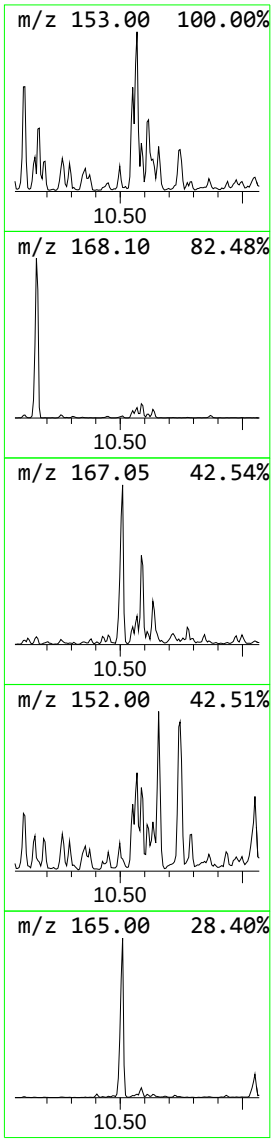
Peak Number 9 1-Isopropenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.569	15.07 ng	245242	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	90
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	87
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	58
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	53
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	53





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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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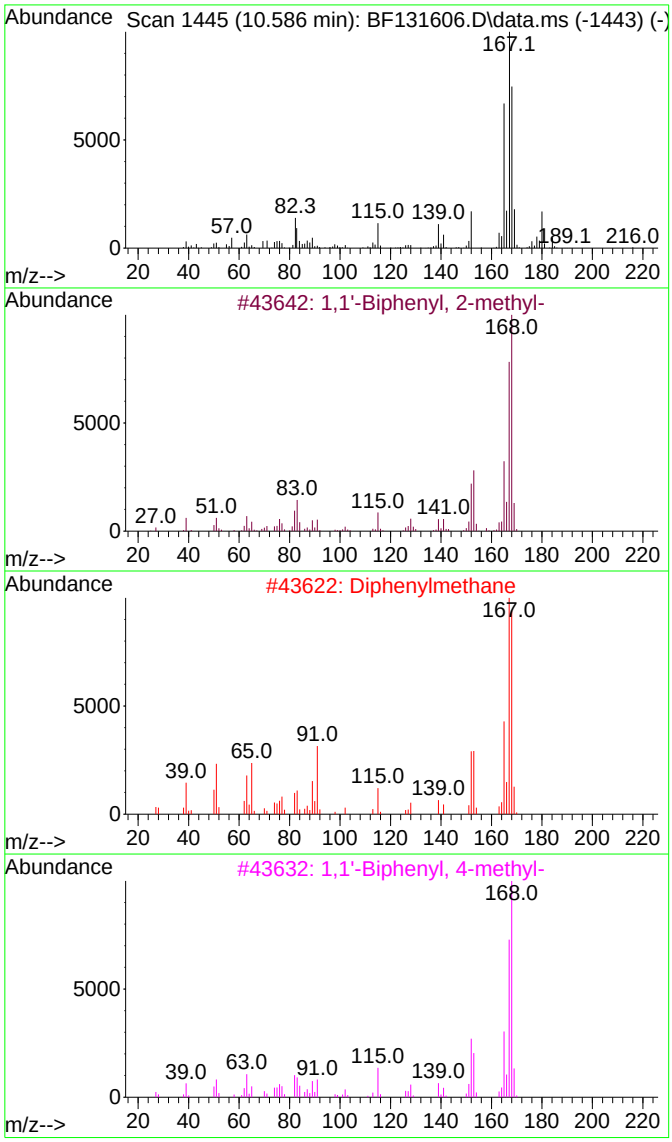
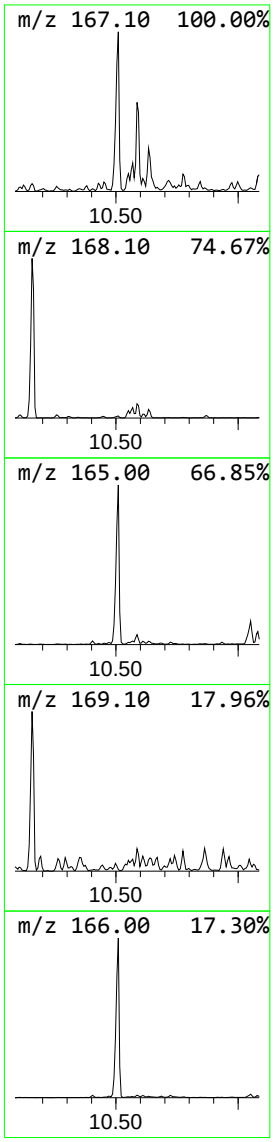
Peak Number 10 1,1'-Biphenyl, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.586	23.85 ng	388167	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
2	Diphenylmethane	168	C13H12	000101-81-5	59
