LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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: BF143018.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.087	486	492	501	rBV	47894	71551	1.45%	0.156%
2	5.498	556	562	578	rBV	514279	714389	14.52%	1.558%
3	6.504	728	733	752	rBV	519154	691070	14.04%	1.507%
4	6.875	791	796	803	rVB	218555	264465	5.37%	0.577%
5	7.434	886	891	905	rBV	323880	417076	8.47%	0.910%
6	8.157	1009	1014	1024	rBV2	258966	375233	7.62%	0.818%
7	8.875	1131	1136	1142	rVB	54449	66896	1.36%	0.146%
8	8.969	1147	1152	1159	rVB	77444	100996	2.05%	0.220%
9	9.233	1192	1197	1202	rBV	591119	711801	14.46%	1.552%
10	9.333	1211	1214	1219	rVB	49609	59933	1.22%	0.131%
11	9.498	1237	1242	1247	rBV	81545	124867	2.54%	0.272%
12	9.575	1250	1255	1257	rBV	110776	147235	2.99%	0.321%
13	9.598	1257	1259	1263	rVB	52695	58892	1.20%	0.128%
14	9.692	1271	1275	1282	rVB	52661	80176	1.63%	0.175%
15	9.775	1284	1289	1295	rBV	98819	132271	2.69%	0.288%
16	9.916	1304	1313	1316	rBV2	297378	425950	8.65%	0.929%
17	9.951	1316	1319	1323	rVV	227425	277858	5.65%	0.606%
18	10.122	1343	1348	1352	rBV	431397	540099	10.97%	1.178%
19	10.157	1352	1354	1359	rVB	56643	59850	1.22%	0.131%
20	10.233	1362	1367	1369	rBV2	48997	67083	1.36%	0.146%
21	10.339	1377	1385	1388	rBV2	61587	120918	2.46%	0.264%
22	10.469	1401	1407	1412	rVB	527189	684295	13.90%	1.492%
23	10.627	1428	1434	1441	rVB	225978	333844	6.78%	0.728%
24	10.710	1441	1448	1452	rVV	495566	686737	13.95%	1.498%
25	10.822	1461	1467	1474	rVB3	81725	156362	3.18%	0.341%
26	11.010	1493	1499	1503	rBV2	80844	144122	2.93%	0.314%
27	11.145	1517	1522	1523	rBV2	44629	65291	1.33%	0.142%
28	11.216	1530	1534	1538	rBV	265212	322425	6.55%	0.703%
29	11.263	1538	1542	1545	rVV2	74954	111067	2.26%	0.242%
30	11.304	1545	1549	1555	rVB	256277	349701	7.11%	0.763%
31	11.445	1562	1573	1577	rBV	2748959	4547781	92.41%	9.918%
32	11.486	1577	1580	1584	rVB	560986	677337	13.76%	1.477%
33	11.569	1590	1594	1601	rVB3	26972	56719	1.15%	0.124%
34	11.639	1601	1606	1611	rBV	310368	412853	8.39%	0.900%
35	11.698	1611	1616	1620	rVV2	90441	148655	3.02%	0.324%
36	11.739	1620	1623	1628	rVB3	84810	116948	2.38%	0.255%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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	11.821	1631	1637	1641	rVB2	42403	74403	1.51%	0.162%
38	11.910	1648	1652	1654	rBV	327775	415900	8.45%	0.907%
39	11.939	1654	1657	1661	rVB	455975	571214	11.61%	1.246%
40	11.986	1661	1665	1668	rBV	93016	123137	2.50%	0.269%
41	12.027	1668	1672	1679	rVB2	524594	963047	19.57%	2.100%
42	12.098	1679	1684	1689	rBV3	67900	132199	2.69%	0.288%
43	12.204	1698	1702	1705	rBV	232748	295285	6.00%	0.644%
44	12.239	1705	1708	1712	rVB	199343	241540	4.91%	0.527%
45	12.351	1722	1727	1730	rBV2	73492	124632	2.53%	0.272%
46	12.386	1730	1733	1735	rVV	53949	58157	1.18%	0.127%
47	12.463	1741	1746	1749	rBV	187211	282970	5.75%	0.617%
48	12.492	1749	1751	1758	rVB3	129943	219156	4.45%	0.478%
49	12.557	1758	1762	1769	rVB	276409	378657	7.69%	0.826%
50	12.639	1769	1776	1781	rBV	3114830	4921481	100.00%	10.733%
51	12.780	1794	1800	1807	rVB2	138639	249487	5.07%	0.544%
52	12.868	1807	1815	1820	rBV	2717538	4693397	95.37%	10.236%
53	12.904	1820	1821	1826	rVB2	152273	157982	3.21%	0.345%
54	12.992	1829	1836	1844	rVB2	644114	1148489	23.34%	2.505%
55	13.074	1844	1850	1855	rBV3	249237	518280	10.53%	1.130%
56	13.180	1861	1868	1872	rVB3	230845	525170	10.67%	1.145%
57	13.251	1877	1880	1882	rVV2	86716	99579	2.02%	0.217%
58	13.286	1882	1886	1893	rVB2	271233	405440	8.24%	0.884%
59	13.380	1899	1902	1905	rBV	141753	188403	3.83%	0.411%
60	13.415	1905	1908	1916	rVB2	167574	239388	4.86%	0.522%
61	13.563	1930	1933	1936	rBV4	40884	68007	1.38%	0.148%
62	13.698	1952	1956	1961	rVB	362588	452360	9.19%	0.987%
63	13.804	1969	1974	1977	rBV	340326	528470	10.74%	1.153%
64	13.833	1977	1979	1981	rVV	255552	285548	5.80%	0.623%
65	13.863	1981	1984	1988	rVV2	262061	454397	9.23%	0.991%
66	13.910	1988	1992	1996	rVV	308603	447079	9.08%	0.975%
67	13.974	2000	2003	2009	rVB	63842	93579	1.90%	0.204%
68	14.057	2010	2017	2020	rBV2	1604738	2724972	55.37%	5.943%
69	14.092	2020	2023	2029	rVB	1347195	1828595	37.16%	3.988%
70	14.168	2033	2036	2039	rVB	83587	89475	1.82%	0.195%
71	14.210	2039	2043	2047	rBV3	89003	145339	2.95%	0.317%
72	14.280	2052	2055	2059	rVB2	103528	150158	3.05%	0.327%
73	14.410	2074	2077	2078	rBV2	55396	60697	1.23%	0.132%
74	14.445	2079	2083	2086	rVV	209714	295589	6.01%	0.645%
75	14.480	2086	2089	2092	rVB	87834	103546	2.10%	0.226%
76	14.574	2101	2105	2111	rVB3	113192	203163	4.13%	0.443%

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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	14.951	2165	2169	2177	rVB2	100547	173576	3.53%	0.379%
78	15.127	2192	2199	2208	rBV	1019698	2472653	50.24%	5.393%
79	15.227	2213	2216	2221	rVB	133263	180201	3.66%	0.393%
80	15.433	2246	2251	2257	rVB	511359	822992	16.72%	1.795%
81	15.498	2257	2262	2268	rVV	655024	1049339	21.32%	2.288%
82	15.562	2268	2273	2275	rVV	141158	229188	4.66%	0.500%
83	15.592	2275	2278	2287	rVB	209252	342038	6.95%	0.746%
84	17.086	2524	2532	2539	rBV	331583	724348	14.72%	1.580%
85	17.545	2603	2610	2619	rVB	252773	577648	11.74%	1.260%

Sum of corrected areas: 45853096

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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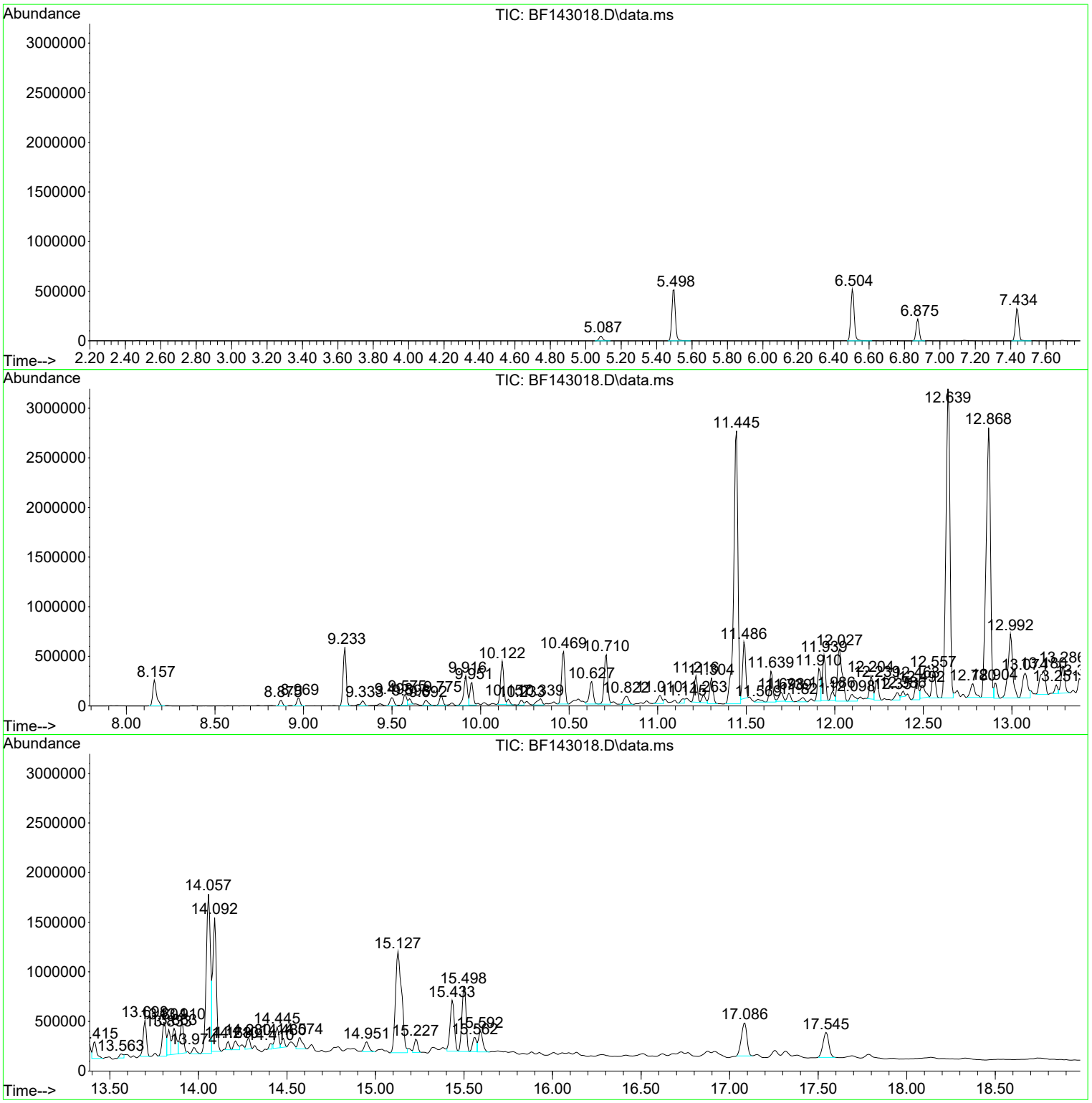
Instrument :
BNA_F
ClientSampleId :
TP-58

