LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF143020.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.492	556	561	581	rVB	230067	313591	3.52%	0.401%
2	6.504	728	733	749	rBV	307006	409866	4.61%	0.525%
3	6.875	791	796	801	rBV	269812	324905	3.65%	0.416%
4	7.433	886	891	903	rVB	205753	265449	2.98%	0.340%
5	8.157	1007	1014	1023	rBV2	322964	467063	5.25%	0.598%
6	8.969	1147	1152	1157	rBV	74567	95311	1.07%	0.122%
7	9.233	1192	1197	1202	rBV	450964	546224	6.14%	0.699%
8	9.498	1237	1242	1248	rBV	86671	134147	1.51%	0.172%
9	9.575	1250	1255	1258	rBV	139386	204788	2.30%	0.262%
10	9.692	1270	1275	1283	rVB	74283	114298	1.28%	0.146%
11	9.774	1283	1289	1296	rBV	108711	152005	1.71%	0.195%
12	9.916	1305	1313	1316	rBV2	359885	523187	5.88%	0.670%
13	9.951	1316	1319	1323	rVV	562464	668387	7.51%	0.856%
14	10.074	1335	1340	1343	rVV2	76236	117132	1.32%	0.150%
15	10.122	1343	1348	1352	rVV	320684	430823	4.84%	0.551%
16	10.233	1363	1367	1369	rBV	71322	93462	1.05%	0.120%
17	10.333	1377	1384	1389	rBV2	70734	168529	1.89%	0.216%
18	10.469	1401	1407	1411	rVV	636121	833037	9.36%	1.066%
19	10.533	1411	1418	1419	rVV	131549	248604	2.79%	0.318%
20	10.551	1419	1421	1424	rVV	151579	200848	2.26%	0.257%
21	10.622	1427	1433	1438	rVV3	247934	437455	4.92%	0.560%
22	10.704	1440	1447	1452	rVV2	301532	499265	5.61%	0.639%
23	10.827	1462	1468	1474	rVB4	67225	140382	1.58%	0.180%
24	11.016	1492	1500	1503	rBV3	204449	374311	4.21%	0.479%
25	11.045	1503	1505	1508	rVV	112275	134237	1.51%	0.172%
26	11.098	1511	1514	1517	rVV	89769	115594	1.30%	0.148%
27	11.145	1517	1522	1523	rVV2	114521	179500	2.02%	0.230%
28	11.163	1523	1525	1530	rVV2	135852	212495	2.39%	0.272%
29	11.216	1530	1534	1537	rVV	157998	208701	2.34%	0.267%
30	11.263	1537	1542	1546	rVV2	257094	426723	4.79%	0.546%
31	11.304	1546	1549	1556	rVB	415412	554614	6.23%	0.710%
32	11.451	1562	1574	1578	rBV	4215047	7632665	85.76%	9.770%
33	11.498	1578	1582	1591	rVV	1794908	2479987	27.86%	3.174%
34	11.569	1591	1594	1600	rVV4	58046	110353	1.24%	0.141%
35	11.639	1600	1606	1613	rVV3	214635	431655	4.85%	0.553%
36	11.704	1613	1617	1620	rVV2	153802	221814	2.49%	0.284%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.745	1620	1624	1629	rVB3	121444	185709	2.09%	0.238%
38	11.821	1634	1637	1641	rVB	91324	117574	1.32%	0.150%
39	11.916	1648	1653	1655	rBV	714397	959655	10.78%	1.228%
40	11.945	1655	1658	1662	rVB	995065	1205154	13.54%	1.543%
41	11.992	1662	1666	1669	rBV	472954	619450	6.96%	0.793%
42	12.033	1669	1673	1680	rVB2	1318247	2368054	26.61%	3.031%
43	12.092	1680	1683	1686	rBV2	69967	102885	1.16%	0.132%
44	12.210	1698	1703	1706	rBV	548045	703325	7.90%	0.900%
45	12.245	1706	1709	1712	rVB	244260	288384	3.24%	0.369%
46	12.357	1723	1728	1731	rBV	183500	265652	2.98%	0.340%
47	12.386	1731	1733	1736	rBV	90927	106789	1.20%	0.137%
48	12.463	1741	1746	1749	rBV	359576	539024	6.06%	0.690%
49	12.504	1749	1753	1759	rVV3	269301	530182	5.96%	0.679%
50	12.568	1759	1764	1769	rVB2	272686	446462	5.02%	0.571%
51	12.651	1769	1778	1783	rBV	4370843	8382717	94.18%	10.730%
52	12.698	1783	1786	1790	rVB	137827	172944	1.94%	0.221%
53	12.780	1796	1800	1805	rBV2	331763	476630	5.36%	0.610%
54	12.880	1809	1817	1822	rBV2	4116070	8900346	100.00%	11.393%
55	12.992	1829	1836	1839	rBV2	605993	1205605	13.55%	1.543%
56	13.021	1839	1841	1845	rVB	283271	313198	3.52%	0.401%
57	13.080	1845	1851	1858	rBV3	480105	1019820	11.46%	1.305%
58	13.192	1861	1870	1874	rBV	873535	1550509	17.42%	1.985%
59	13.257	1877	1881	1884	rBV	673185	890065	10.00%	1.139%
60	13.298	1884	1888	1895	rVB3	536398	923258	10.37%	1.182%
61	13.386	1900	1903	1906	rVV	246935	356615	4.01%	0.456%
62	13.421	1906	1909	1915	rVB3	323352	474134	5.33%	0.607%
63	13.568	1930	1934	1935	rBV2	105889	133366	1.50%	0.171%
64	13.610	1939	1941	1948	rVB2	200856	322728	3.63%	0.413%
65	13.674	1948	1952	1953	rBV2	128670	146713	1.65%	0.188%
66	13.704	1953	1957	1961	rVB	322780	449666	5.05%	0.576%
67	13.810	1971	1975	1978	rBV	431355	704869	7.92%	0.902%
68	13.839	1978	1980	1983	rVV	499307	634614	7.13%	0.812%
69	13.868	1983	1985	1990	rVV3	430864	708462	7.96%	0.907%
70	13.915	1990	1993	1998	rVB	303208	410101	4.61%	0.525%
71	13.980	1999	2004	2009	rBV	139516	279166	3.14%	0.357%
72	14.062	2010	2018	2022	rBV	2420356	4821273	54.17%	6.171%
73	14.104	2022	2025	2031	rVB	2134209	2944715	33.09%	3.769%
74	14.174	2034	2037	2041	rVV	377429	453370	5.09%	0.580%
75	14.286	2053	2056	2060	rVB3	199527	258073	2.90%	0.330%
76	14.415	2075	2078	2080	rBV2	90975	120469	1.35%	0.154%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

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-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.451	2080	2084	2087	rVV	455889	628857	7.07%	0.805%
78	14.486	2087	2090	2093	rVB2	188698	224812	2.53%	0.288%
79	14.598	2103	2109	2113	rVB4	231641	495227	5.56%	0.634%
80	14.774	2135	2139	2147	rBV5	110649	271423	3.05%	0.347%
81	14.957	2167	2170	2177	rVB2	129001	184001	2.07%	0.236%
82	15.139	2193	2201	2209	rBV	1345050	3583636	40.26%	4.587%
83	15.239	2214	2218	2222	rVB	269968	369423	4.15%	0.473%
84	15.445	2247	2253	2259	rVB	712628	1205549	13.54%	1.543%
85	15.515	2259	2265	2270	rVV	1151838	1858714	20.88%	2.379%
86	15.568	2270	2274	2276	rVV	170027	254552	2.86%	0.326%
87	15.604	2276	2280	2287	rVB2	373195	612534	6.88%	0.784%
88	17.103	2527	2535	2541	rVB	492762	1120227	12.59%	1.434%
89	17.268	2559	2563	2568	rBV	91294	162833	1.83%	0.208%
90	17.568	2606	2614	2625	rVB	338299	845676	9.50%	1.082%
91	17.803	2650	2654	2669	rVB2	123113	343450	3.86%	0.440%

Sum of corrected areas: 78124046

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Operator : RC/JU
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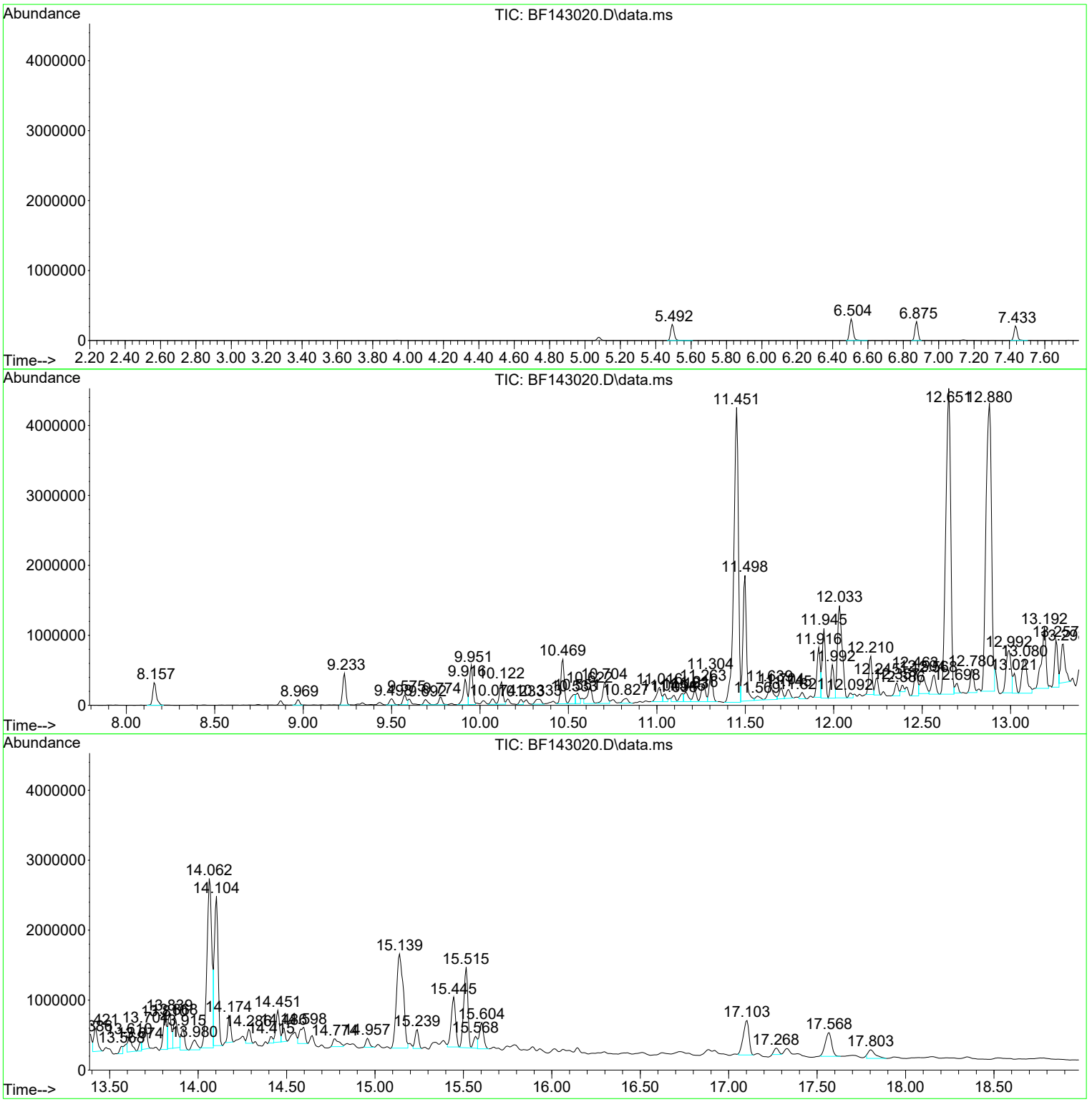
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