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	43
5	Acetamide, 2,2-diphenyl-N-(2-ben...	345	C23H23NO2	329919-60-0	43





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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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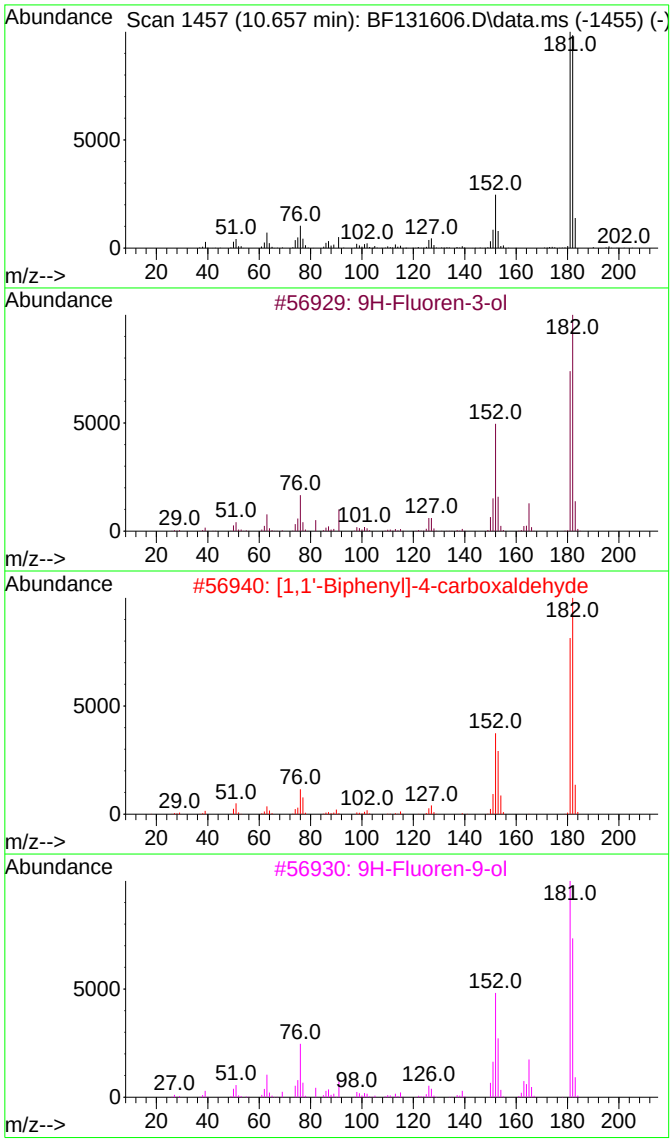
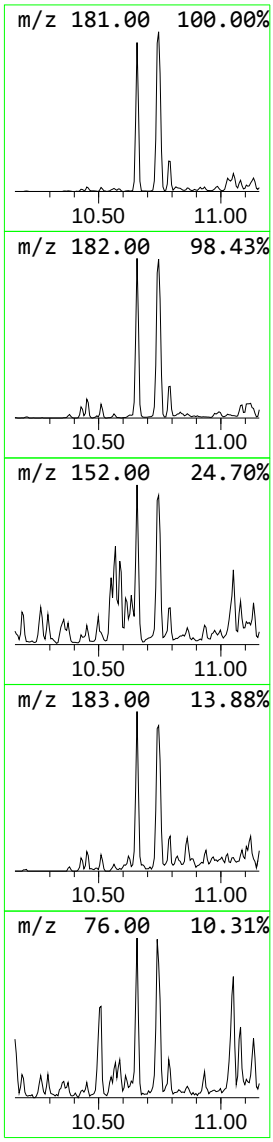
Peak Number 11 9H-Fluoren-3-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.657	29.97 ng	487799	Acenaphthene-d10	9.951

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72





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Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 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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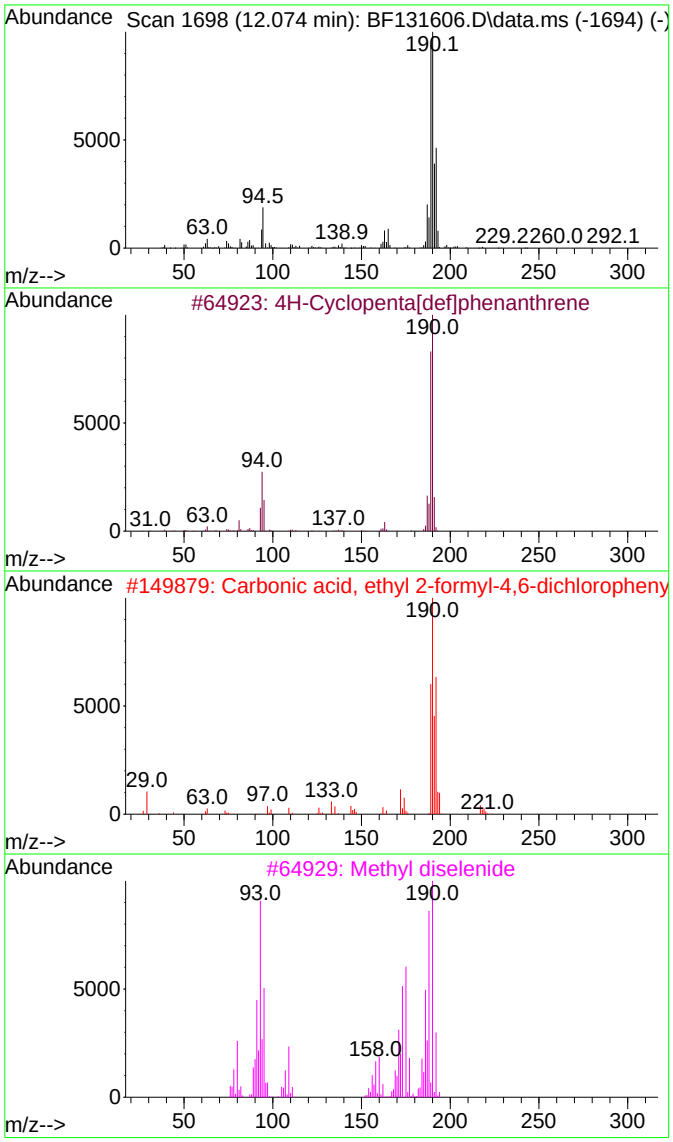
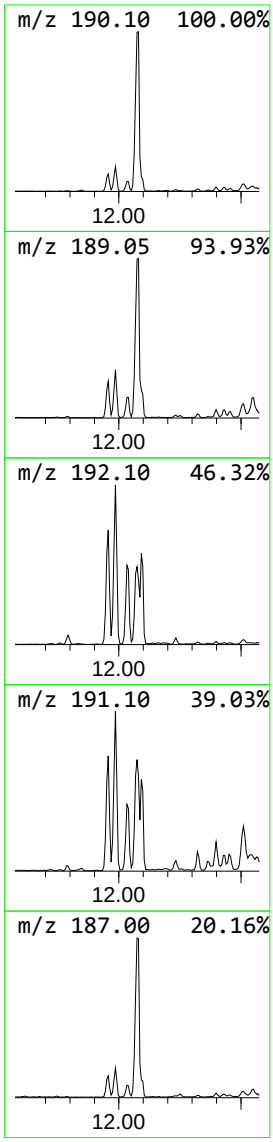