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 : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

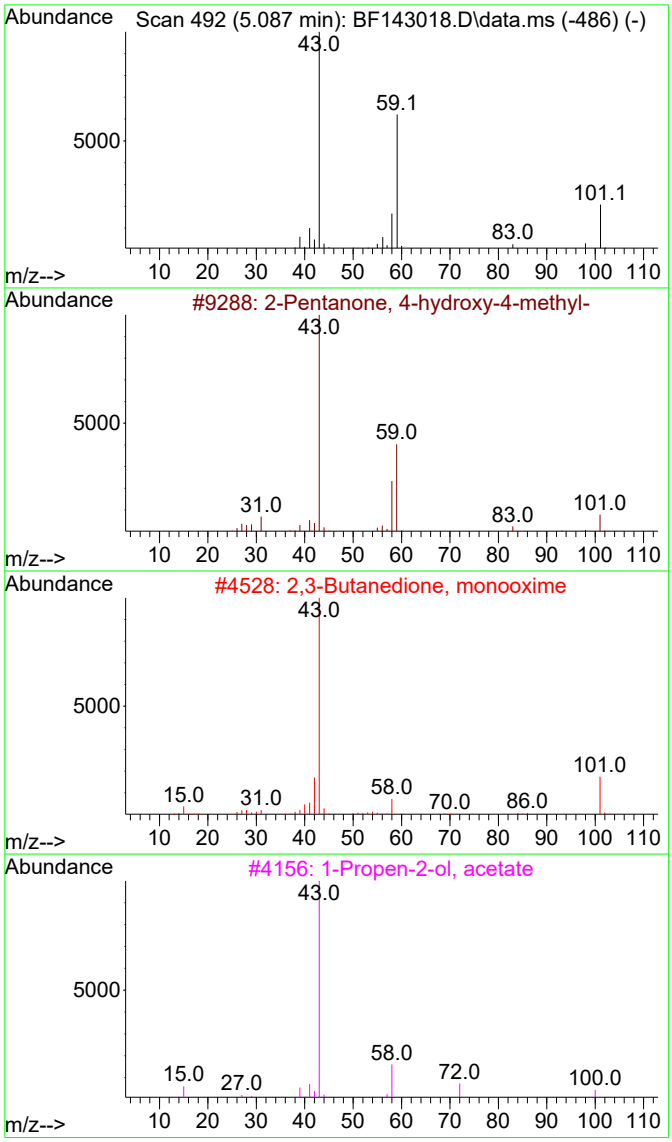
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

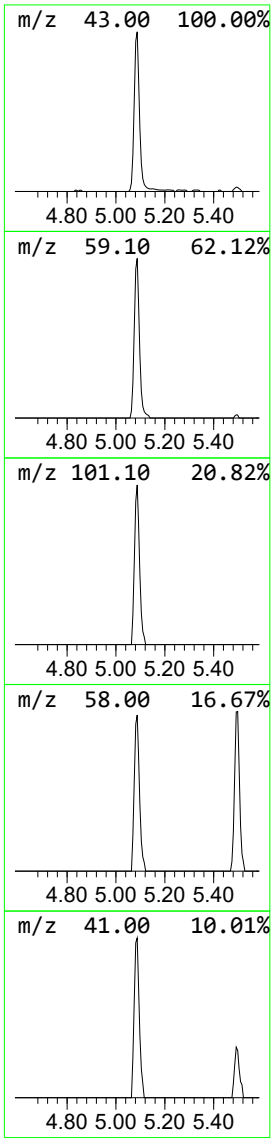
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	5.41 ng	71551	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9
5	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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

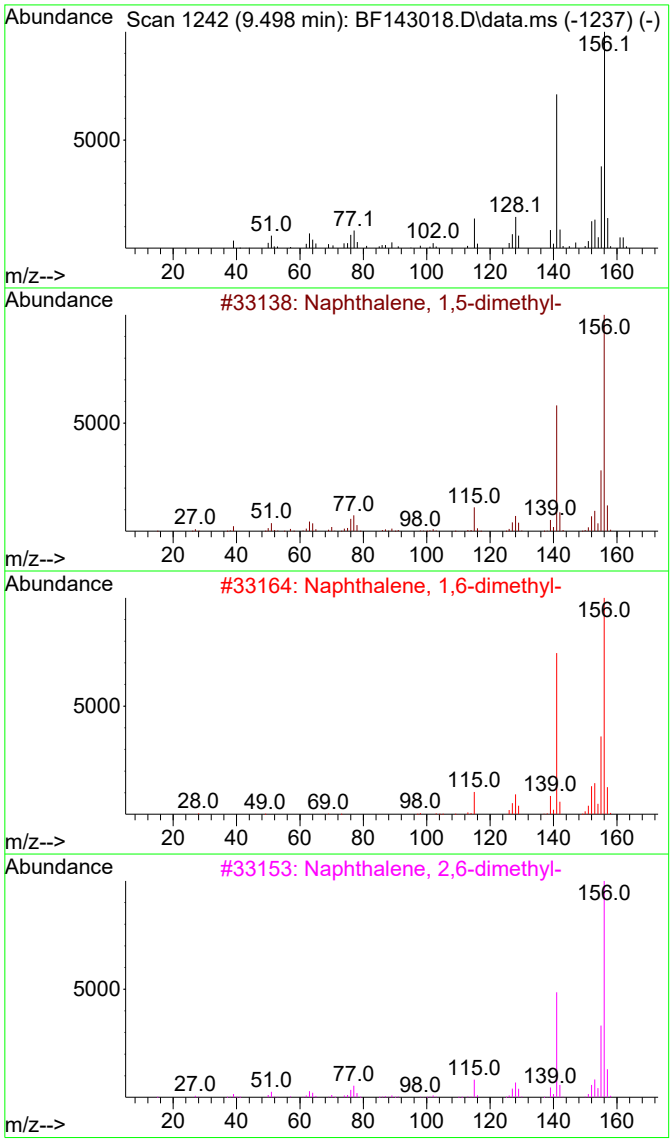
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

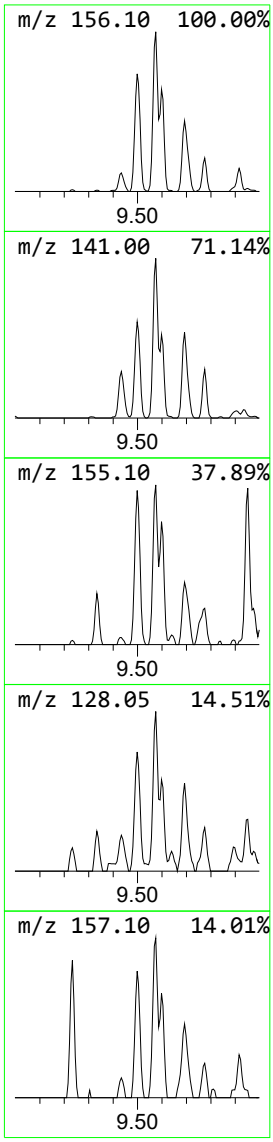
****

Peak Number 2 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	5.86 ng	124867	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
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Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

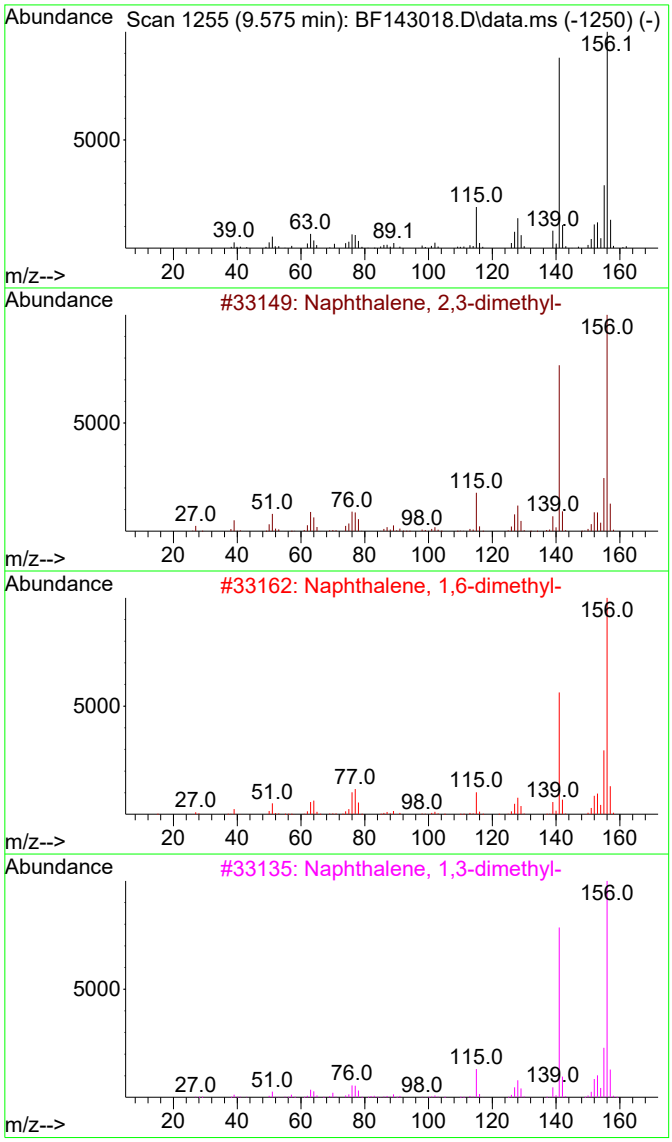
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