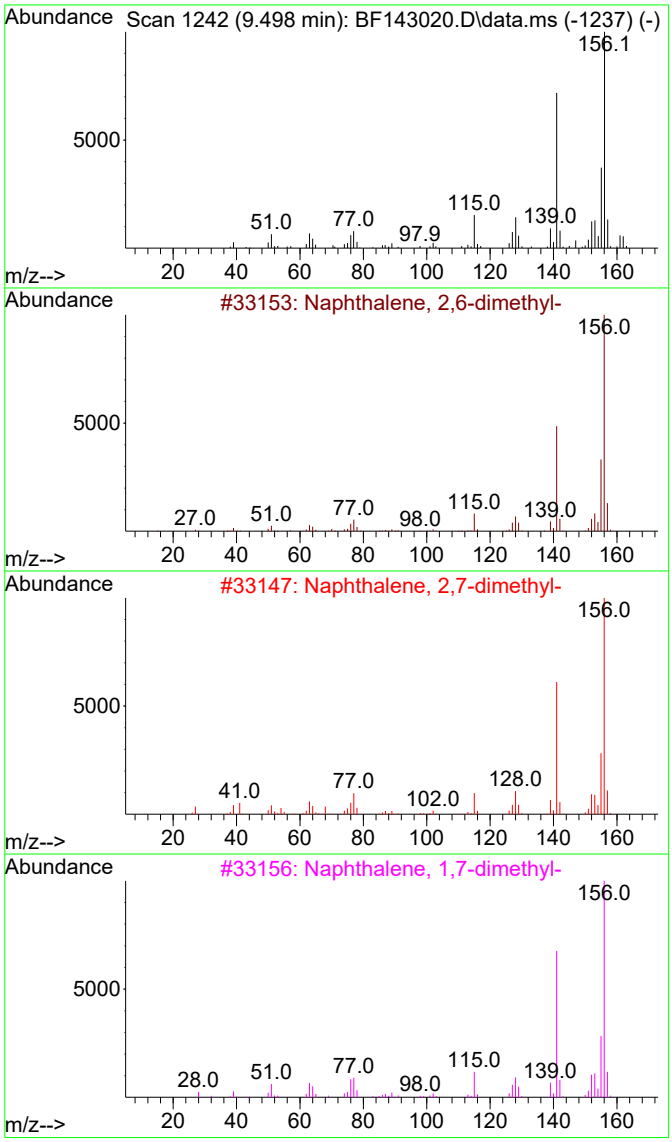
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

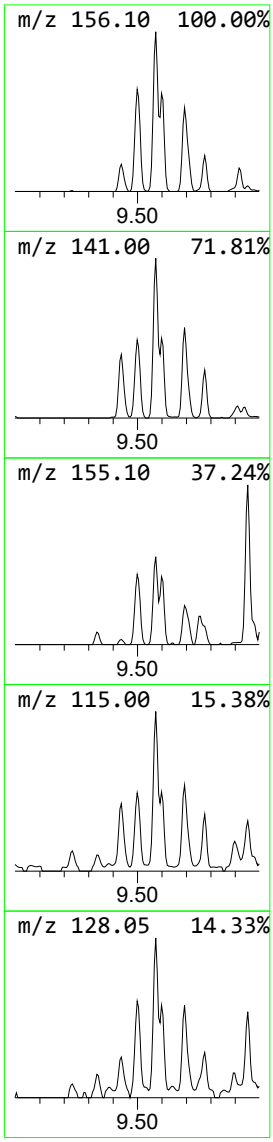
****

Peak Number 1 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	5.13 ng	134147	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

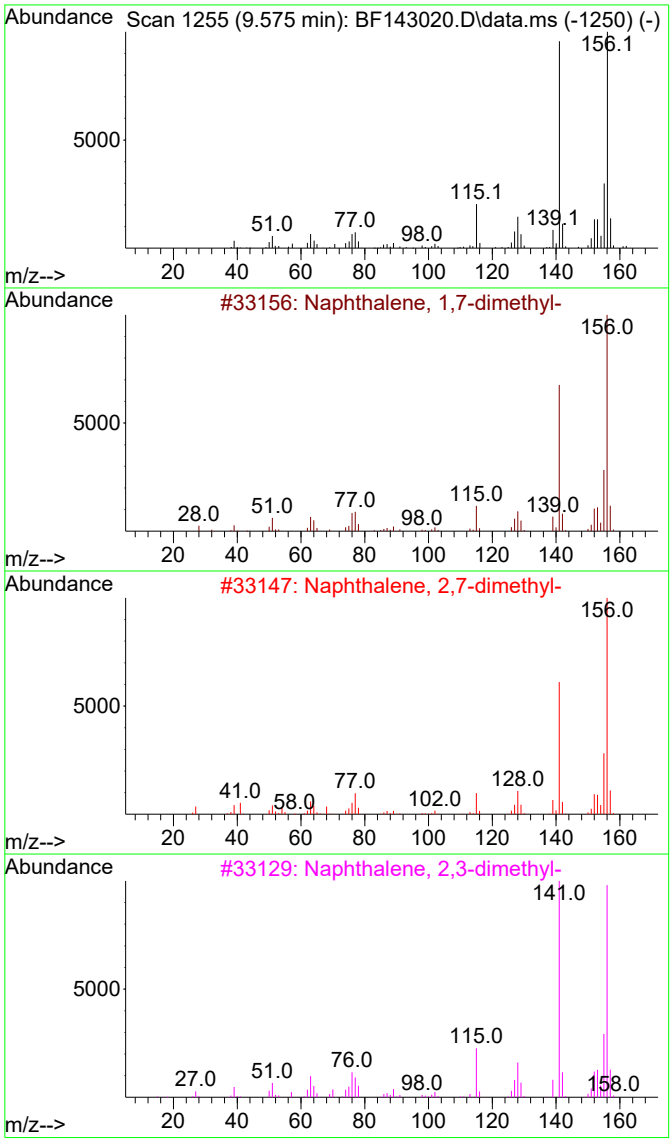
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

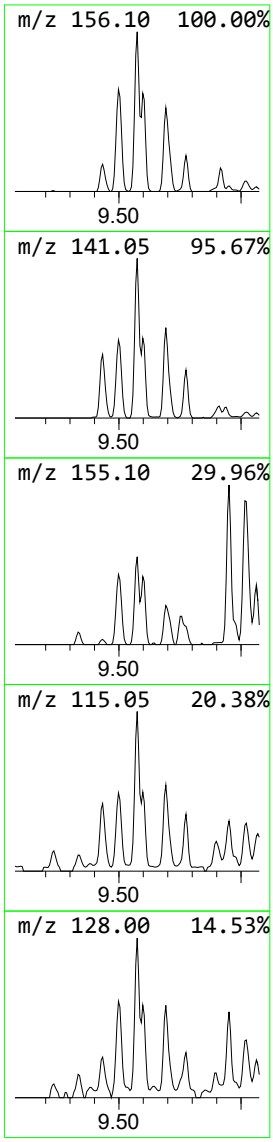
****

Peak Number 2 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	7.83 ng	204788	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

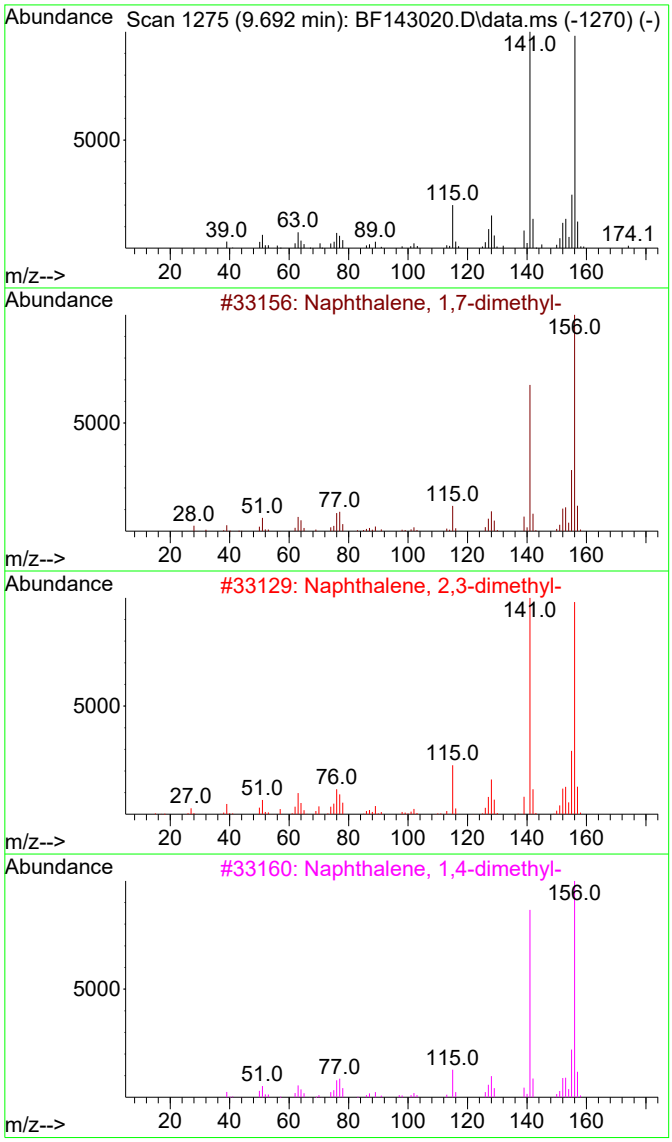
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