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.075	4.81 ng	3021840	Phenanthrene-d10	11.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Misc :
ALS Vial : 19 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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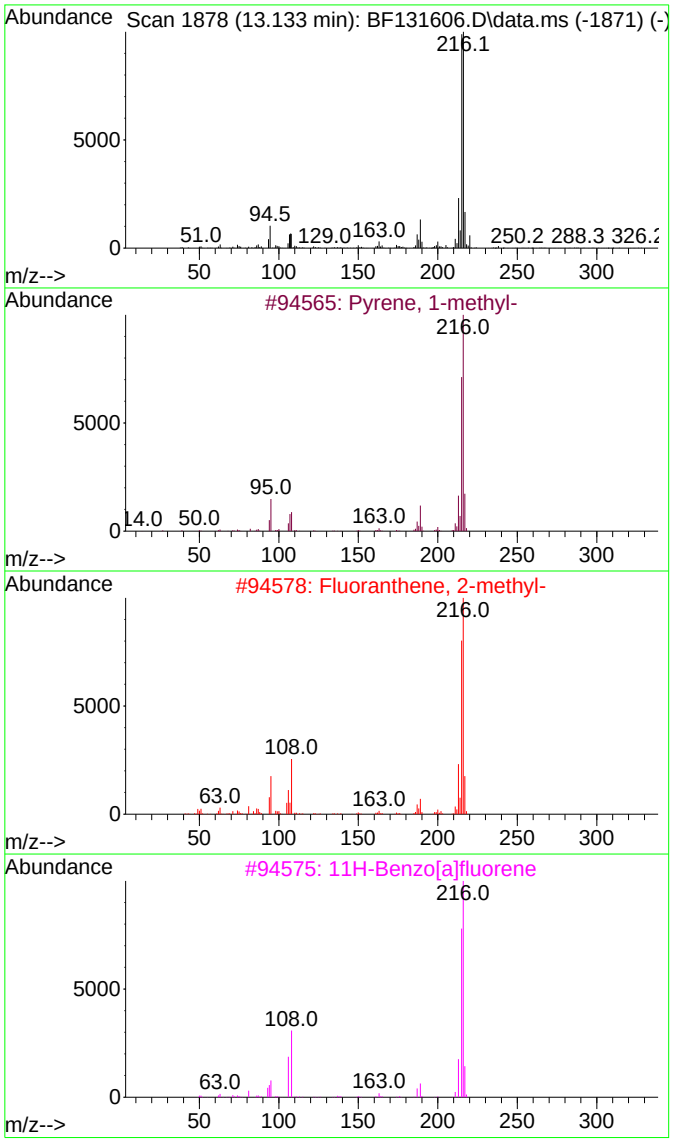
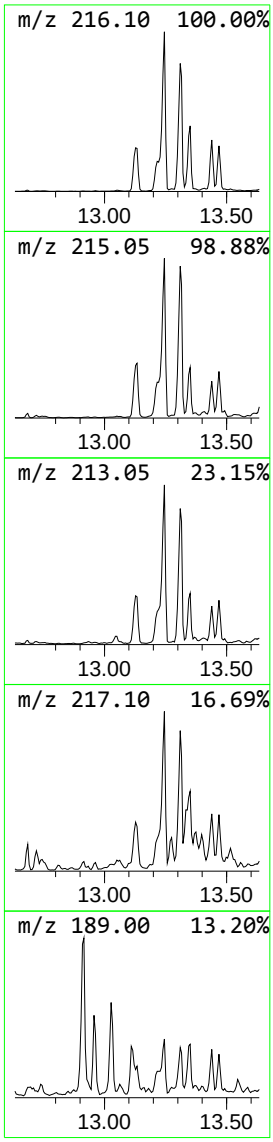
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.133	4.01 ng	1393630	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 19 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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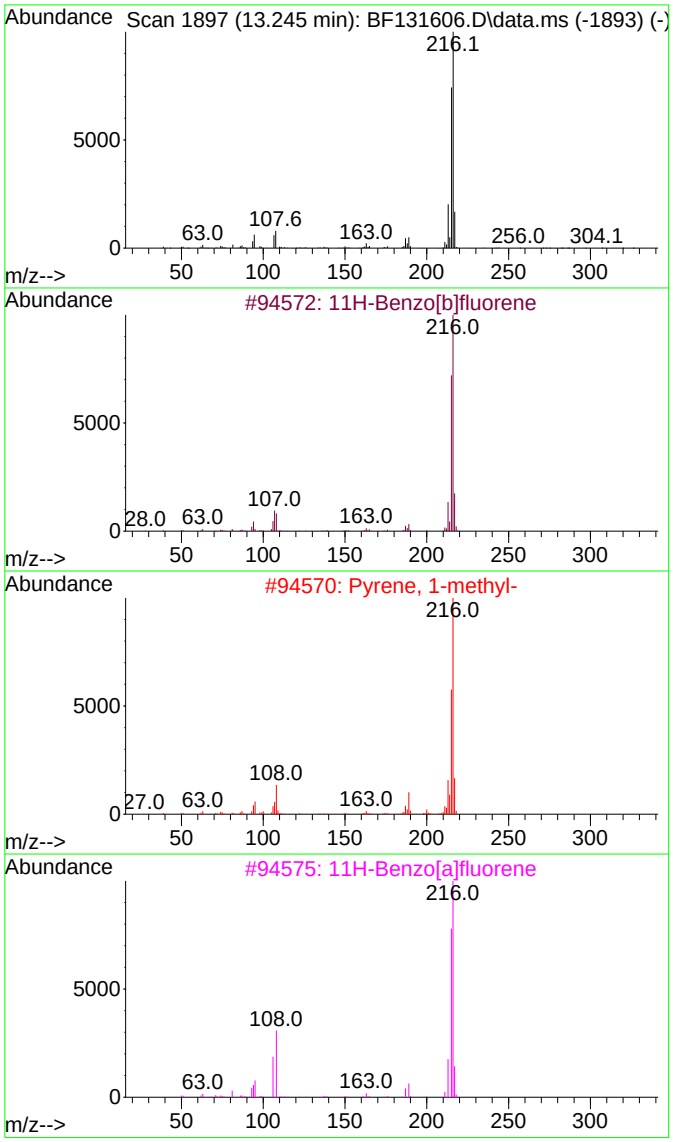
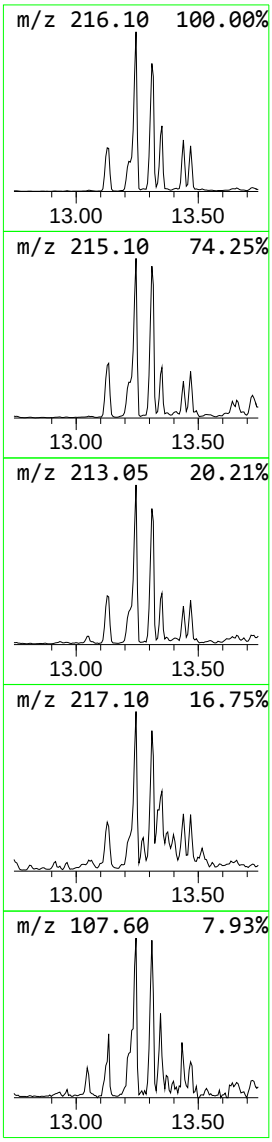
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	6.64 ng	2307230	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72