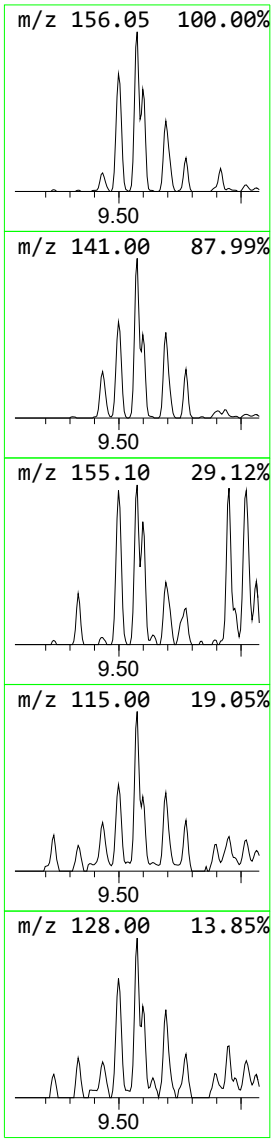
****

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.575	6.91 ng	147235	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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

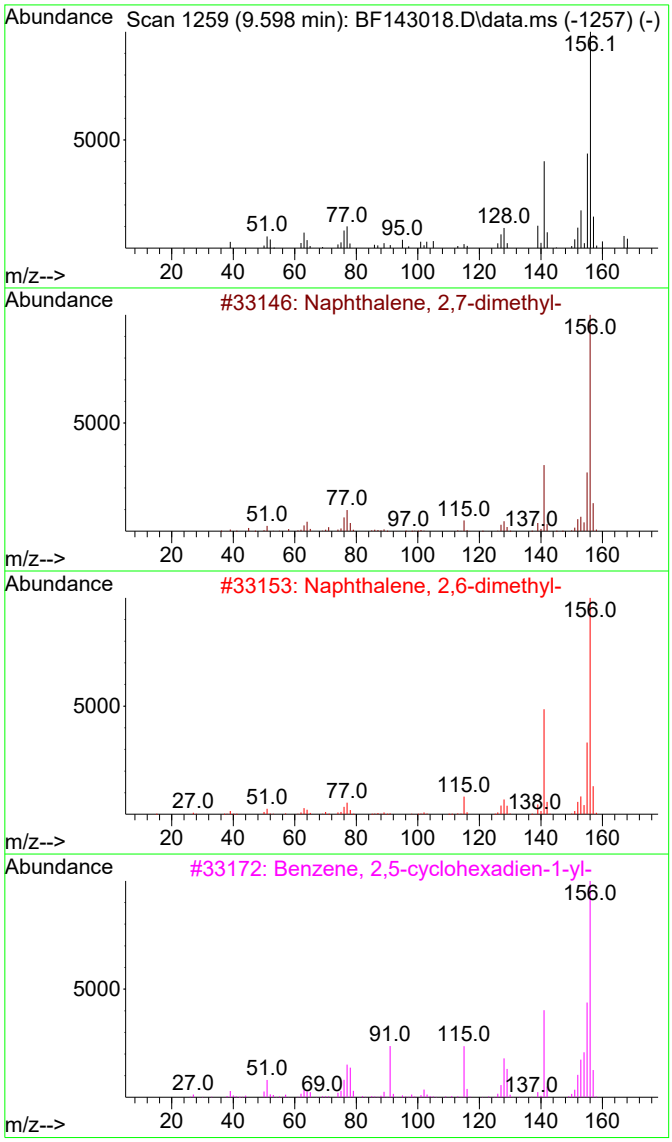
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

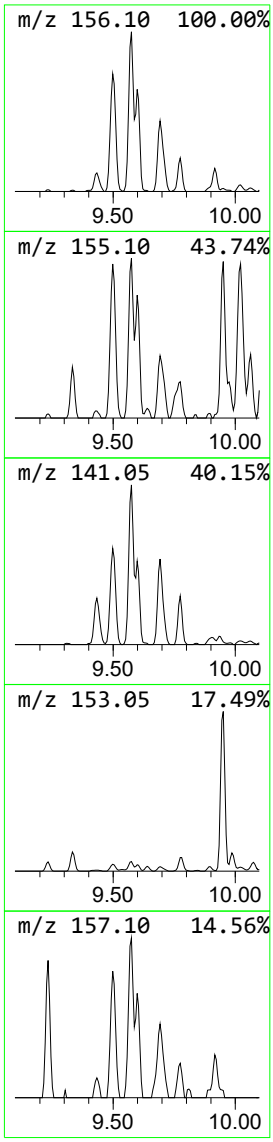
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.598	2.77 ng	58892	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	87
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	87
3	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	68
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	64
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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

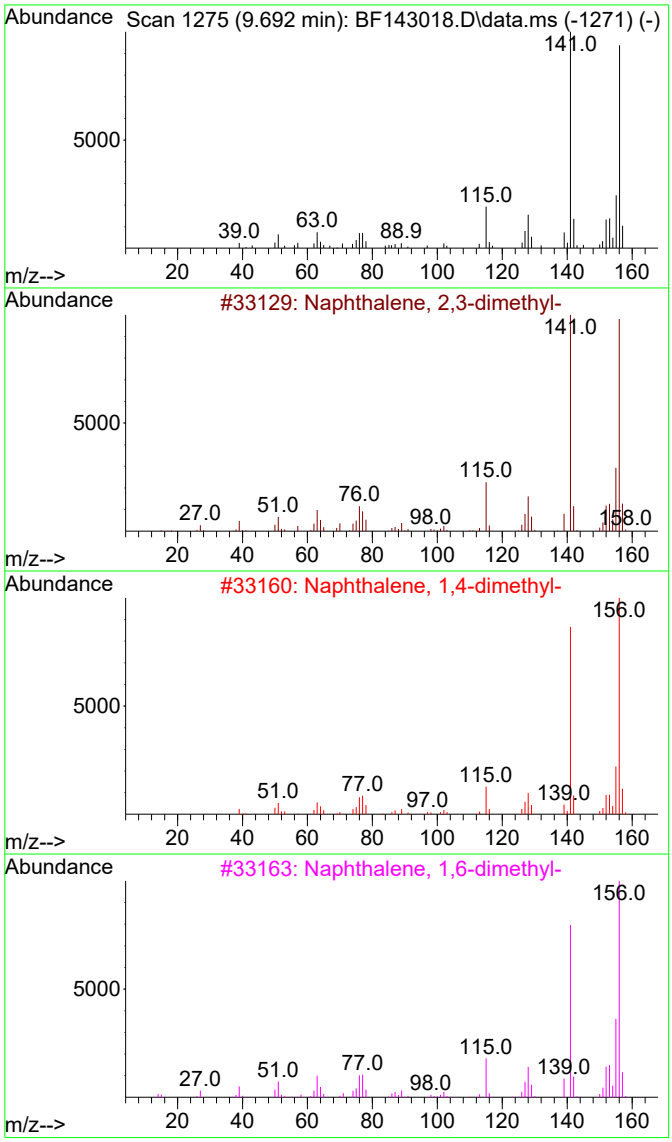
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

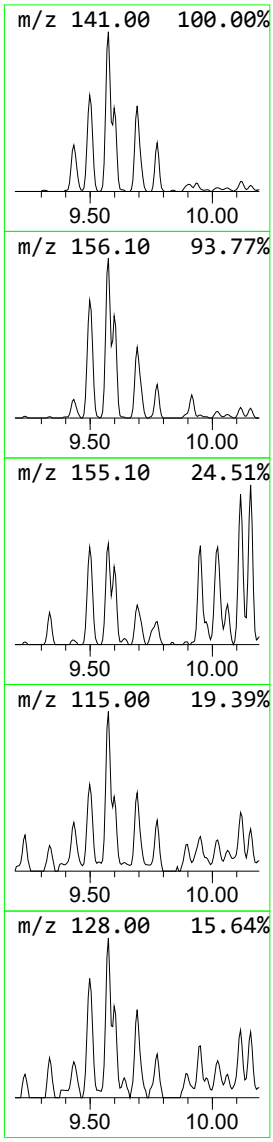
****

Peak Number 5 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	3.76 ng	80176	Acenaphthene-d10	9.916

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	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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

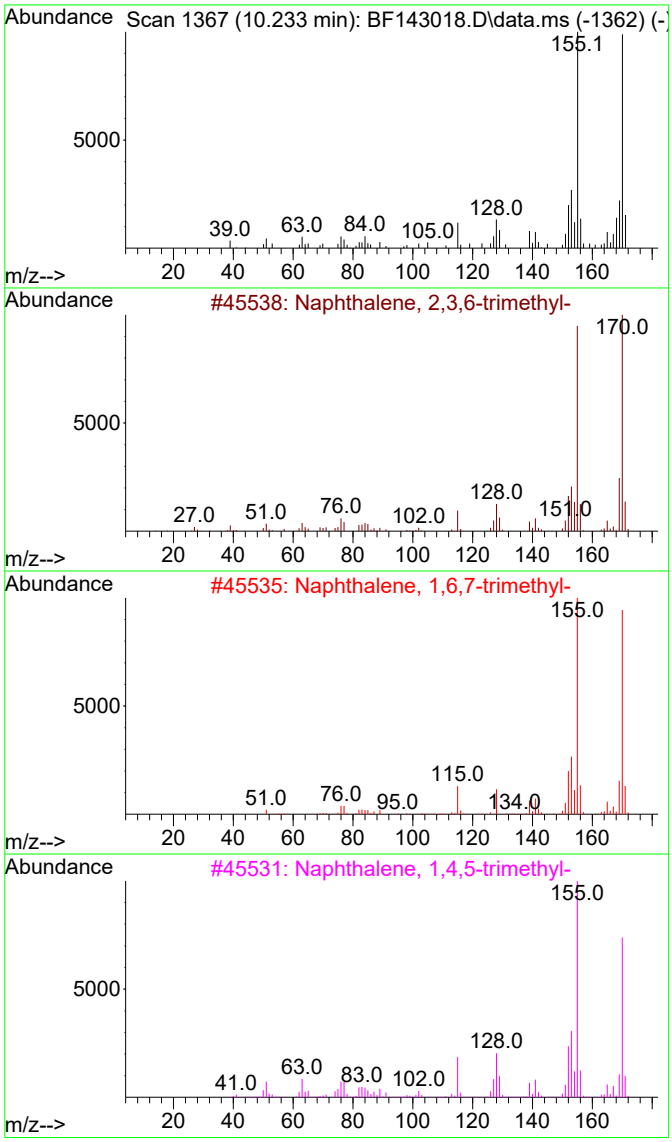
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