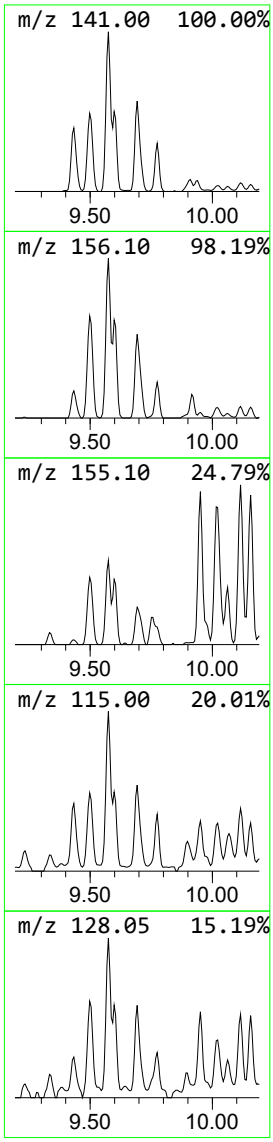
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	4.37 ng	114298	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

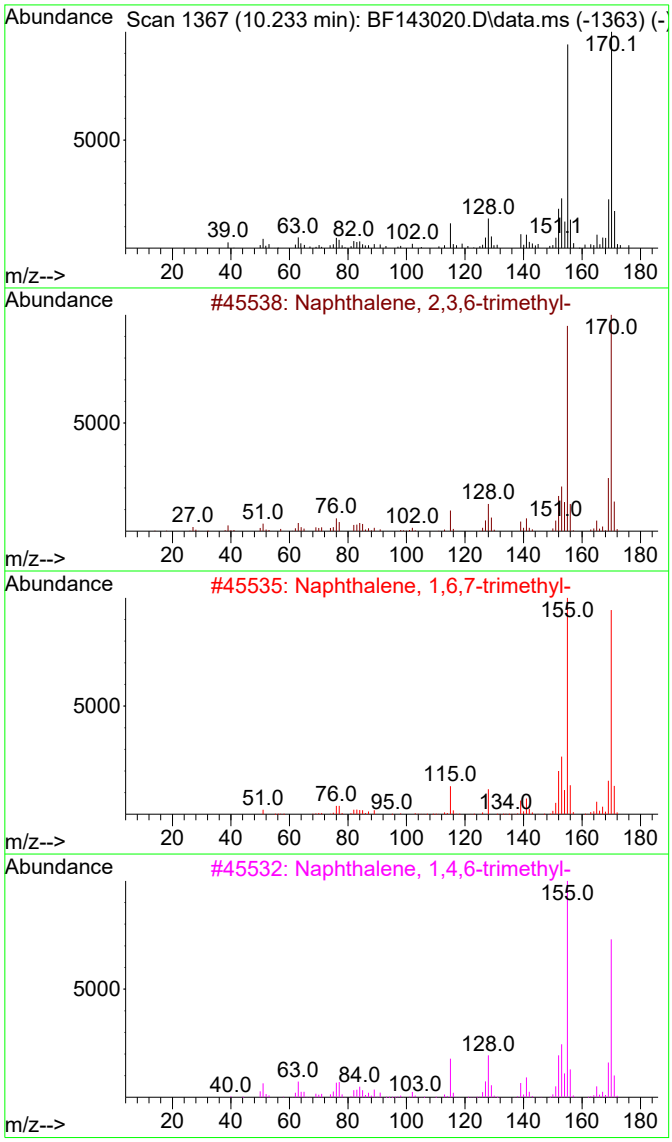
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

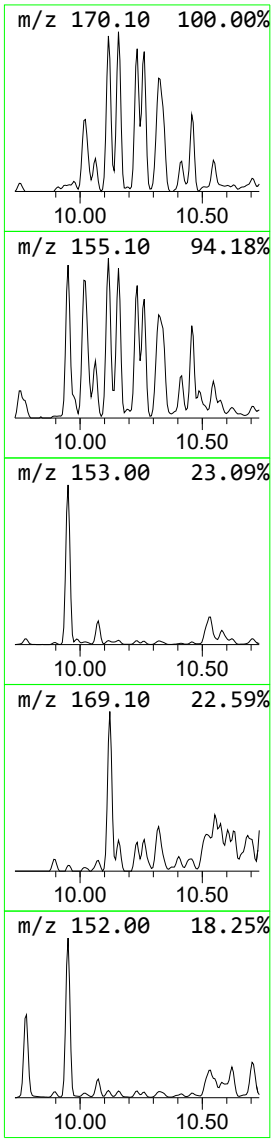
****

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	3.57 ng	93462	Acenaphthene-d10	9.916

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	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

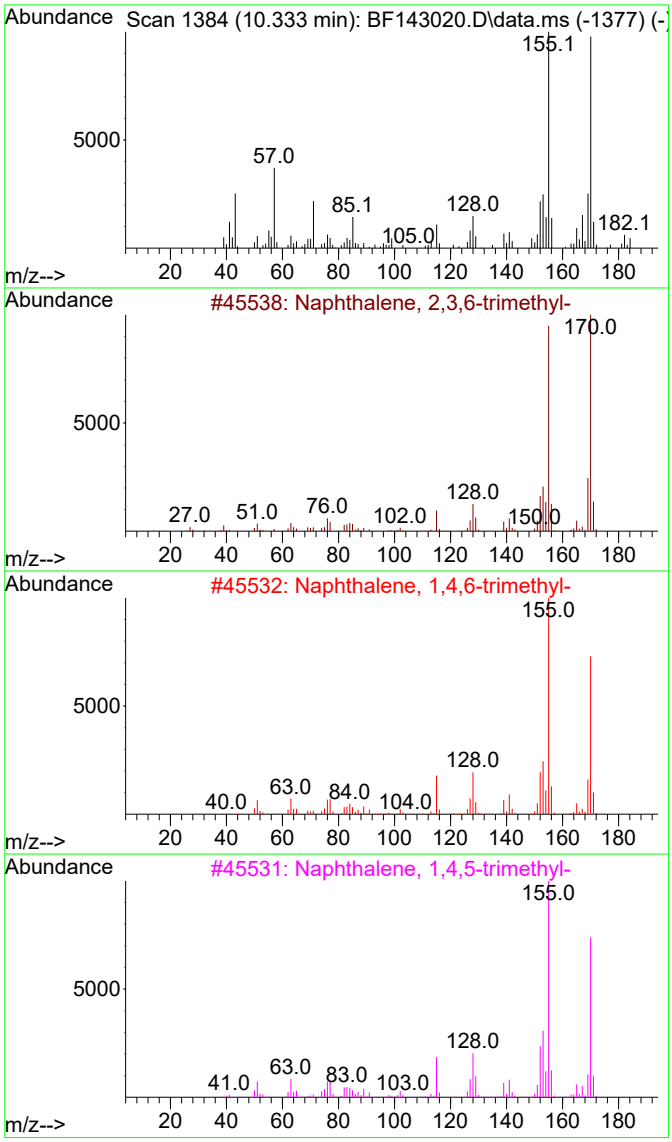
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

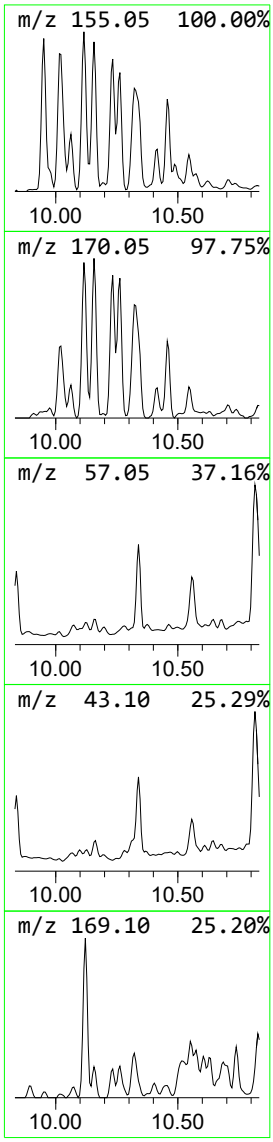
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	6.44 ng	168529	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#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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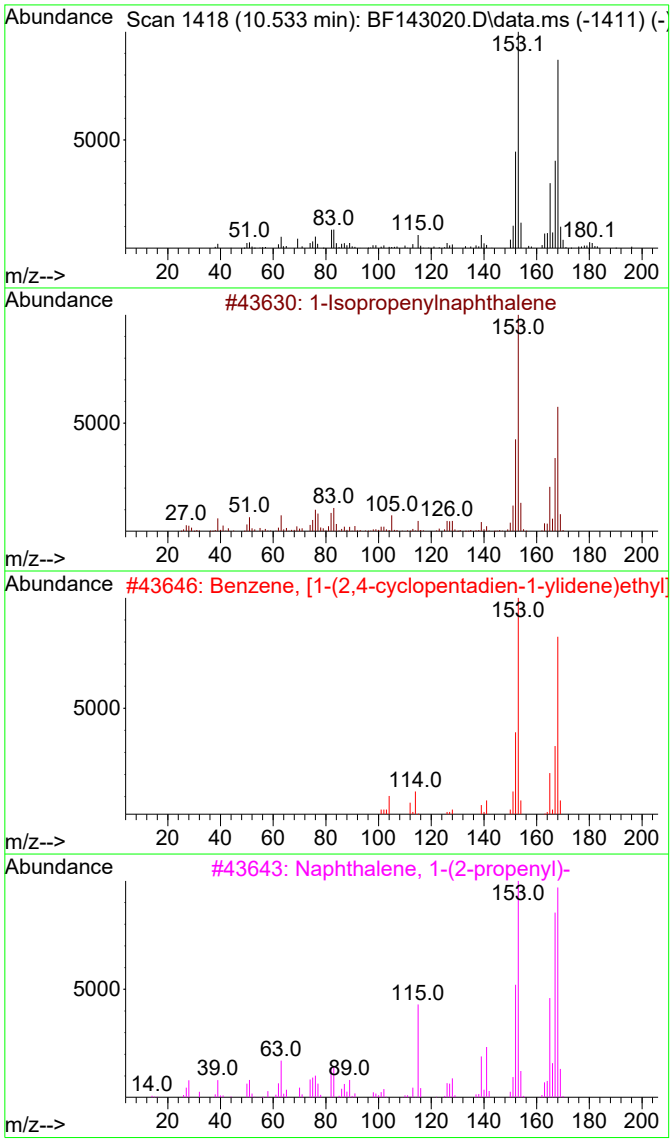
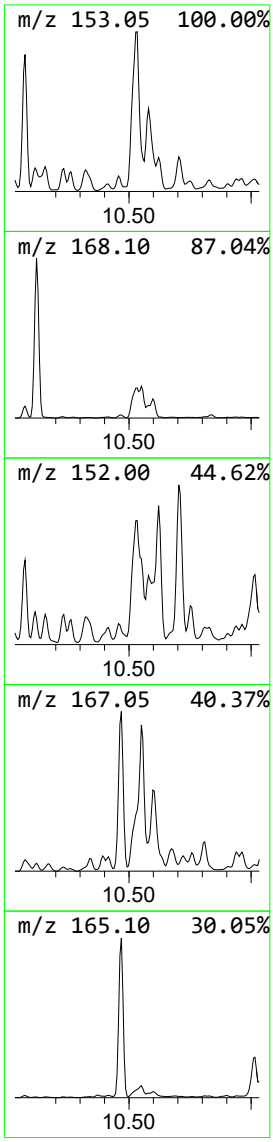
Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	9.50 ng	248604	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	47