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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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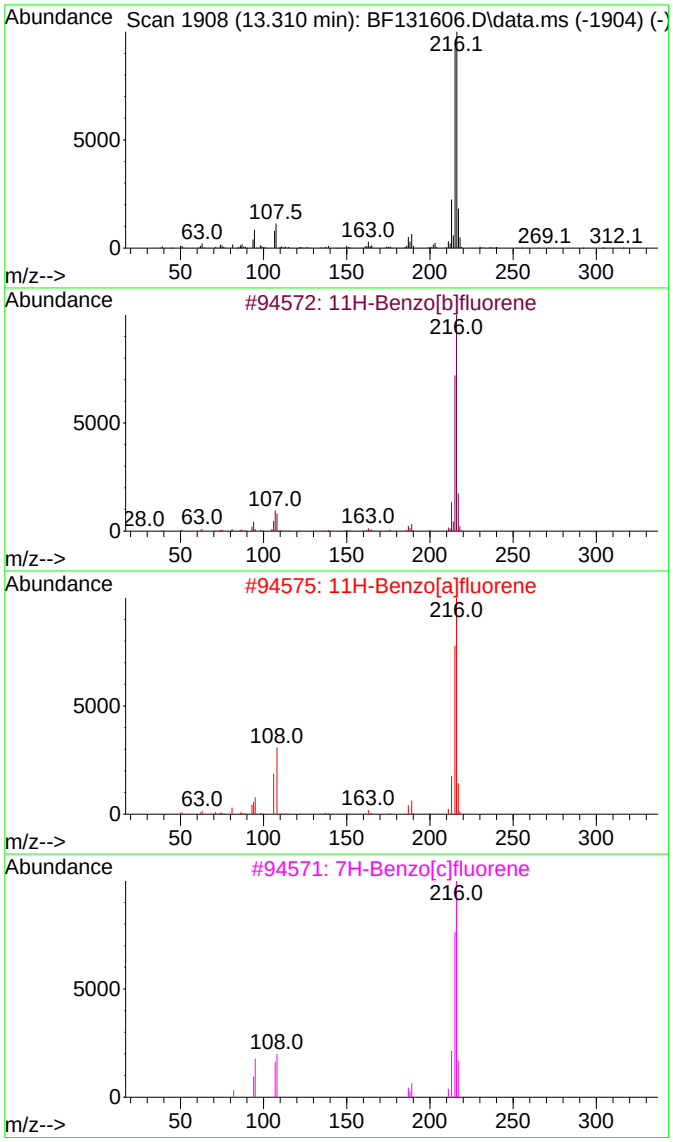
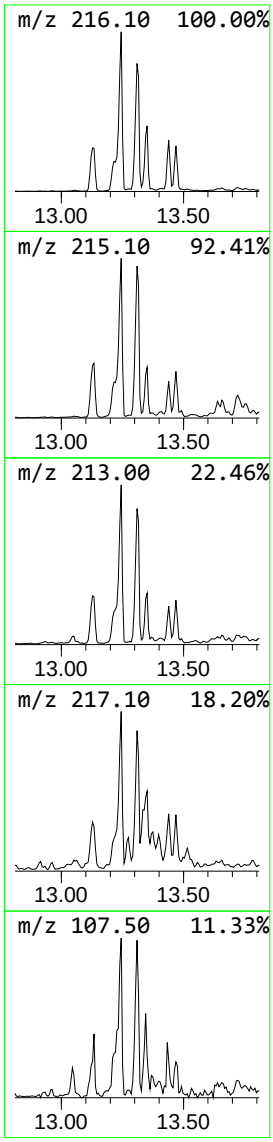
Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	6.28 ng	2179720	Chrysene-d12	14.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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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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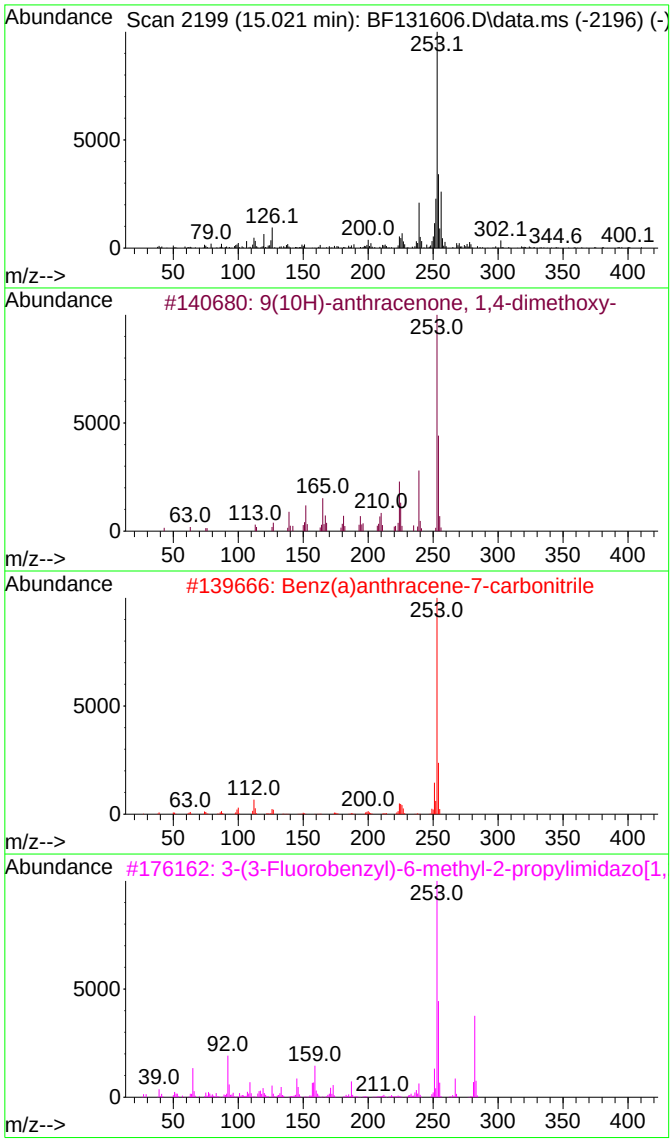
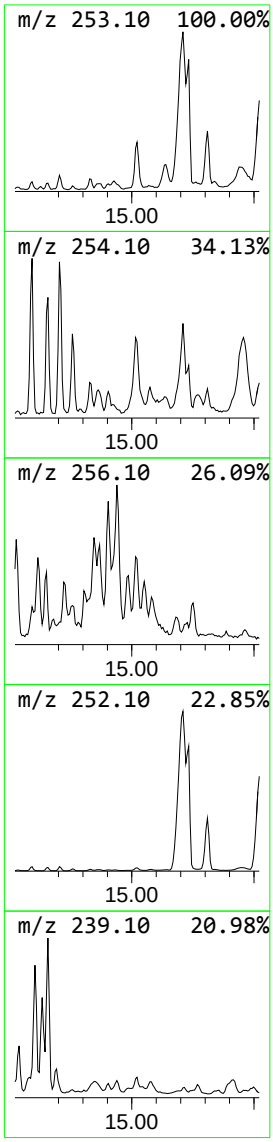
Peak Number 16 9(10H)-anthracenone, 1,4-di... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.021	18.63 ng	261912	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(10H)-anthracenone, 1,4-dimethoxy-	254	C16H14O3	1010396-70-2	53
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50