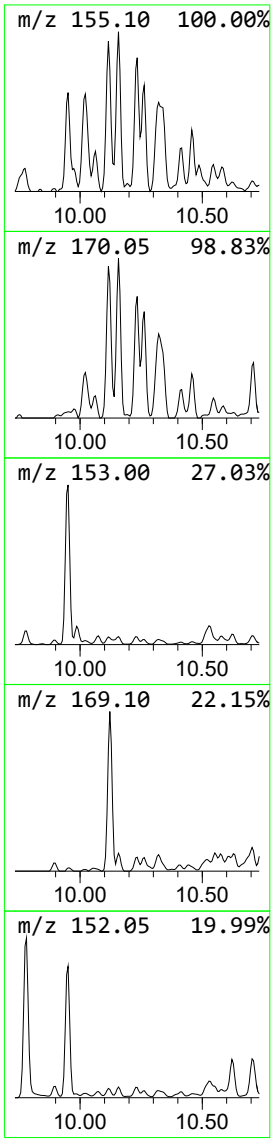
****

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	3.15 ng	67083	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	98
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	91





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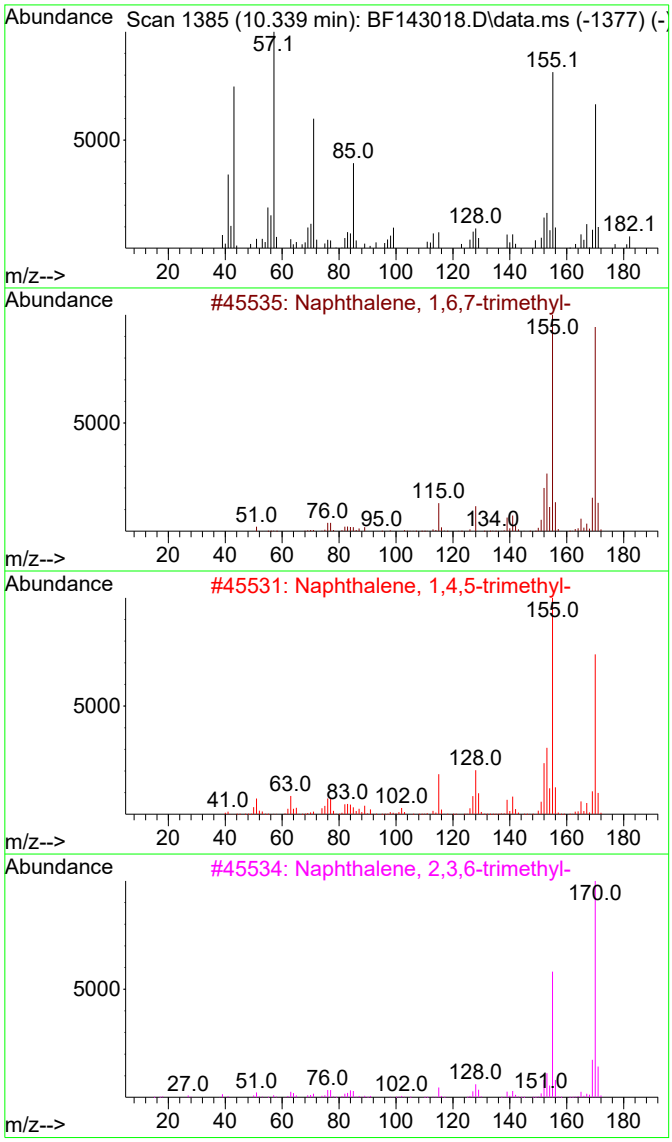
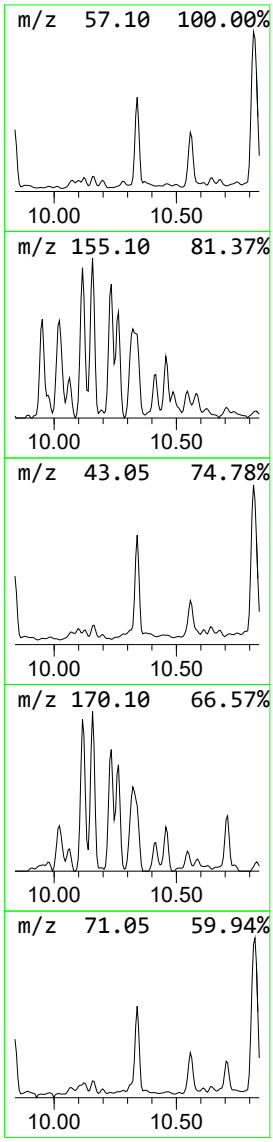
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.339	5.68 ng	120918	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	60
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	50





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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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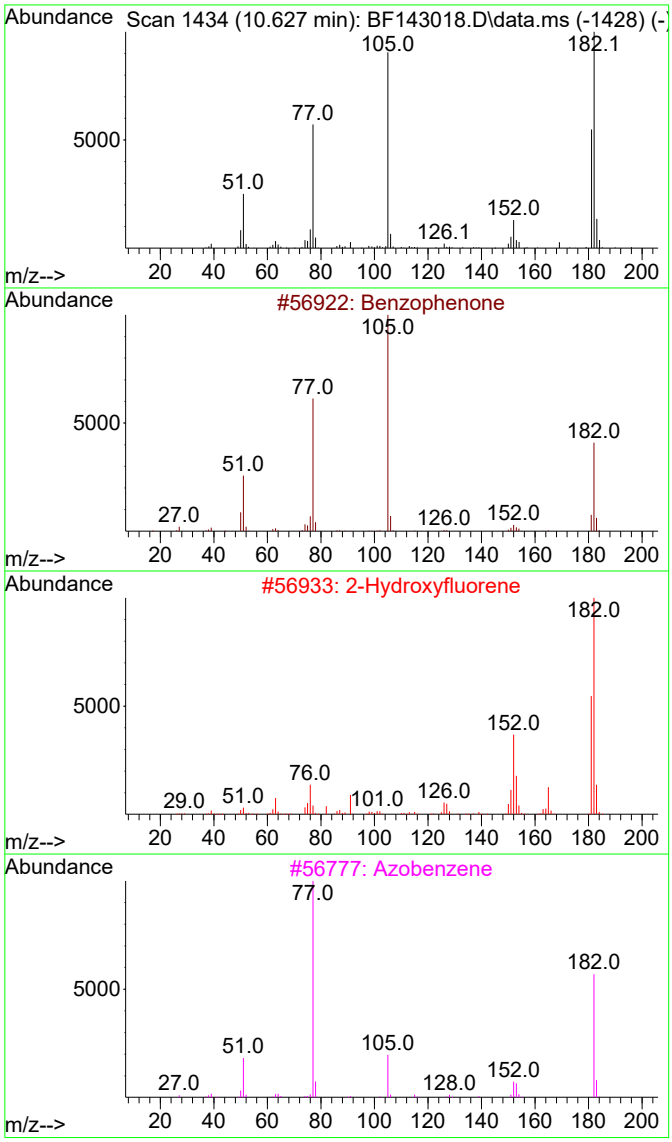
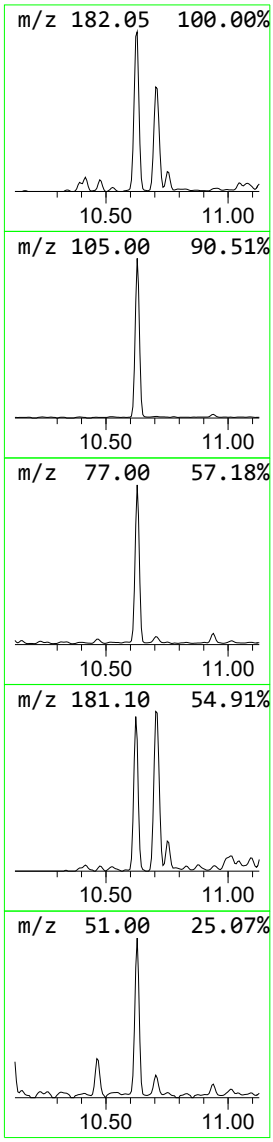
Peak Number 8 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.627	15.68 ng	333844	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	81
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
3	Azobenzene	182	C12H10N2	000103-33-3	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	38