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Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PIT#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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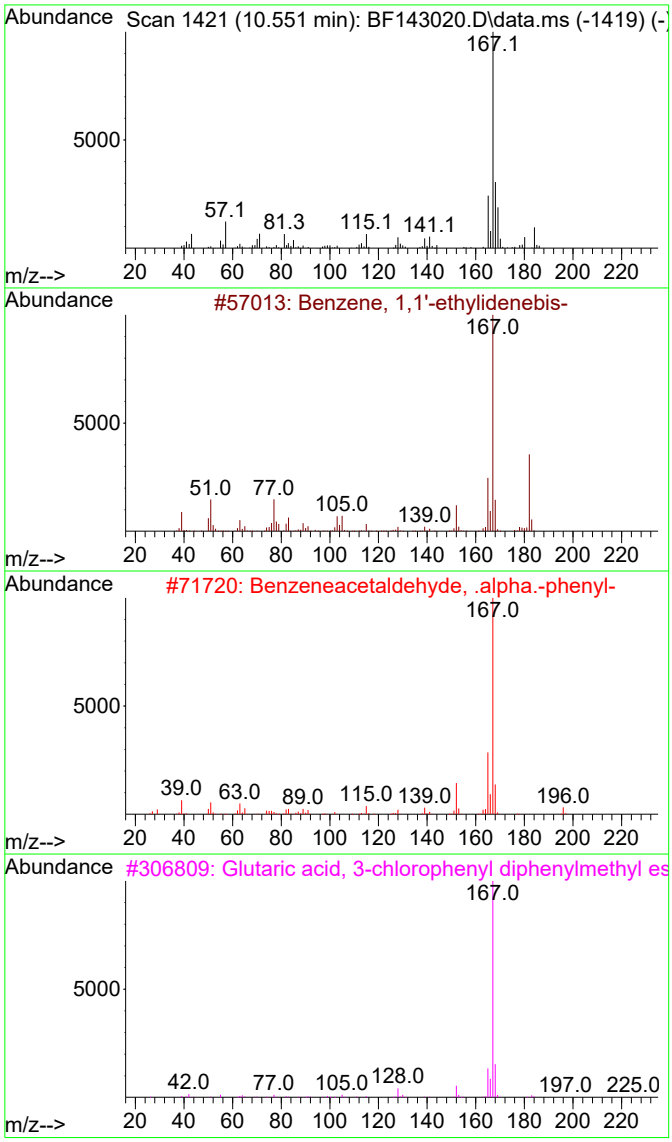
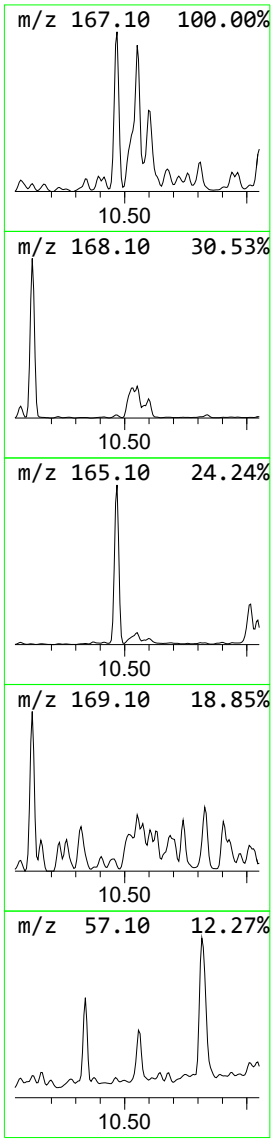
Peak Number 7 unknown10.551 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	7.68 ng	200848	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-ethylidenebis-	182	C14H14	000612-00-0	36
2	Benzeneacetaldehyde, .alpha.-phe...	196	C14H12O	000947-91-1	36
3	Glutaric acid, 3-chlorophenyl di...	408	C24H21ClO4	1000393-34-8	33
4	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	10
5	1-Naphthaleneacetonitrile	167	C12H9N	000132-75-2	9





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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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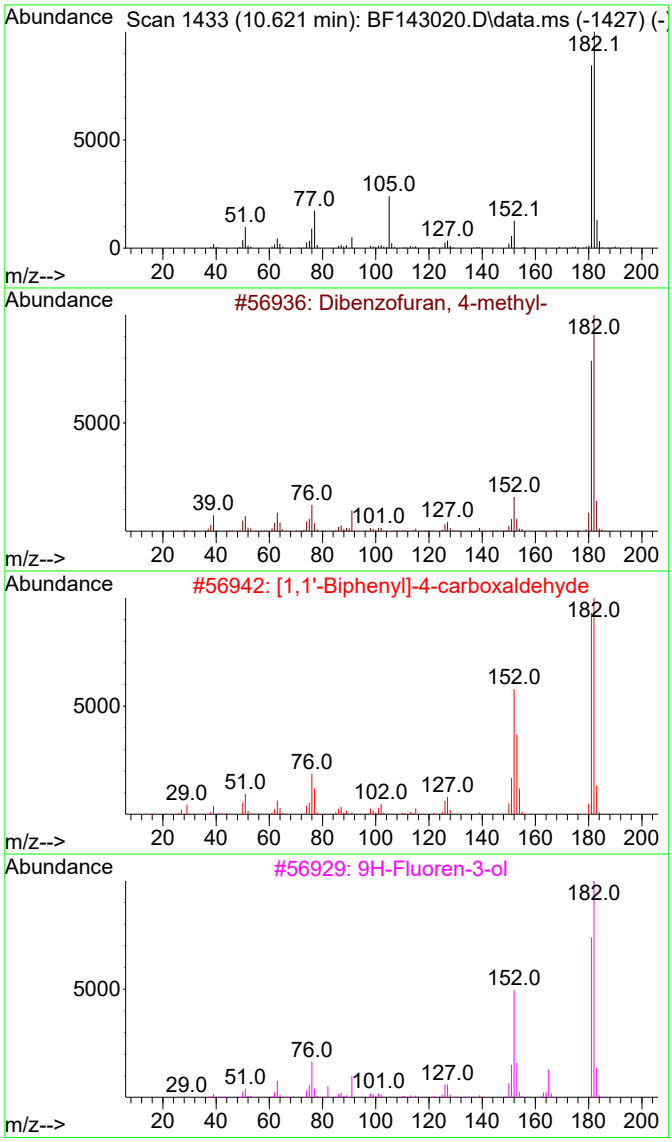
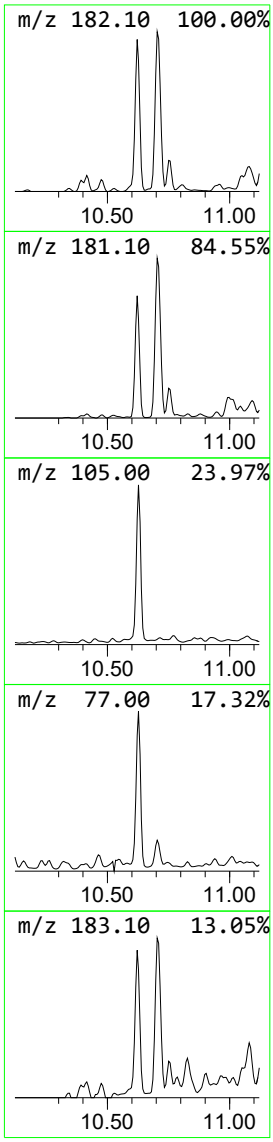
Peak Number 8 Dibenzofuran, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.621	16.72 ng	437455	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72
4	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64
5	1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	59





