LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132484.D
Acq On : 20 Feb 2023 18:01
Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132484.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.672	139	142	147	rBV	17627	32673	1.22%	0.080%
2	4.172	223	227	234	rVB	27543	34004	1.27%	0.083%
3	5.254	406	411	422	rVB	1083844	1170224	43.71%	2.857%
4	5.649	473	478	481	rBV	2614546	2503927	93.53%	6.112%
5	6.643	643	647	650	rBV	2925613	2467174	92.16%	6.022%
6	6.666	650	651	657	rVB	50589	41823	1.56%	0.102%
7	7.025	708	712	716	rBV	1755723	1363179	50.92%	3.328%
8	7.584	803	807	810	rBV	1877981	1580049	59.02%	3.857%
9	8.313	927	931	933	rBV	1991217	1644933	61.44%	4.015%
10	8.331	933	934	937	rVB	78306	46421	1.73%	0.113%
11	8.890	1026	1029	1033	rVB	43896	34567	1.29%	0.084%
12	9.025	1049	1052	1055	rBV2	52957	43143	1.61%	0.105%
13	9.125	1065	1069	1072	rBV	56429	44703	1.67%	0.109%
14	9.319	1100	1102	1105	rVB	52859	36205	1.35%	0.088%
15	9.384	1110	1113	1117	rVB	3161944	2677185	100.00%	6.535%
16	9.454	1122	1125	1129	rBV	110838	96151	3.59%	0.235%
17	9.648	1155	1158	1162	rBV3	28993	40537	1.51%	0.099%
18	9.731	1167	1172	1174	rVV	64742	73709	2.75%	0.180%
19	9.778	1178	1180	1187	rVB3	77884	86849	3.24%	0.212%
20	9.842	1187	1191	1193	rBV2	36275	41540	1.55%	0.101%
21	9.931	1203	1206	1210	rBV2	103984	100897	3.77%	0.246%
22	9.984	1212	1215	1219	rVB	82248	71049	2.65%	0.173%
23	10.072	1227	1230	1234	rBV	1734718	1552713	58.00%	3.790%
24	10.107	1234	1236	1239	rVB	207423	151331	5.65%	0.369%
25	10.231	1252	1257	1261	rBV4	28625	45865	1.71%	0.112%
26	10.278	1261	1265	1268	rVB2	90688	93075	3.48%	0.227%
27	10.313	1268	1271	1275	rBV2	49553	44968	1.68%	0.110%
28	10.389	1280	1284	1286	rBV	43253	45860	1.71%	0.112%
29	10.484	1295	1300	1304	rVB2	75376	101441	3.79%	0.248%
30	10.625	1320	1324	1329	rVB	172742	161463	6.03%	0.394%
31	10.713	1337	1339	1341	rVB	53414	39802	1.49%	0.097%
32	10.784	1348	1351	1355	rVB	134408	126720	4.73%	0.309%
33	10.866	1361	1365	1369	rBV	1560434	1316944	49.19%	3.215%
34	10.978	1379	1384	1392	rVB6	84246	170633	6.37%	0.417%
35	11.172	1411	1417	1420	rBV3	64505	105086	3.93%	0.257%
36	11.201	1420	1422	1425	rVV2	50740	51162	1.91%	0.125%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