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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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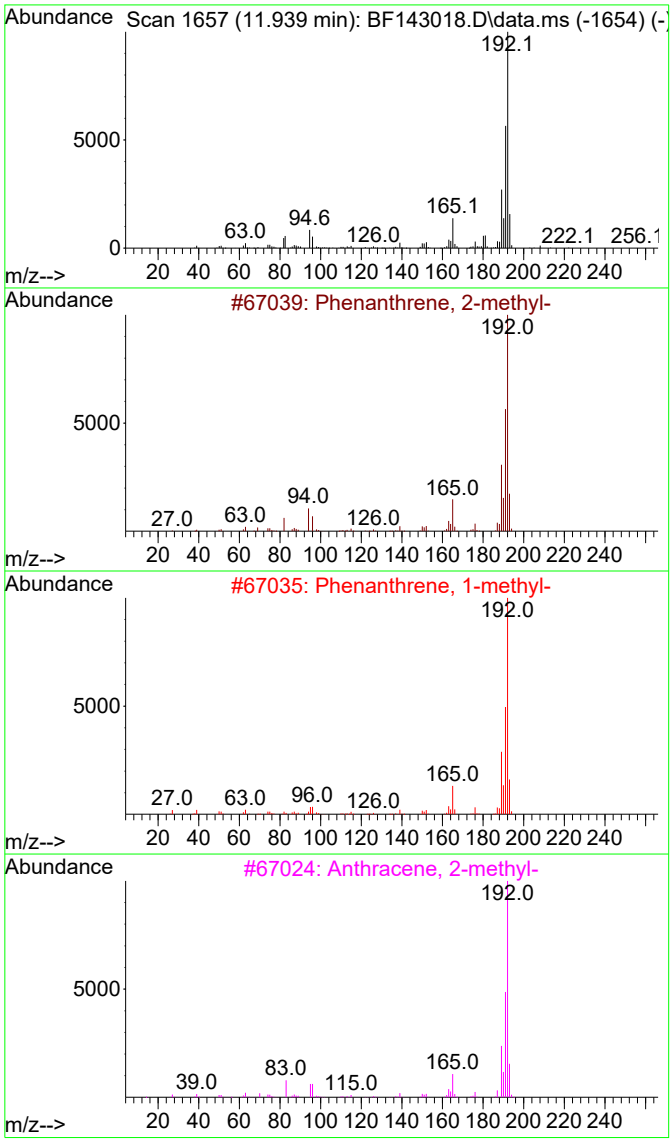
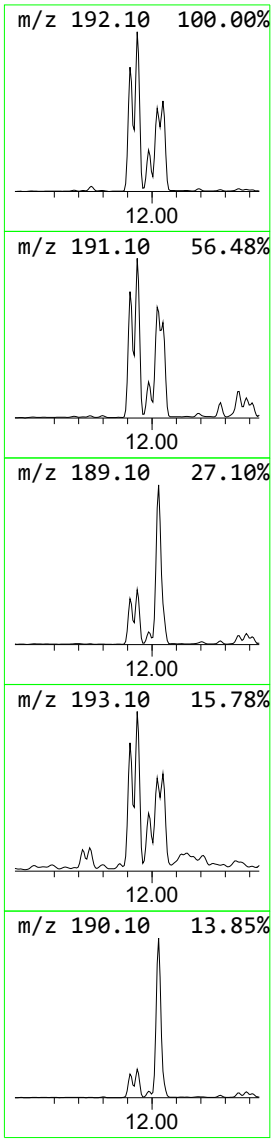
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	2.51 ng	571214	Phenanthrene-d10	11.410

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	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





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Sample : Q2484-01
Misc :
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ClientSampleId :
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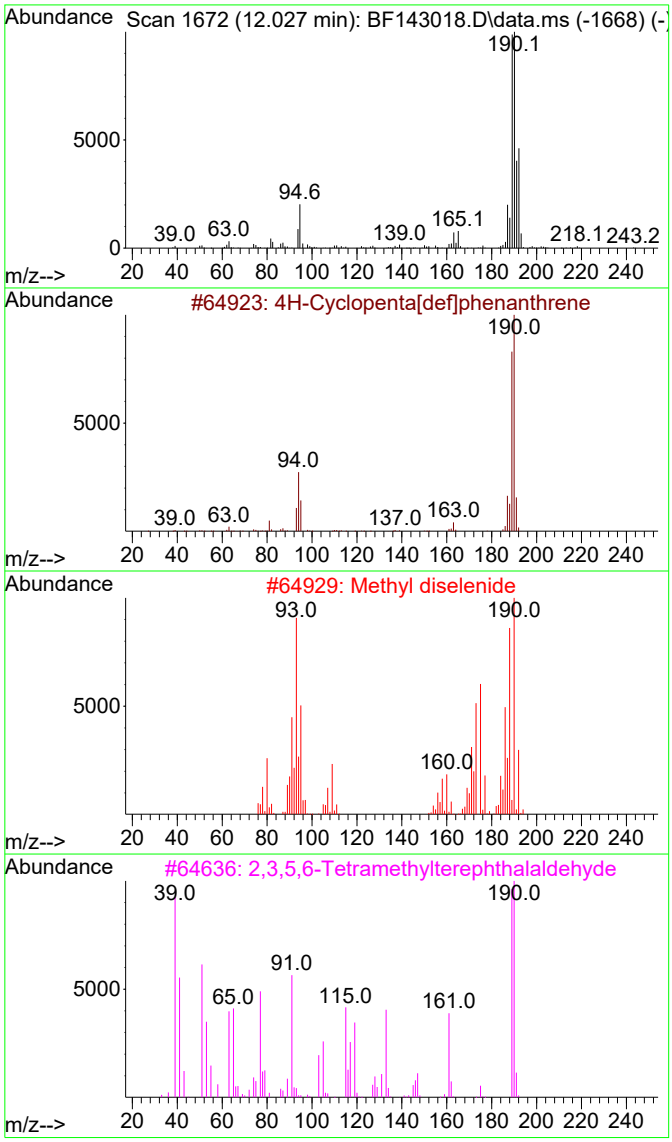
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