3	3-(3-Fluorobenzyl)-6-methyl-2-pr...	282	C18H19FN2	1000457-96-1	50
4	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	49
5	2-Propen-1-one, 3-(4-nitrophenyl...	253	C15H11NO3	001222-98-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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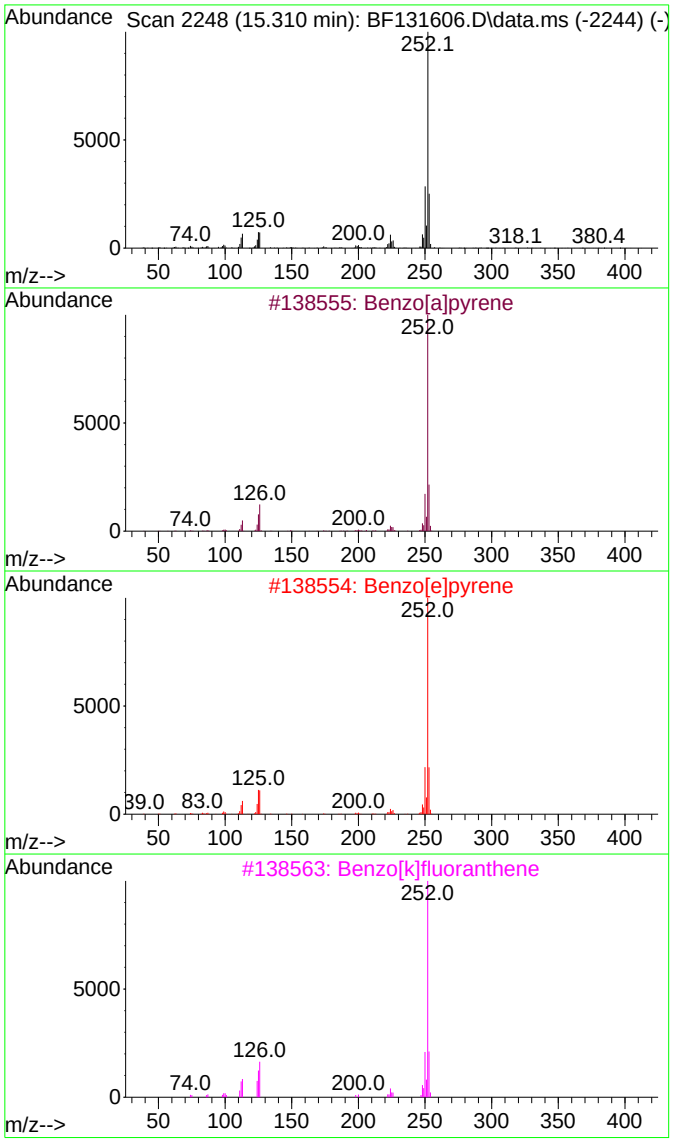
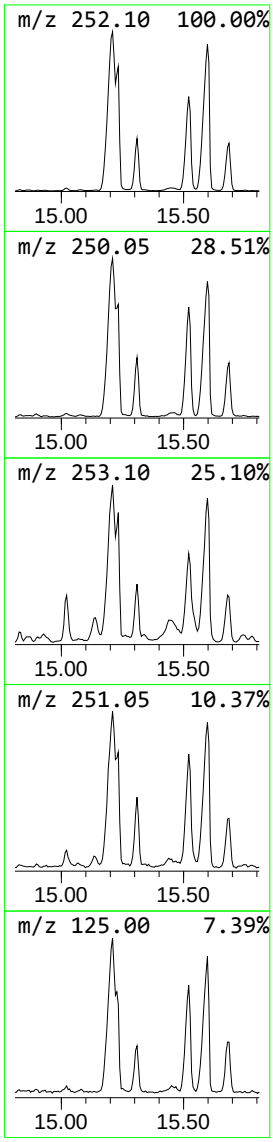
Peak Number 17 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	47.68 ng	670415	Perylene-d12	15.645

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





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Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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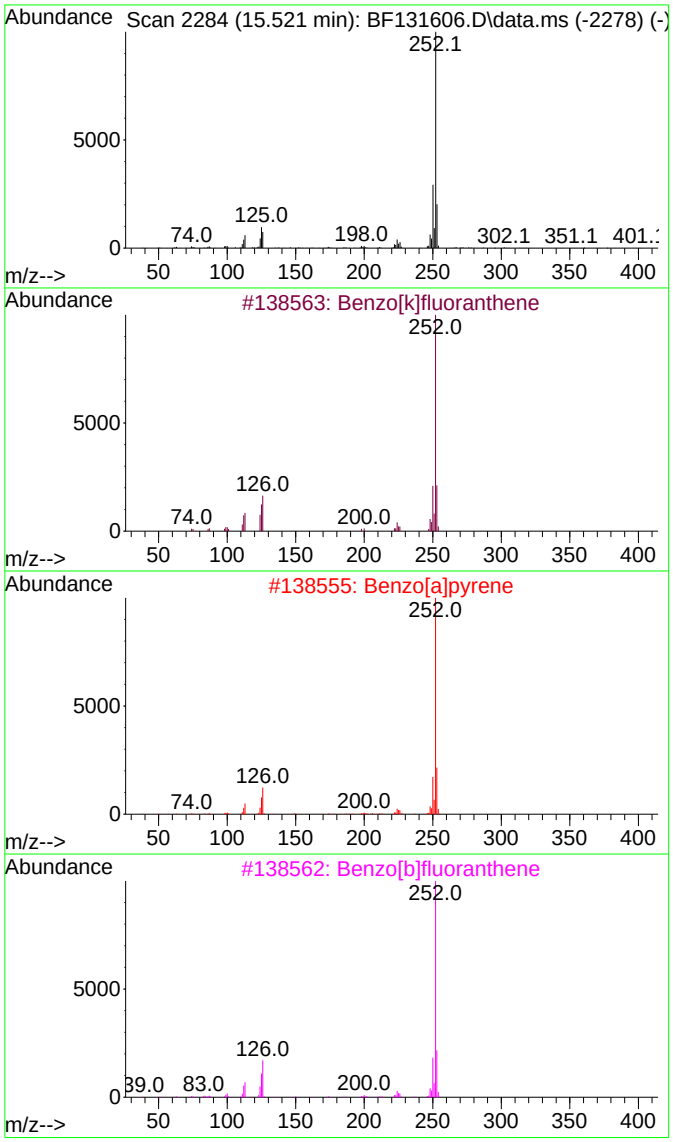
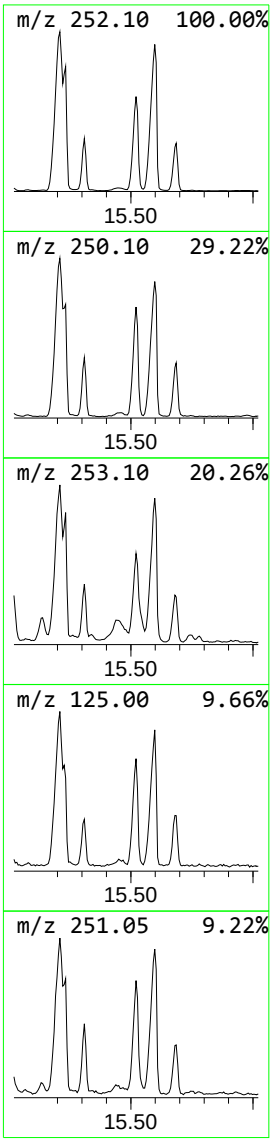
Peak Number 18 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.521	136.26 ng	1915890	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