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-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.254	1429	1431	1434	rVB	40385	37998	1.42%	0.093%
38	11.301	1434	1439	1441	rBV3	45713	72157	2.70%	0.176%
39	11.325	1441	1443	1447	rVV2	56927	57818	2.16%	0.141%
40	11.372	1448	1451	1454	rVV	92547	79730	2.98%	0.195%
41	11.413	1455	1458	1462	rVV3	95941	108184	4.04%	0.264%
42	11.466	1465	1467	1471	rVB	111767	85372	3.19%	0.208%
43	11.572	1481	1485	1487	rBV	1673445	1458789	54.49%	3.561%
44	11.595	1487	1489	1493	rVV	1784489	1365596	51.01%	3.333%
45	11.648	1493	1498	1500	rVV	385378	364880	13.63%	0.891%
46	11.678	1500	1503	1509	rVB2	61377	89807	3.35%	0.219%
47	11.801	1520	1524	1528	rBV	165143	167396	6.25%	0.409%
48	11.842	1529	1531	1533	rVV2	65170	48245	1.80%	0.118%
49	11.866	1533	1535	1537	rVB	49754	35396	1.32%	0.086%
50	11.901	1538	1541	1545	rVB	81985	81789	3.06%	0.200%
51	11.983	1553	1555	1559	rBV	26948	32257	1.20%	0.079%
52	12.078	1567	1571	1573	rBV2	425123	433657	16.20%	1.059%
53	12.101	1573	1575	1579	rVB	388941	339829	12.69%	0.830%
54	12.148	1580	1583	1586	rVB	147205	122204	4.56%	0.298%
55	12.189	1586	1590	1592	rBV2	440145	507507	18.96%	1.239%
56	12.207	1592	1593	1597	rVB	217992	162147	6.06%	0.396%
57	12.254	1598	1601	1603	rBV	79914	68005	2.54%	0.166%
58	12.278	1603	1605	1607	rBV2	36001	30608	1.14%	0.075%
59	12.336	1612	1615	1617	rVV4	44982	45304	1.69%	0.111%
60	12.372	1617	1621	1623	rVV	181987	185433	6.93%	0.453%
61	12.395	1623	1625	1630	rVB2	167683	148662	5.55%	0.363%
62	12.472	1636	1638	1641	rVB2	54246	42093	1.57%	0.103%
63	12.519	1641	1646	1649	rBV2	105681	142655	5.33%	0.348%
64	12.548	1649	1651	1654	rBV	65942	59350	2.22%	0.145%
65	12.572	1654	1655	1658	rVB	64358	47994	1.79%	0.117%
66	12.625	1661	1664	1668	rBV	244397	309774	11.57%	0.756%
67	12.713	1676	1679	1684	rBV3	169520	211339	7.89%	0.516%
68	12.795	1689	1693	1696	rBV	2315311	2049475	76.55%	5.003%
69	12.830	1697	1699	1701	rVV	53905	37665	1.41%	0.092%
70	12.854	1701	1703	1707	rBV3	67564	70266	2.62%	0.172%
71	12.948	1716	1719	1726	rVB5	116254	186552	6.97%	0.455%
72	13.025	1726	1732	1737	rBV	2019921	2366700	88.40%	5.777%
73	13.072	1737	1740	1744	rVB2	148922	164033	6.13%	0.400%
74	13.160	1749	1755	1758	rVV	2411122	2197009	82.06%	5.363%
75	13.183	1758	1759	1763	rVB	147543	85519	3.19%	0.209%
76	13.242	1765	1769	1773	rBV3	176276	292976	10.94%	0.715%

LSC Area Percent Report

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Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.330	1781	1784	1785	rBV3	110322	122809	4.59%	0.300%
78	13.354	1785	1788	1790	rVB	332488	313698	11.72%	0.766%
79	13.419	1796	1799	1802	rBV2	224757	166904	6.23%	0.407%
80	13.460	1802	1806	1808	rBV3	240549	259982	9.71%	0.635%
81	13.554	1819	1822	1824	rBV	174932	142602	5.33%	0.348%
82	13.583	1824	1827	1829	rBV	173782	152093	5.68%	0.371%
83	13.866	1872	1875	1879	rVB	173450	189644	7.08%	0.463%
84	14.007	1897	1899	1901	rVB	158632	110686	4.13%	0.270%
85	14.030	1901	1903	1904	rBV	116538	97706	3.65%	0.239%
86	14.072	1908	1910	1918	rVB	242598	292297	10.92%	0.714%
87	14.189	1928	1930	1932	rBV2	130696	131138	4.90%	0.320%
88	14.230	1932	1937	1939	rVV2	1416338	1978629	73.91%	4.830%
89	14.254	1939	1941	1947	rVB	845892	843395	31.50%	2.059%
90	14.319	1949	1952	1954	rBV	390705	358670	13.40%	0.876%
91	14.854	2040	2043	2047	rVB	551247	540245	20.18%	1.319%
92	15.324	2120	2123	2127	rBV	524690	827256	30.90%	2.019%
93	15.660	2177	2180	2186	rVB	352330	458719	17.13%	1.120%
94	15.730	2188	2192	2197	rVB	495809	648726	24.23%	1.584%
95	15.801	2200	2204	2207	rBV	540668	700915	26.18%	1.711%