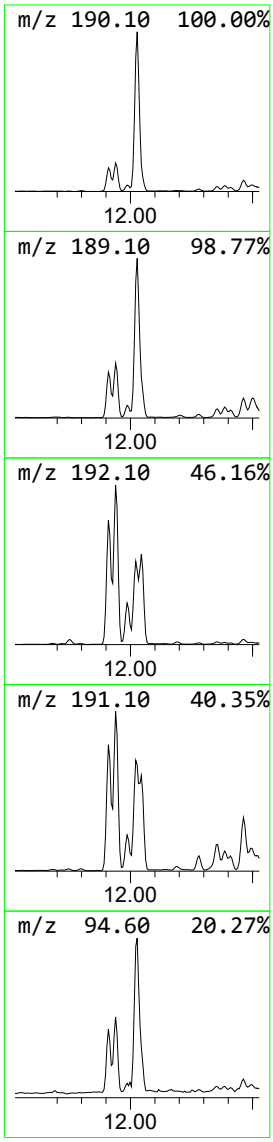
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.027	4.24 ng	963047	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Methyl diselenide	190	C2H6Se2	007101-31-7	45
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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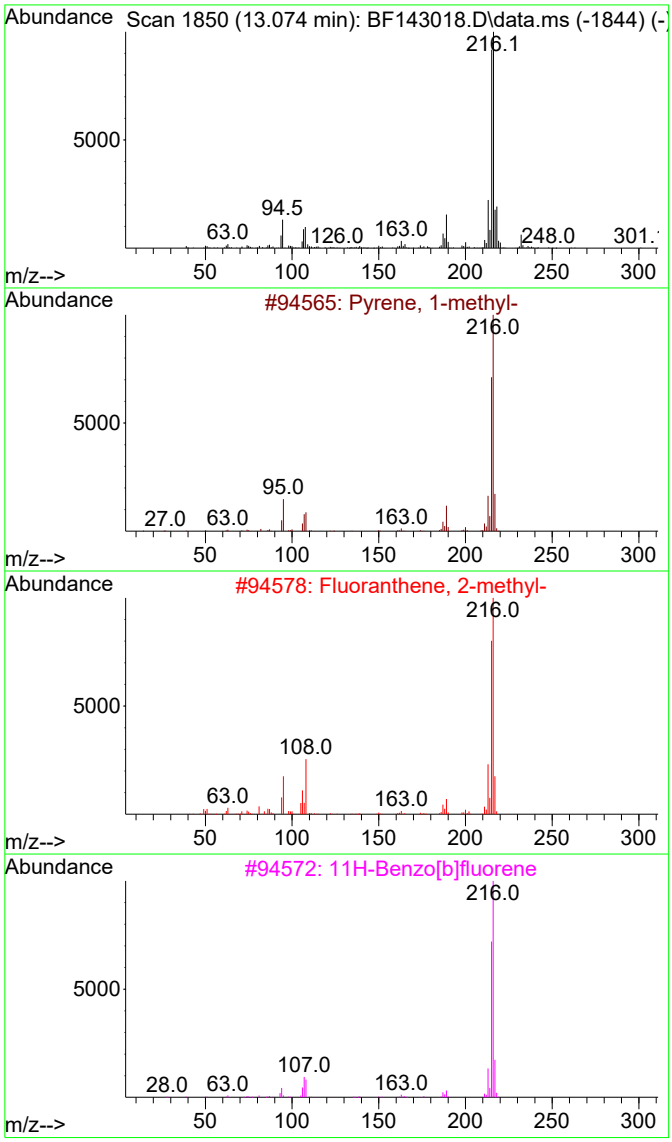
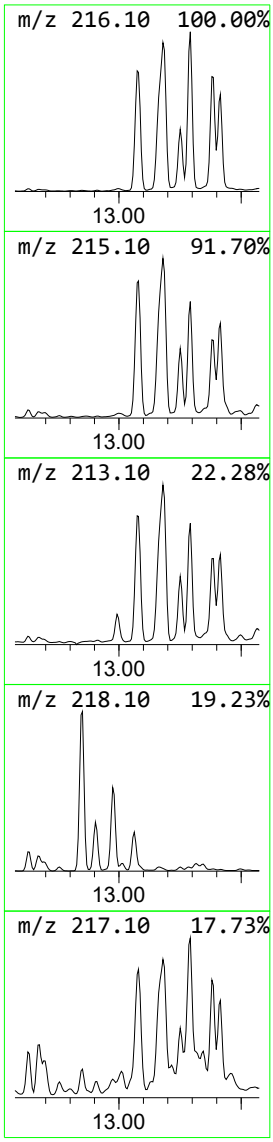
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.074	3.80 ng	518280	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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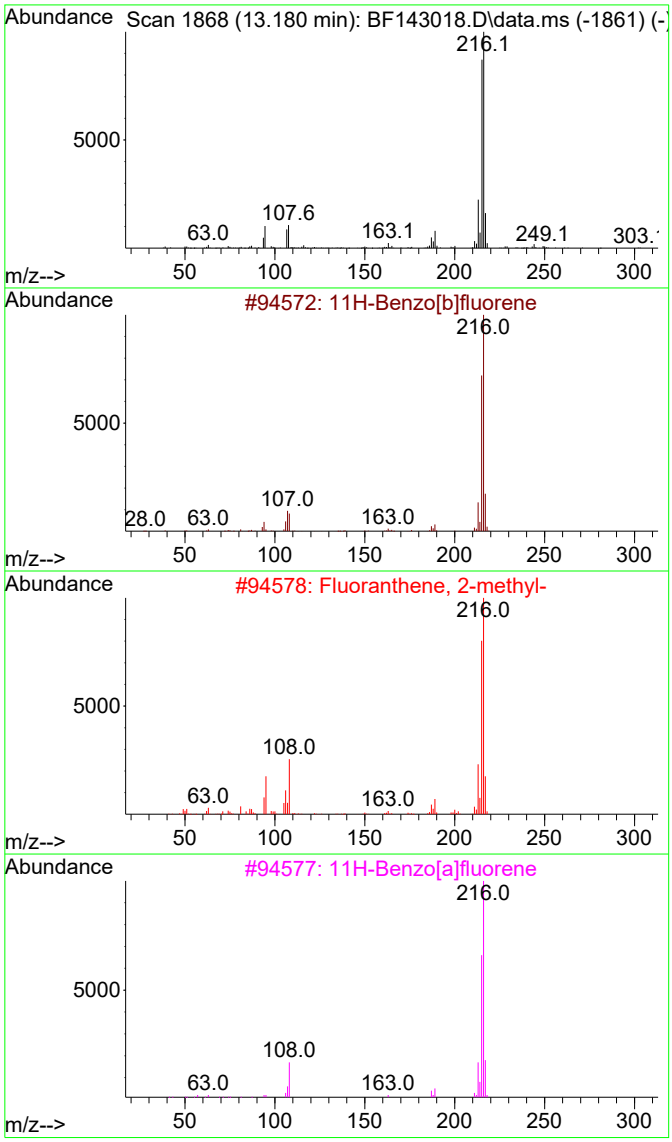
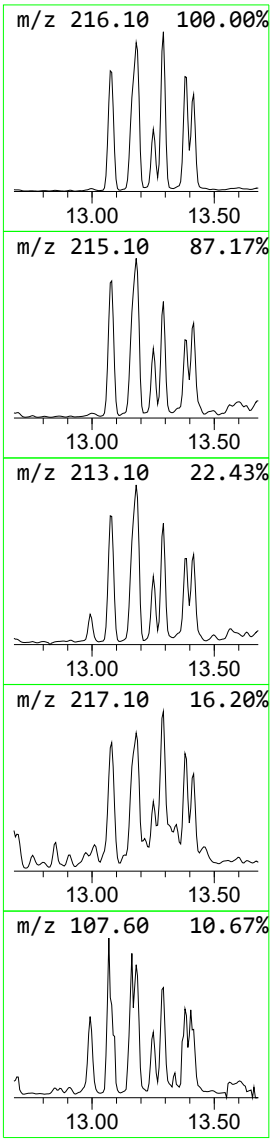
Peak Number 12 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.85 ng	525170	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
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	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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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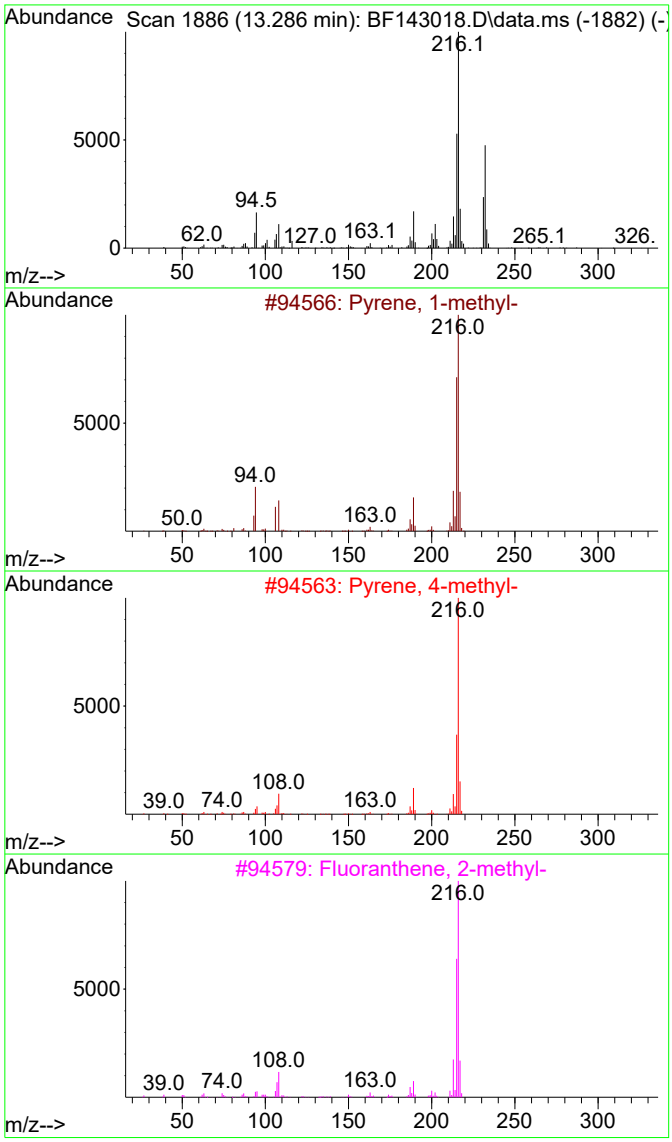
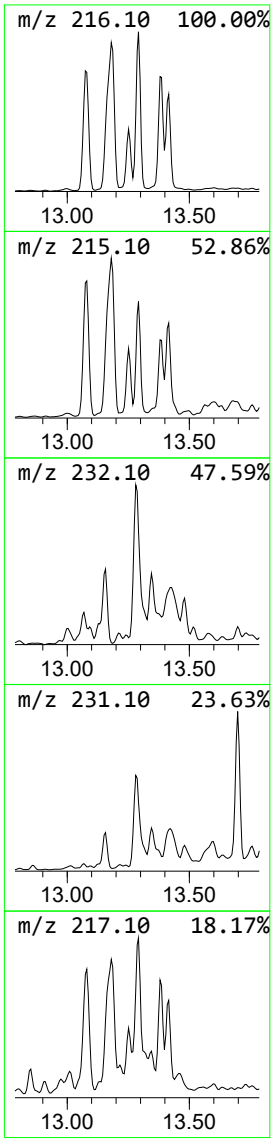
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	2.98 ng	405440	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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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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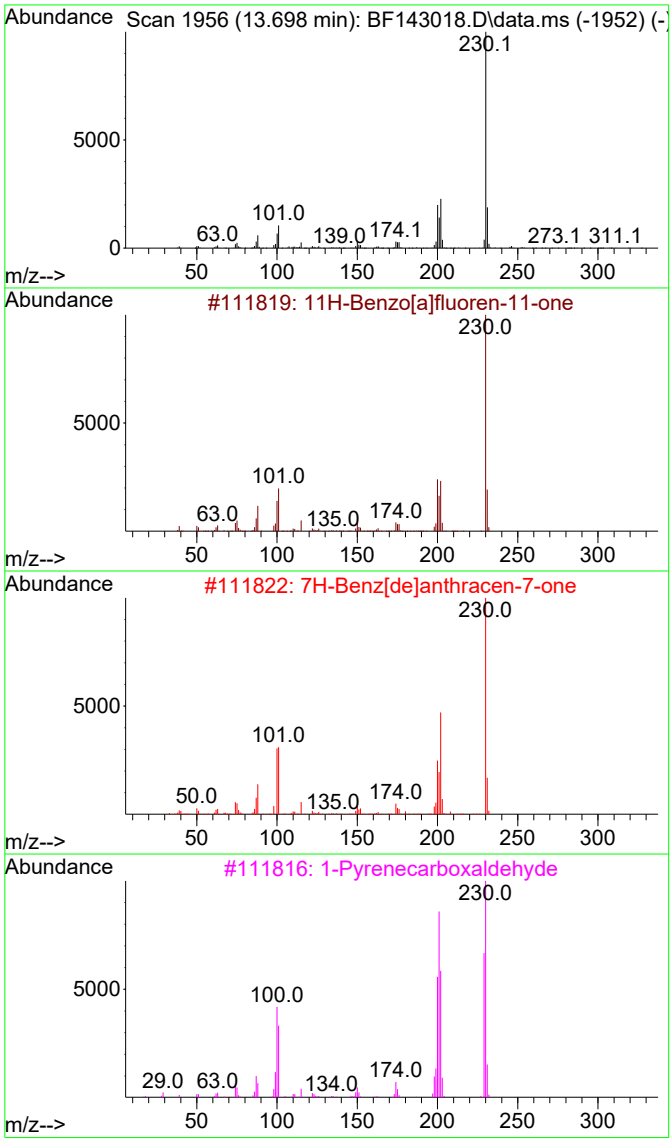
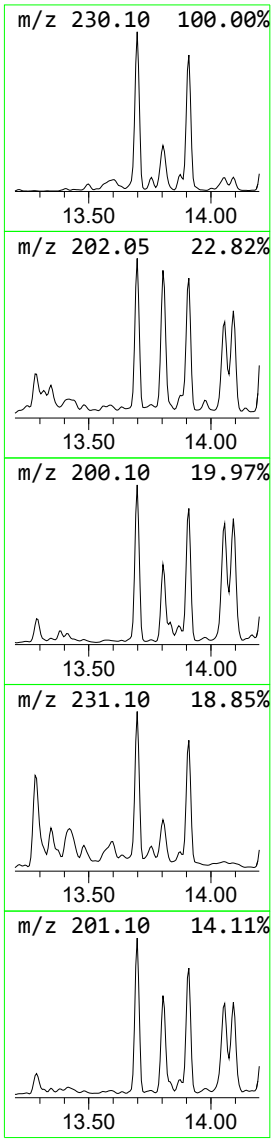
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.698	3.32 ng	452360	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	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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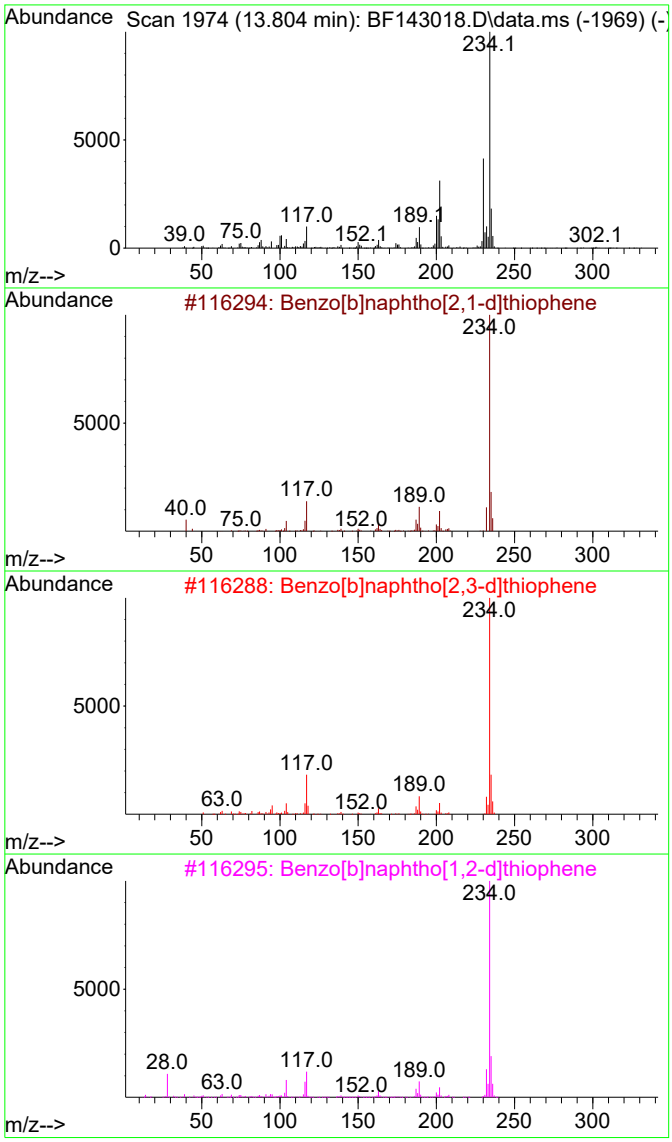
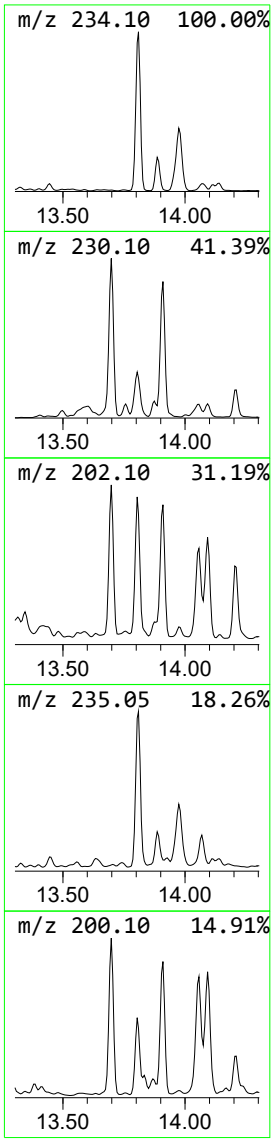
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.804	3.88 ng	528470	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	83
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	60
4	3-pyrazolidinone, 1-(3-ethoxyphe...	234	C13H18N2O2	1000396-41-6	38
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	38