2	Benzo[a]pyrene	252	C20H12	000050-32-8	91
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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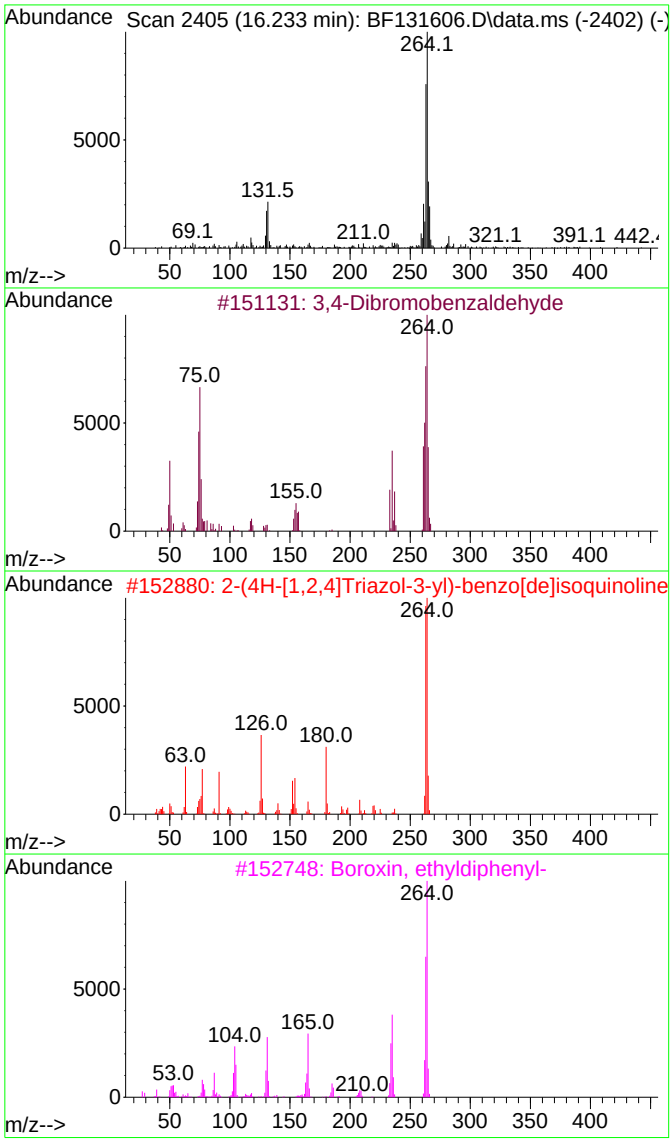
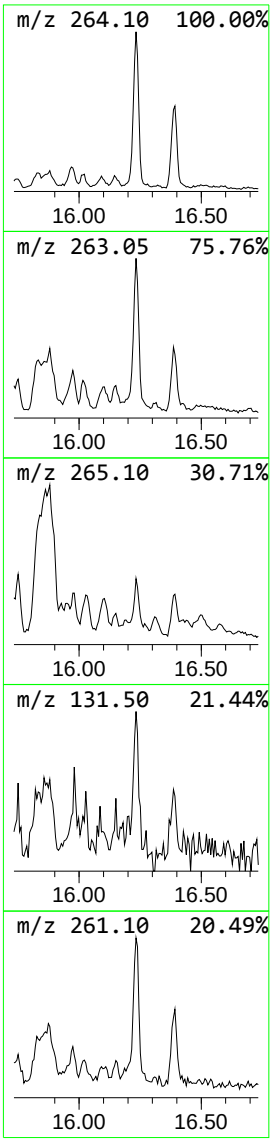
Peak Number 19 3,4-Dibromobenzaldehyde Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.233	18.71 ng	263061	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2	2-(4H-[1,2,4]Triazol-3-yl)-benzo...	264	C14H8N4O2	1000318-09-6	50
3	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
4	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	40
5	Arsine, dibromoethyl-	262	C2H5AsBr2	000683-43-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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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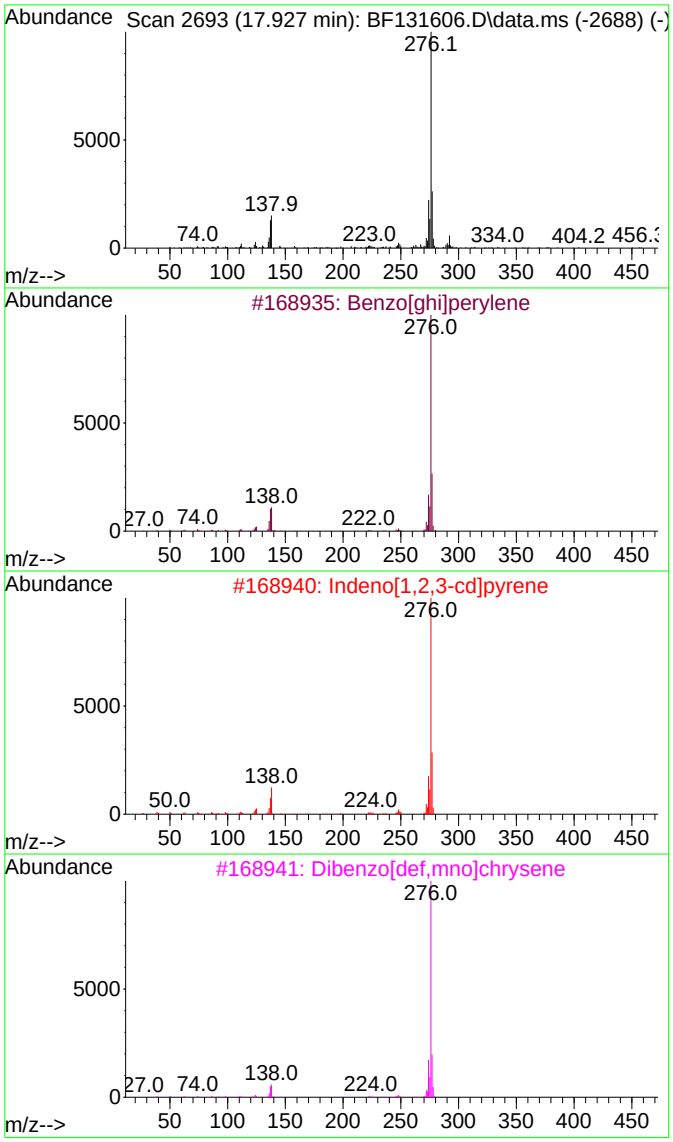