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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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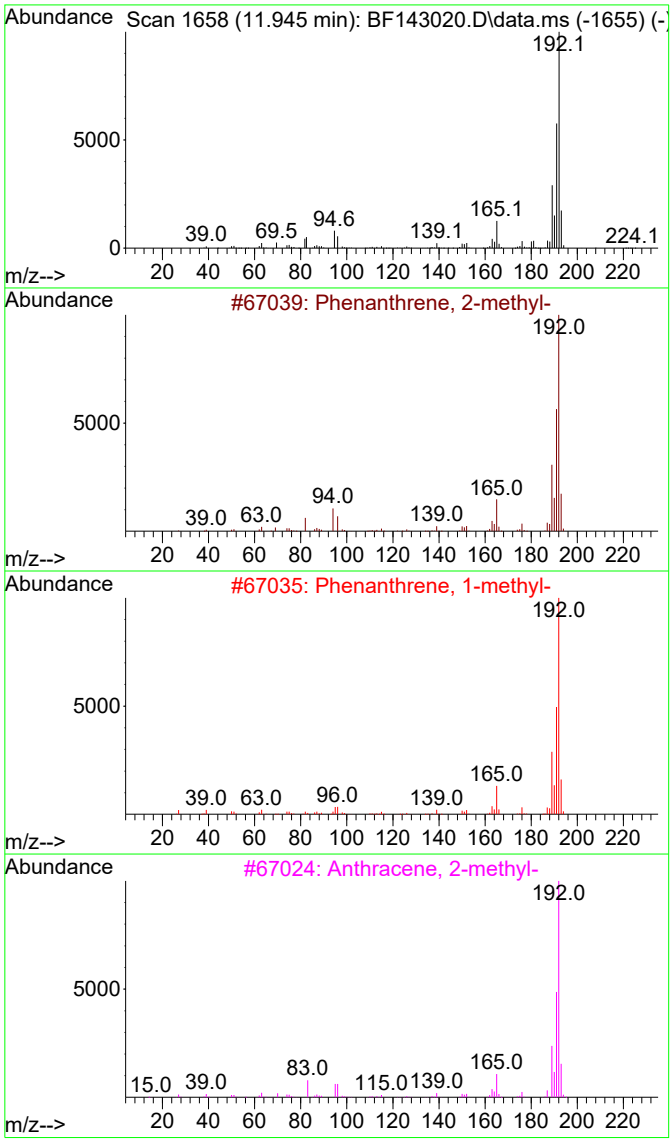
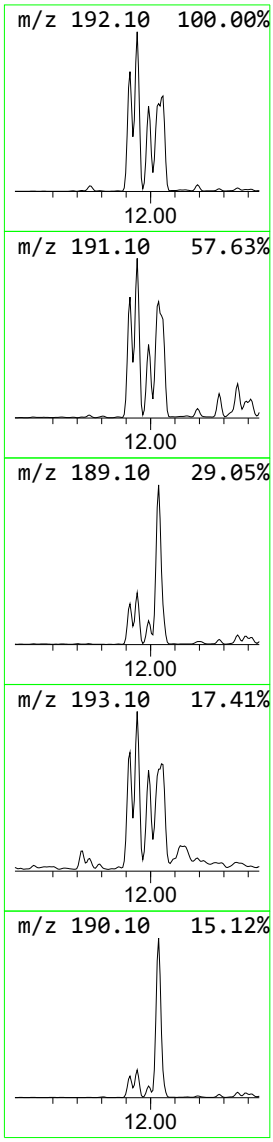
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	3.16 ng	1205150	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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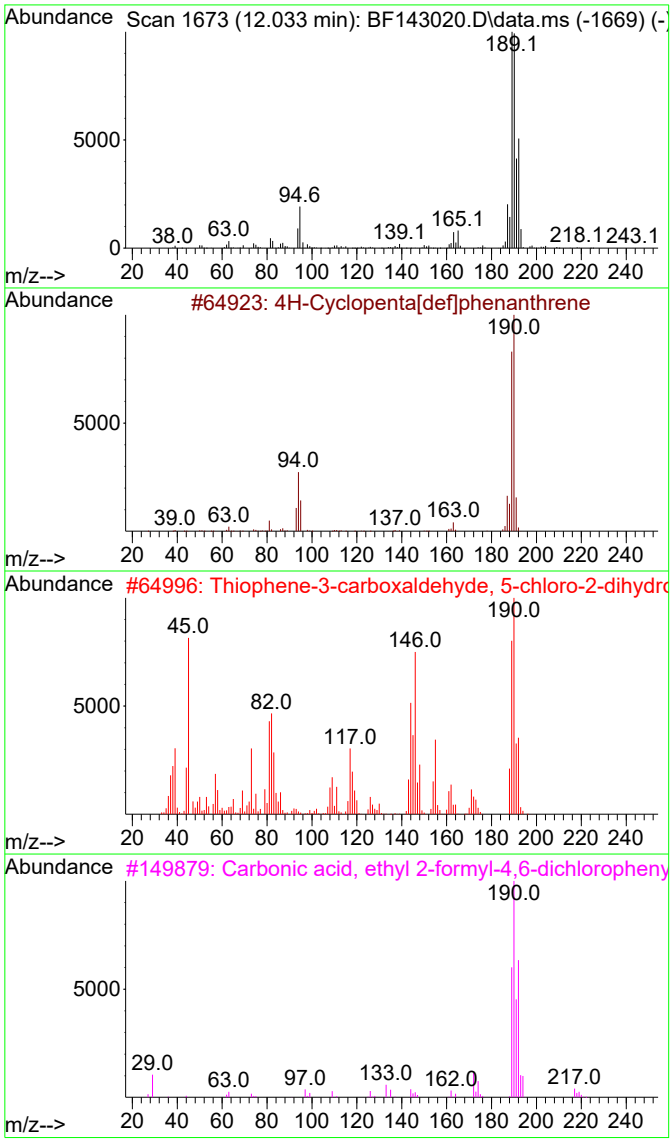
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

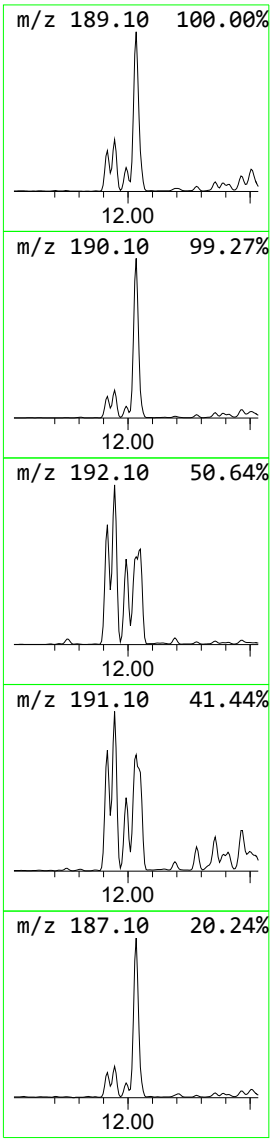
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.033	6.21 ng	2368050	Phenanthrene-d10	11.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43