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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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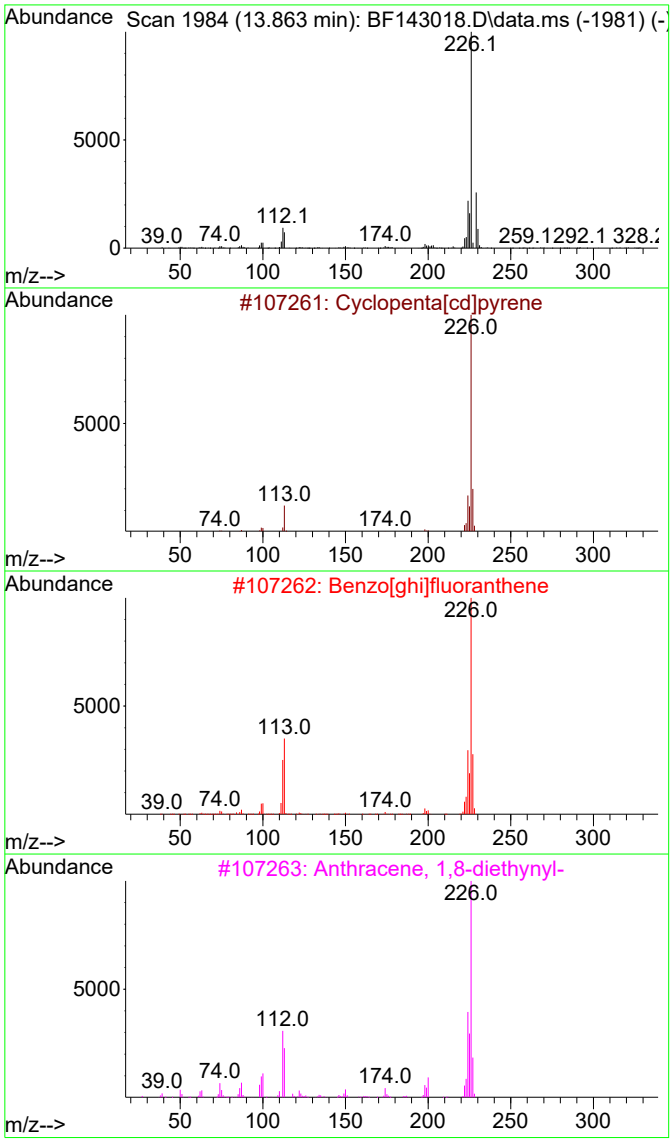
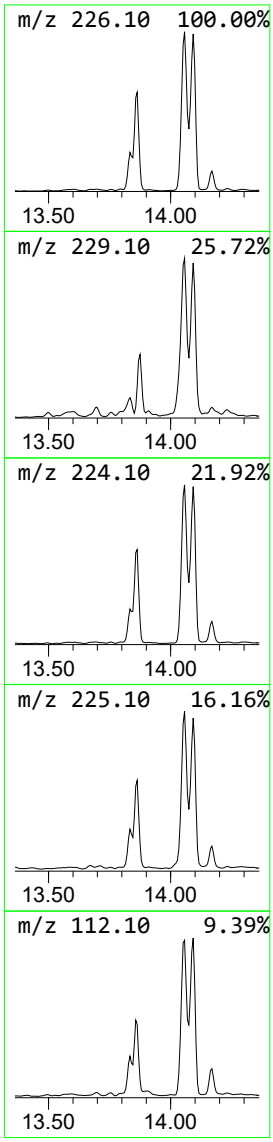
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.863	3.34 ng	454397	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	35
3	Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	10
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	9
5	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	9





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TIC Library : C:\Database\NIST20.L
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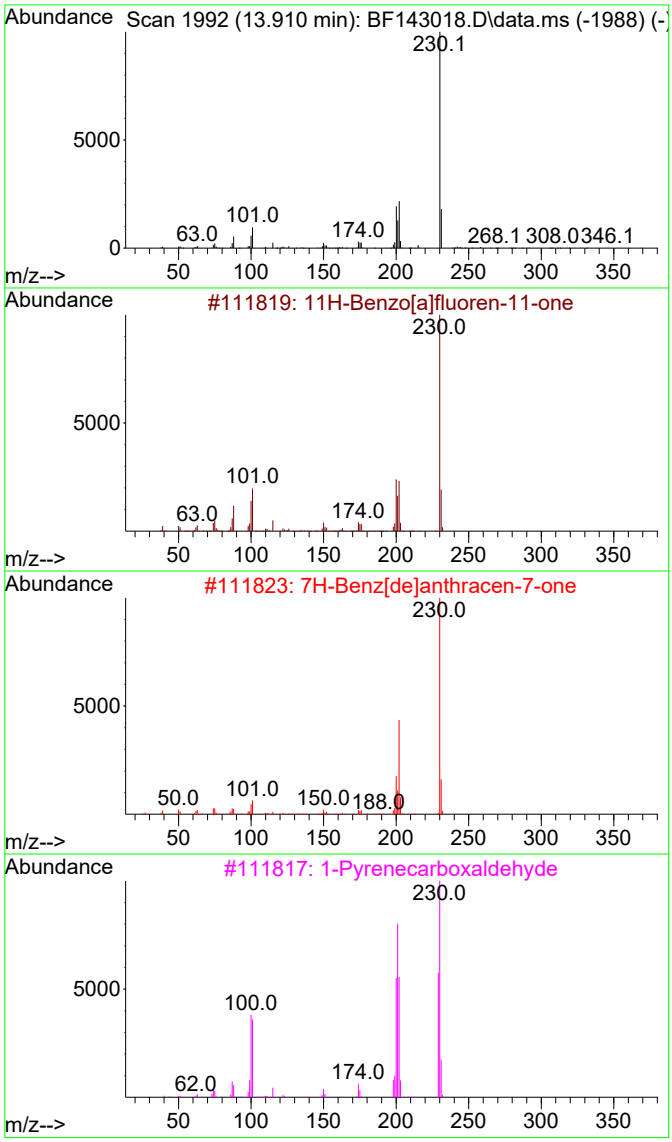
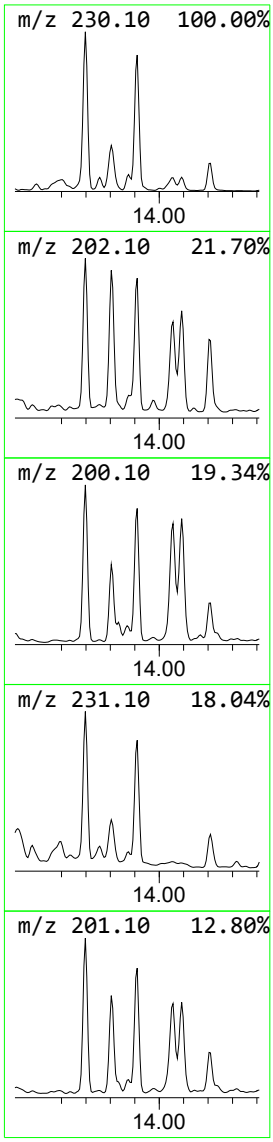
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	3.28 ng	447079	Chrysene-d12	14.068