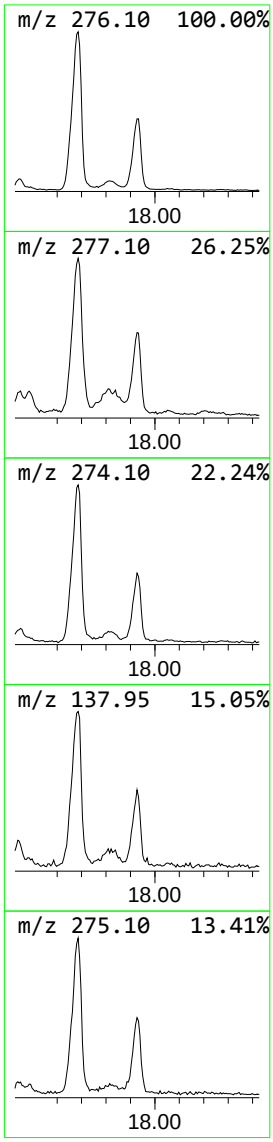
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	40.10 ng	563853	Perylene-d12	15.645

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	96
3	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
4	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	50
5	2-Naphthalenol, 1-[(2,4-dimethyl...	276	C18H16N2O	003118-97-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.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
Butane, 2-metho...	2.146	28.1	ng	491208	1	6.892	348986	20.0
2-Pentanone, 4-...	5.104	13.7	ng	239792	1	6.892	348986	20.0
Naphthalene, 1-...	9.463	18.8	ng	305606	3	9.951	325536	20.0
Naphthalene, 1,...	9.533	38.8	ng	630949	3	9.951	325536	20.0
Naphthalene, 1,...	9.604	39.7	ng	646554	3	9.951	325536	20.0
Naphthalene, 1,...	9.628	22.5	ng	365586	3	9.951	325536	20.0