Sum of corrected areas: 40966289

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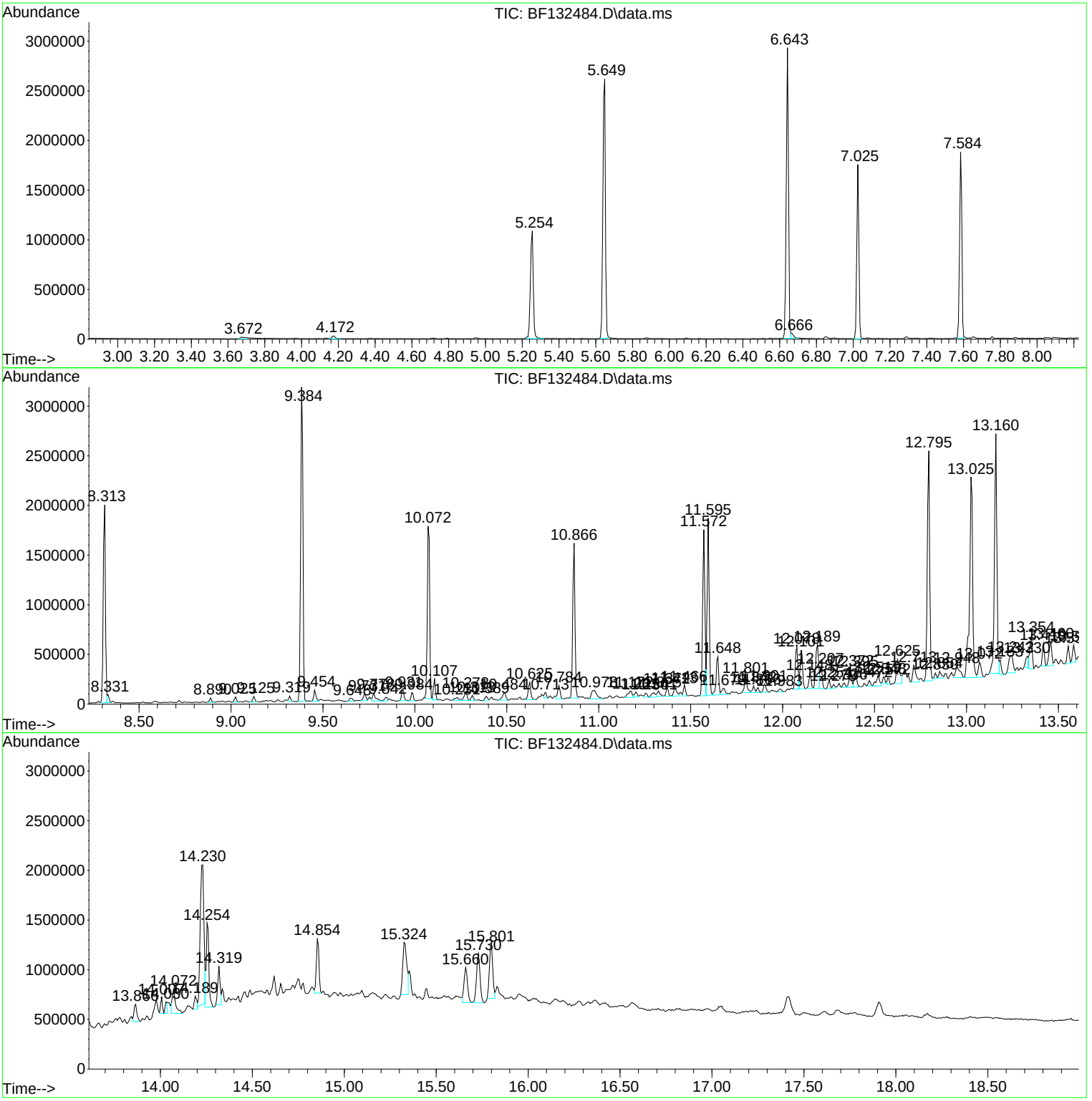
Data File : BF132484.D
Acq On : 20 Feb 2023 18:01
Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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\BF022023\
Data File : BF132484.D
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Operator : CG\JU
Sample : 01552-01 2X
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Instrument :
BNA_F
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SB-05-4.0-6.0