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	o-Terphenyl	230	C18H14	000084-15-1	58





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Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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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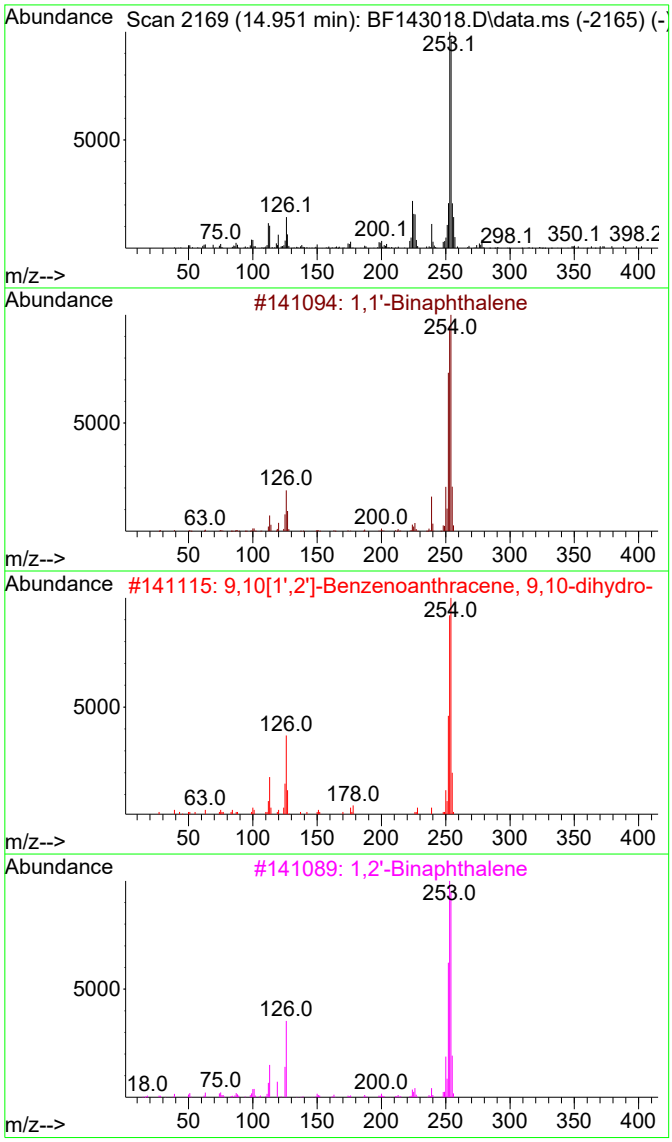
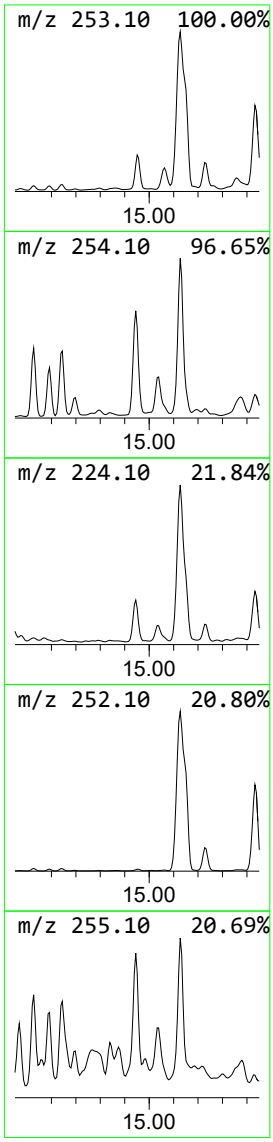
Peak Number 18 1,1'-Binaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	15.15 ng	173576	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene	254	C20H14	000604-53-5	78
2	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	76
3	1,2'-Binaphthalene	254	C20H14	004325-74-0	68
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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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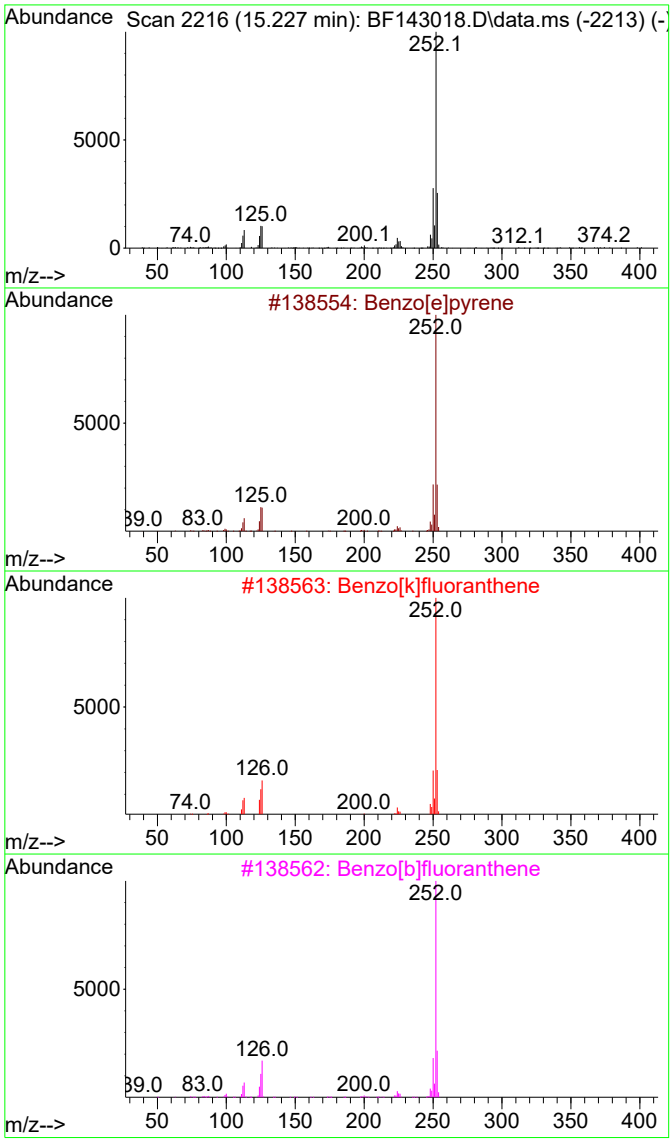
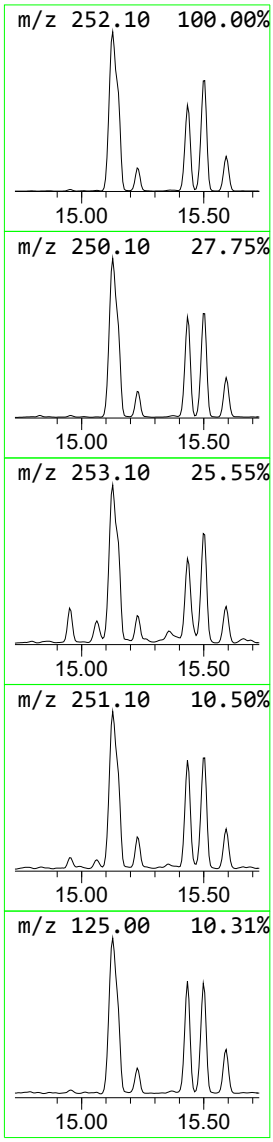
Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	15.73 ng	180201	Perylene-d12	15.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143018.D
Acq On : 07 Jul 2025 19:51
Operator : RC/JU
Sample : Q2484-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-58

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
2-Pentanone, 4-...	5.087	5.4	ng	71551	1	6.875	264465	20.0
Naphthalene, 1,...	9.498	5.9	ng	124867	3	9.916	425950	20.0
Naphthalene, 2,...	9.575	6.9	ng	147235	3	9.916	425950	20.0
Naphthalene, 2,...	9.598	2.8	ng	58892	3	9.916	425950	20.0
Naphthalene, 1,...	9.692	3.8	ng	80176	3	9.916	425950	20.0
Naphthalene, 2,...	10.233	3.1	ng	67083	3	9.916	425950	20.0
Naphthalene, 1,...	10.339	5.7	ng	120918	3	9.916	425950	20.0
Benzophenone	10.627	15.7	ng	333844	3	9.916	425950	20.0
Phenanthrene, 2...	11.939	2.5	ng	571214	4	11.410	4547780	20.0
4H-Cyclopenta[d...	12.027	4.2	ng	963047	4	11.410	4547780	20.0
Pyrene, 1-methyl-	13.074	3.8	ng	518280	5	14.068	2724970	20.0
11H-Benzo[b]flu...	13.180	3.9	ng	525170	5	14.068	2724970	20.0
Pyrene, 4-methyl-	13.286	3.0	ng	405440	5	14.068	2724970	20.0
11H-Benzo[a]flu...	13.698	3.3	ng	452360	5	14.068	2724970	20.0
Benzo[b]naphtho...	13.804	3.9	ng	528470	5	14.068	2724970	20.0
Cyclopenta[cd]p...	13.863	3.3	ng	454397	5	14.068	2724970	20.0
7H-Benz[de]anth...	13.910	3.3	ng	447079	5	14.068	2724970	20.0
1,1'-Binaphthalene	14.951	15.2	ng	173576	6	15.562	229188	20.0
Benzo[e]pyrene	15.227	15.7	ng	180201	6	15.562	229188	20.0