Naphthalene, 2,...	9.722	22.0	ng	358718	3	9.951	325536	20.0
Naphthalene, 1,...	10.263	14.3	ng	232252	3	9.951	325536	20.0
1-Isopropenylna...	10.569	15.1	ng	245242	3	9.951	325536	20.0
1,1'-Biphenyl, ...	10.586	23.9	ng	388167	3	9.951	325536	20.0
9H-Fluoren-3-ol	10.657	30.0	ng	487799	3	9.951	325536	20.0
4H-Cyclopenta[d...	12.075	4.8	ng	3021840	4	11.451	12573400	20.0
Pyrene, 1-methyl-	13.133	4.0	ng	1393630	5	14.127	6944660	20.0
11H-Benzo[b]flu...	13.245	6.6	ng	2307230	5	14.127	6944660	20.0
11H-Benzo[a]flu...	13.310	6.3	ng	2179720	5	14.127	6944660	20.0
9(10H)-anthrace...	15.021	18.6	ng	261912	6	15.645	281207	20.0
Benzo[e]pyrene	15.310	47.7	ng	670415	6	15.645	281207	20.0
Benzo[j]fluoran...	15.521	136.3	ng	1915890	6	15.645	281207	20.0
3,4-Dibromobenz...	16.233	18.7	ng	263061	6	15.645	281207	20.0
Dibenzo[def,mno...	17.927	40.1	ng	563853	6	15.645	281207	20.0