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ALS Vial : 19 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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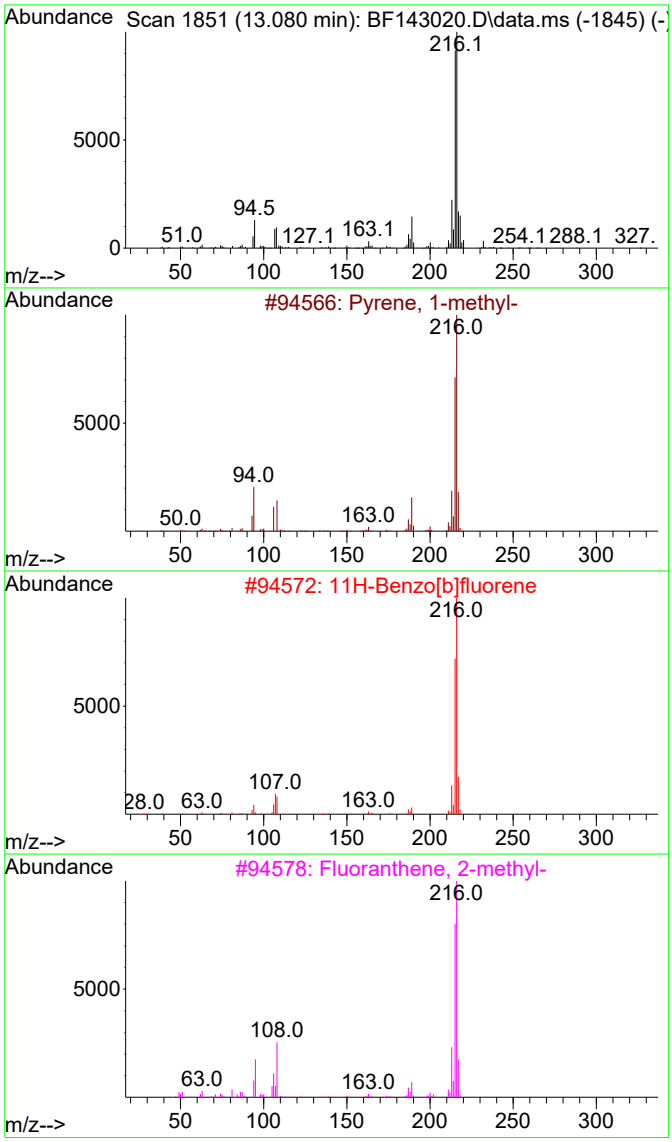
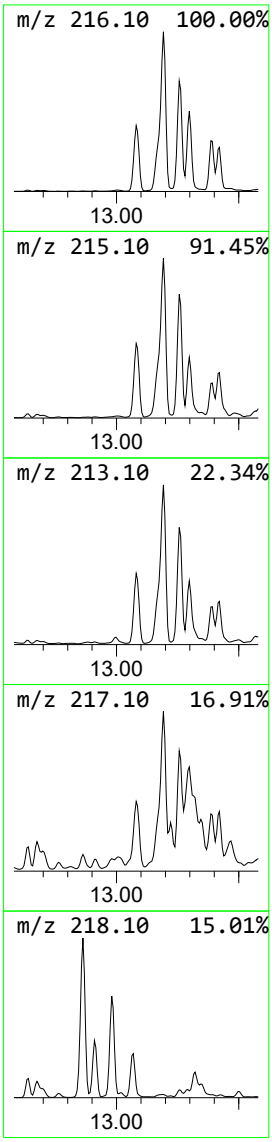
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.080	4.23 ng	1019820	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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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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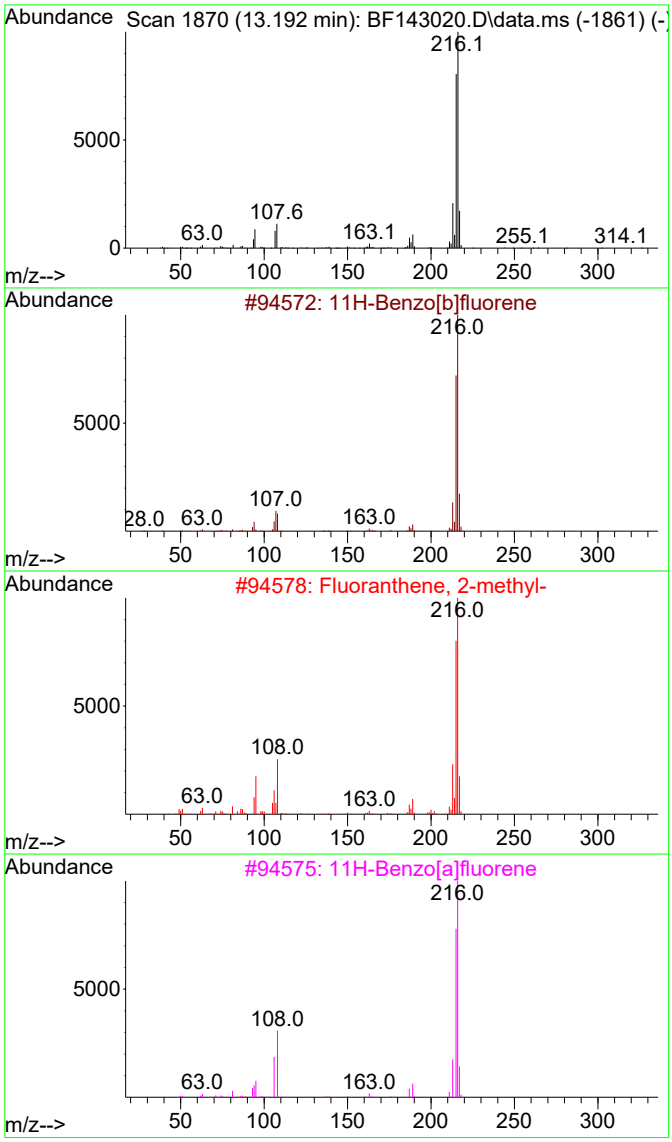
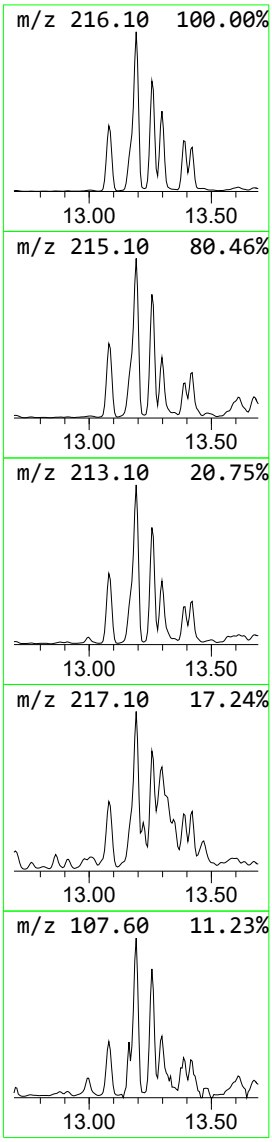
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	6.43 ng	1550510	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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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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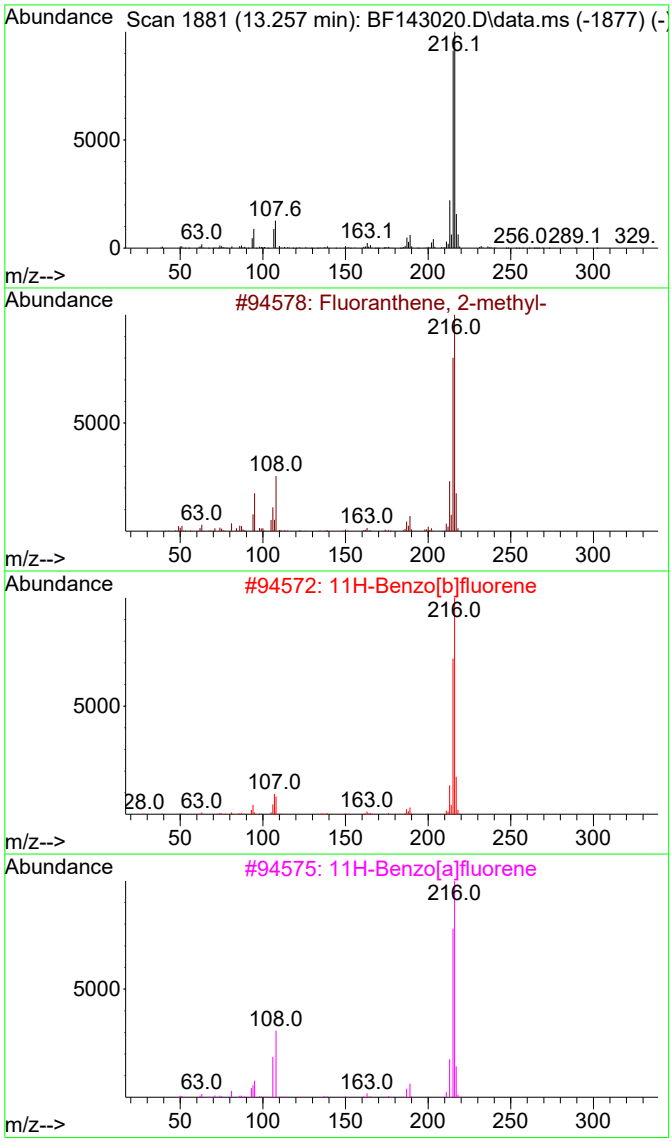
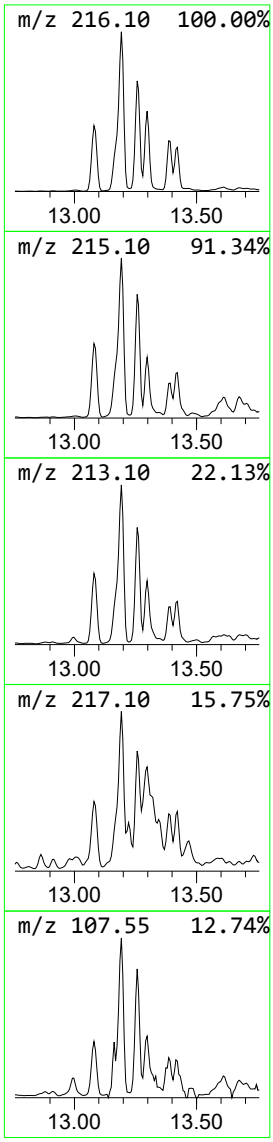
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.257	3.69 ng	890065	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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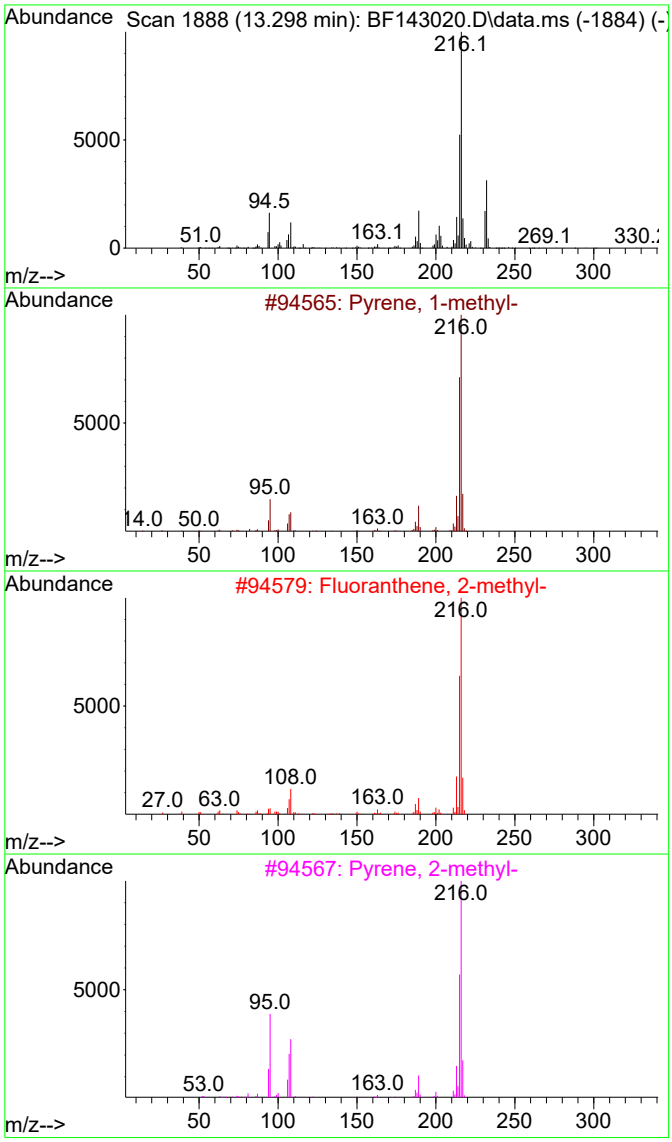
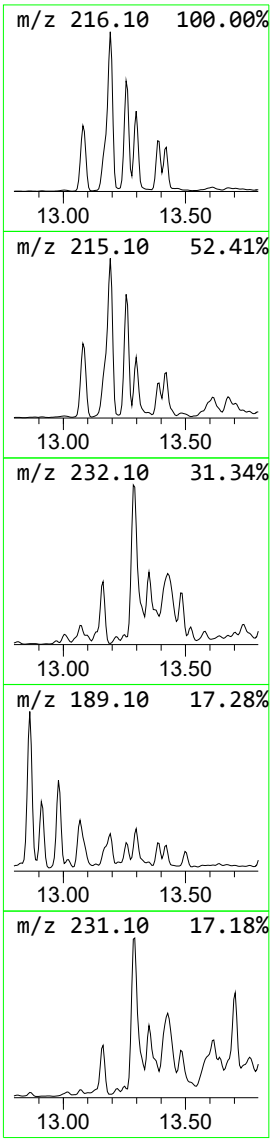
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.298	3.83 ng	923258	Chrysene-d12	14.074