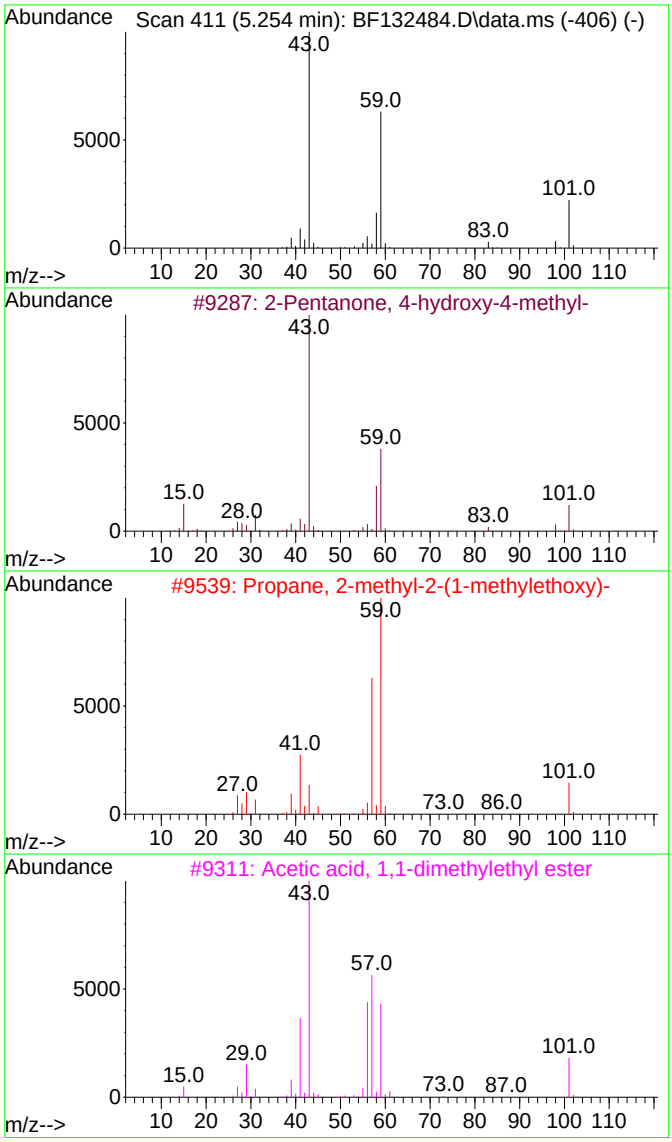
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

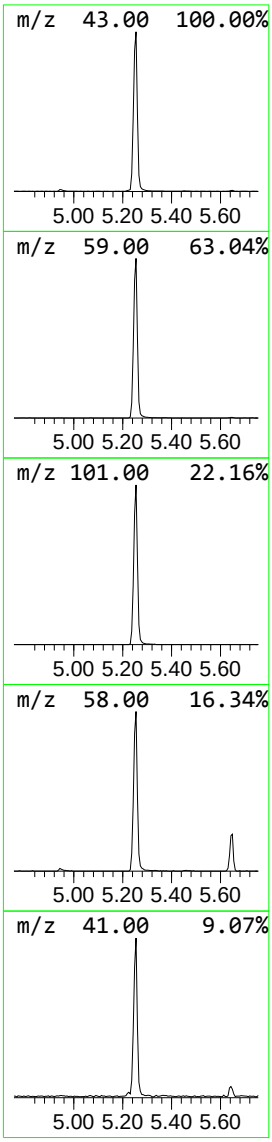
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.254	17.17 ng	1170220	1,4-Dichlorobenzene-d4	7.025