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	92
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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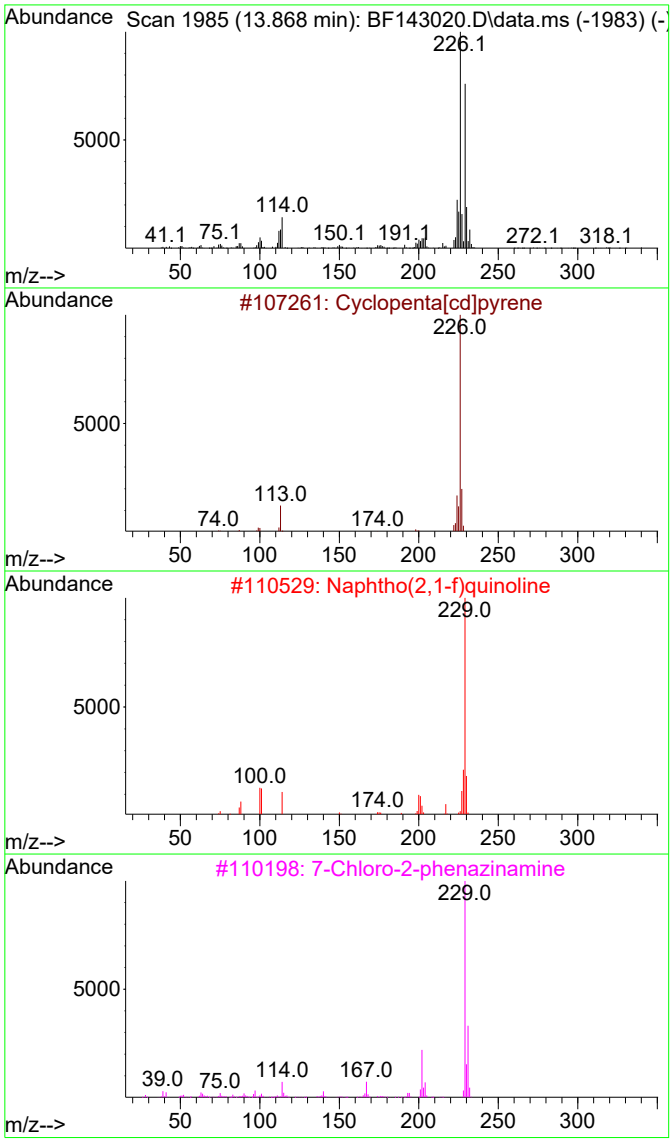
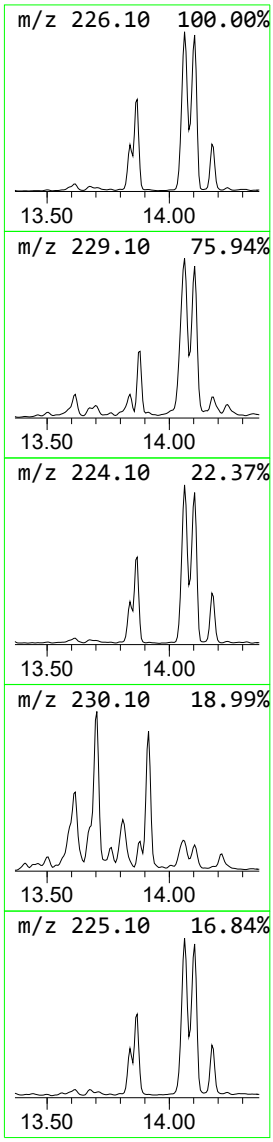
Peak Number 15 unknown13.868 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.868	2.94 ng	708462	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	38
2	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	38
3	7-Chloro-2-phenazinamine	229	C12H8ClN3	023677-11-4	35
4	Benzo(a)acridine	229	C17H11N	000225-11-6	35
5	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	30





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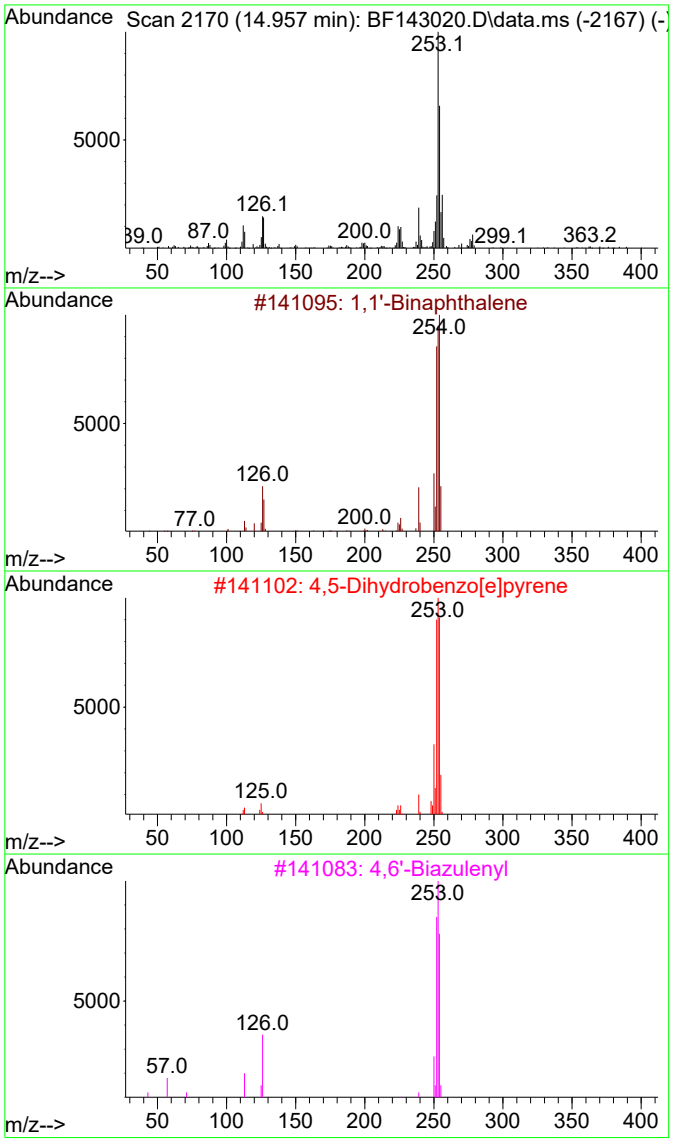
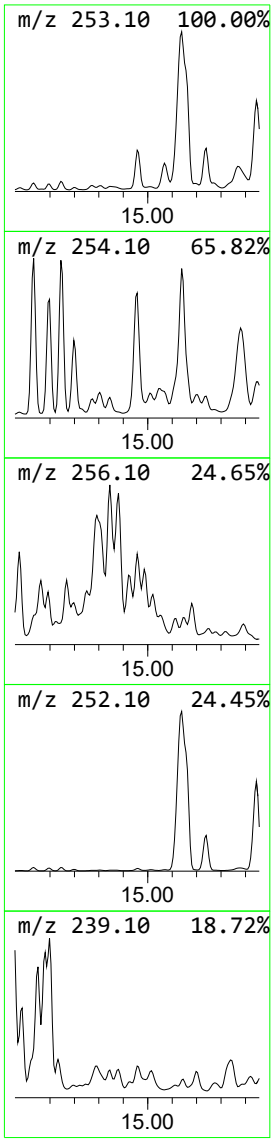
Peak Number 16 1,1'-Binaphthalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.957	14.46 ng	184001	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	89
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	76
3	4,6'-Biazulenyl	254	C20H14	094154-49-1	58
4	1H-Indene, 1,1'-(1,2-ethanediyli...	254	C20H14	072088-04-1	52
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	50





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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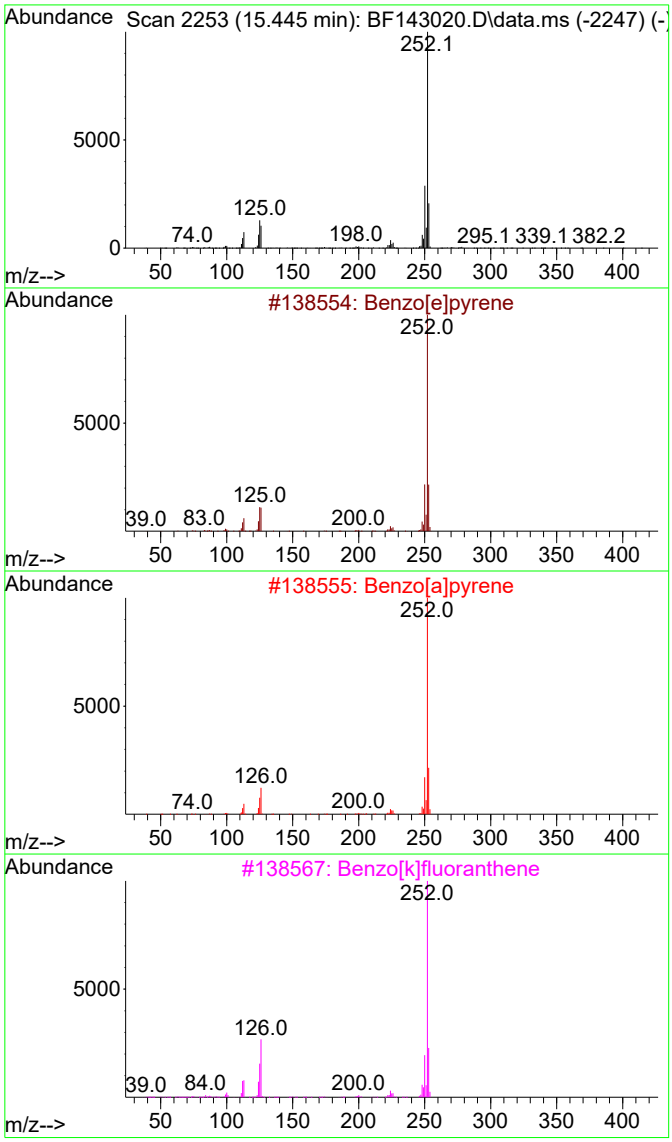
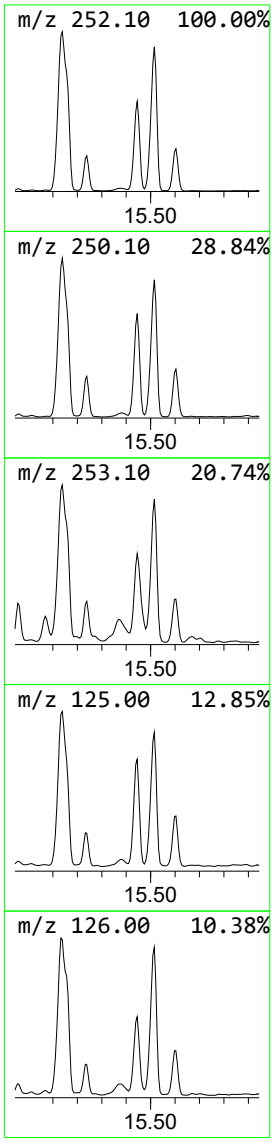
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	94.72 ng	1205550	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





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Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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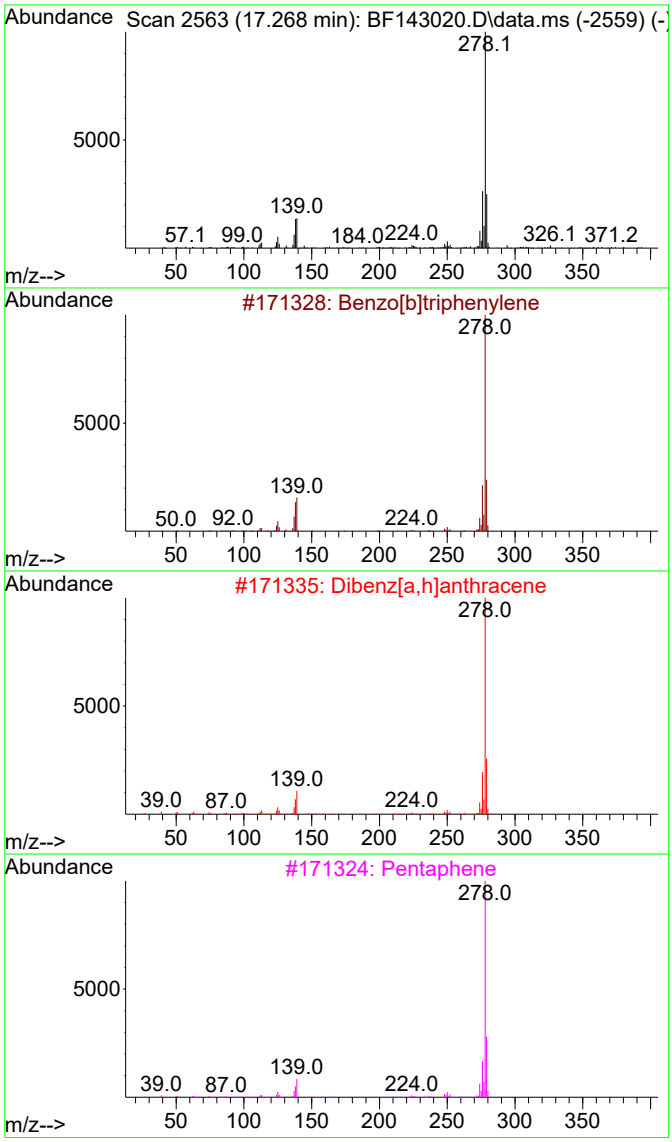
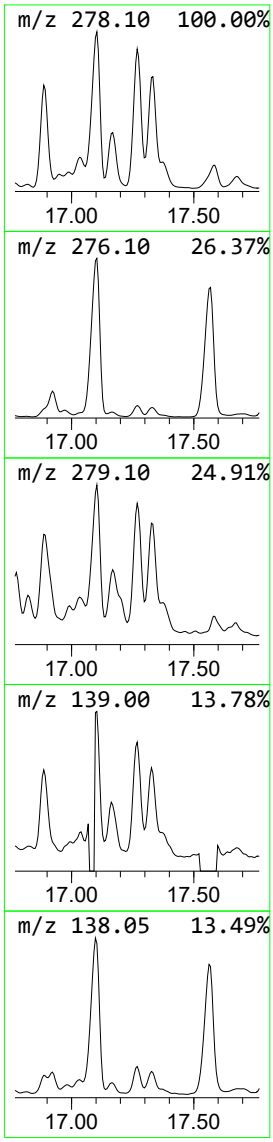
Peak Number 19 Benzo[b]triphenylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	12.79 ng	162833	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	98
3	Pentaphene	278	C22H14	000222-93-5	98
4	Picene	278	C22H14	000213-46-7	97
5	Benzo[b]chrysene	278	C22H14	000214-17-5	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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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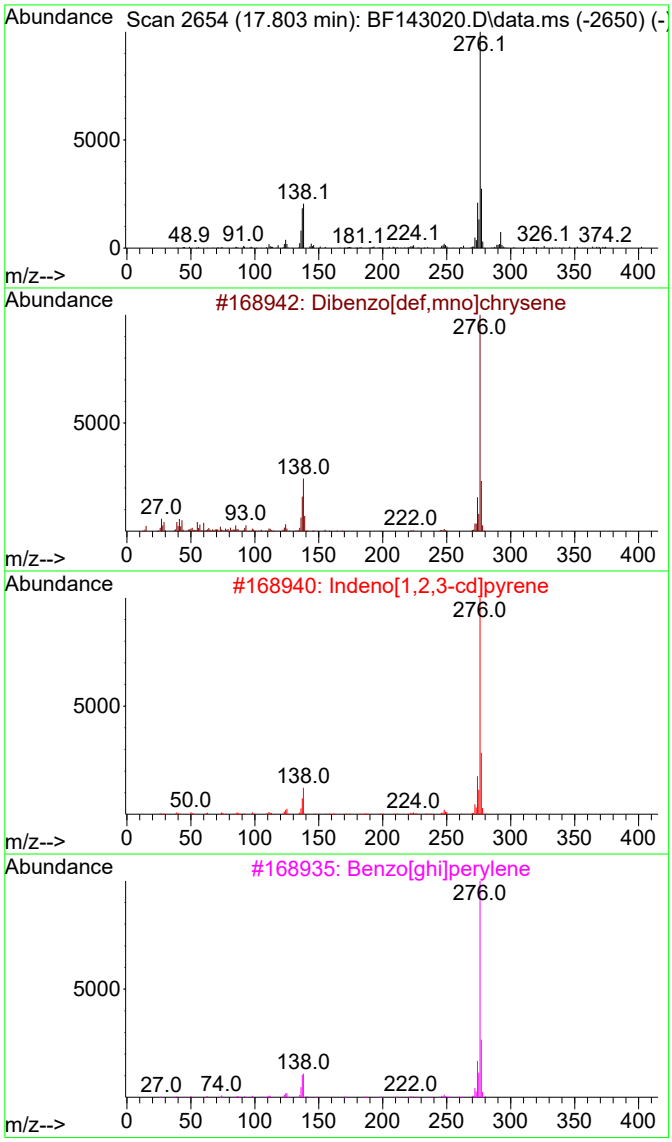
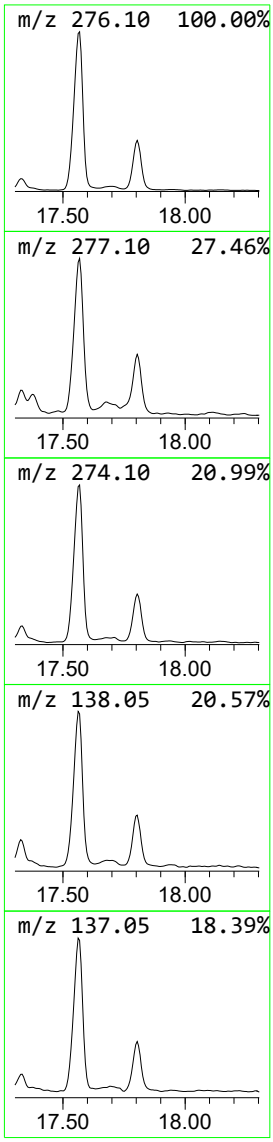
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.803	26.98 ng	343450	Perylene-d12	15.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	95
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	95
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	59
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143020.D
Acq On : 07 Jul 2025 20:51
Operator : RC/JU
Sample : Q2473-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIT#1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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
Naphthalene, 2,...	9.498	5.1	ng	134147	3	9.916	523187	20.0
Naphthalene, 1,...	9.575	7.8	ng	204788	3	9.916	523187	20.0
Naphthalene, 2,...	9.692	4.4	ng	114298	3	9.916	523187	20.0
Naphthalene, 2,...	10.233	3.6	ng	93462	3	9.916	523187	20.0
Naphthalene, 1,...	10.333	6.4	ng	168529	3	9.916	523187	20.0
1-Isopropenylna...	10.533	9.5	ng	248604	3	9.916	523187	20.0
unknown10.551	10.551	7.7	ng	200848	3	9.916	523187	20.0
Dibenzofuran, 4...	10.621	16.7	ng	437455	3	9.916	523187	20.0
Phenanthrene, 2...	11.945	3.2	ng	1205150	4	11.416	7632670	20.0
4H-Cyclopenta[d...	12.033	6.2	ng	2368050	4	11.416	7632670	20.0
Pyrene, 1-methyl-	13.080	4.2	ng	1019820	5	14.074	4821270	20.0
11H-Benzo[b]flu...	13.192	6.4	ng	1550510	5	14.074	4821270	20.0
Fluoranthene, 2...	13.257	3.7	ng	890065	5	14.074	4821270	20.0
Pyrene, 2-methyl-	13.298	3.8	ng	923258	5	14.074	4821270	20.0
unknown13.868	13.868	2.9	ng	708462	5	14.074	4821270	20.0
1,1'-Binaphthalene	14.957	14.5	ng	184001	6	15.568	254552	20.0
Benzo[e]pyrene	15.445	94.7	ng	1205550	6	15.568	254552	20.0
Benzo[b]triphen...	17.268	12.8	ng	162833	6	15.568	254552	20.0
Dibenzo[def,mno...	17.803	27.0	ng	343450	6	15.568	254552	20.0