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132484.D
Acq On : 20 Feb 2023 18:01
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Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

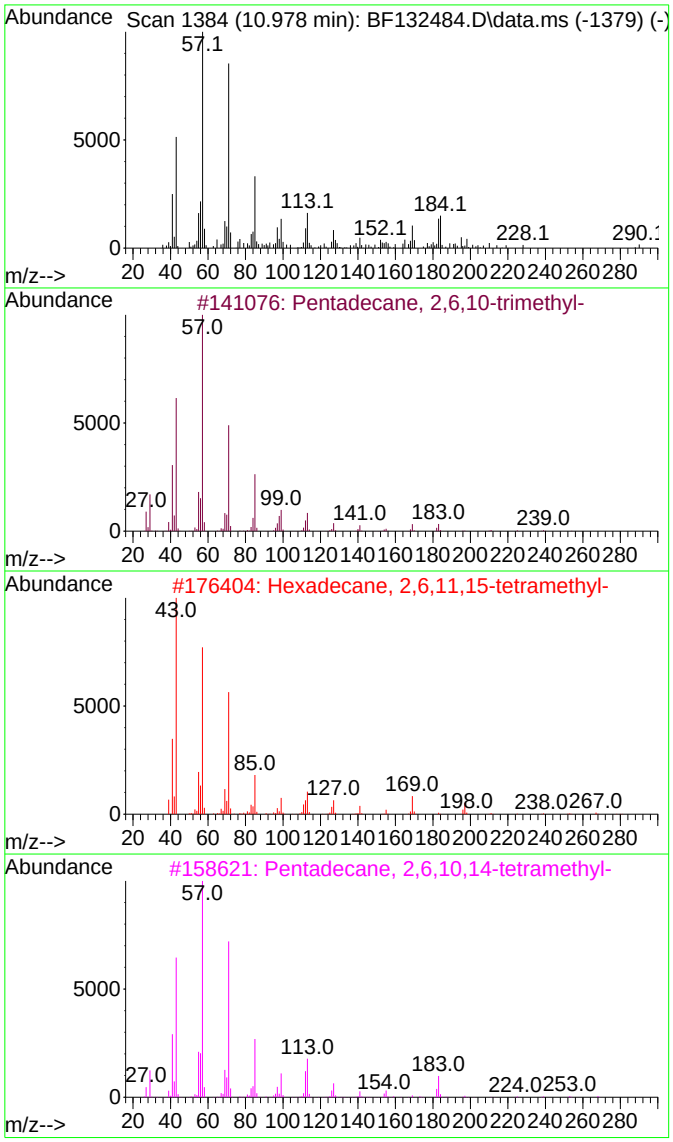
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

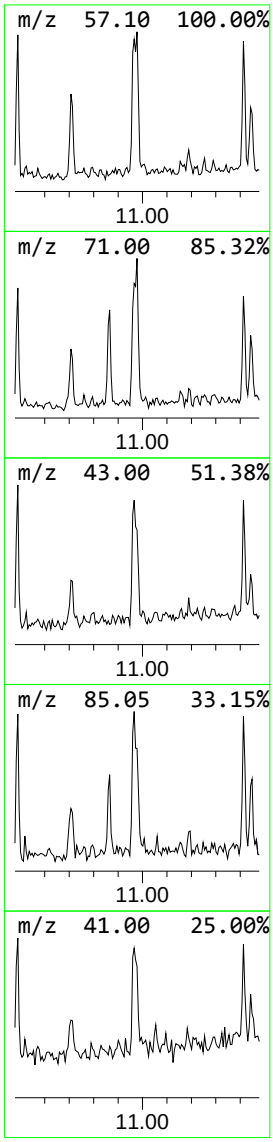
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentadecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.978	2.34 ng	170633	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
4	Decane, 2-methyl-	156	C11H24	006975-98-0	62
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	58





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BNA_F
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SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

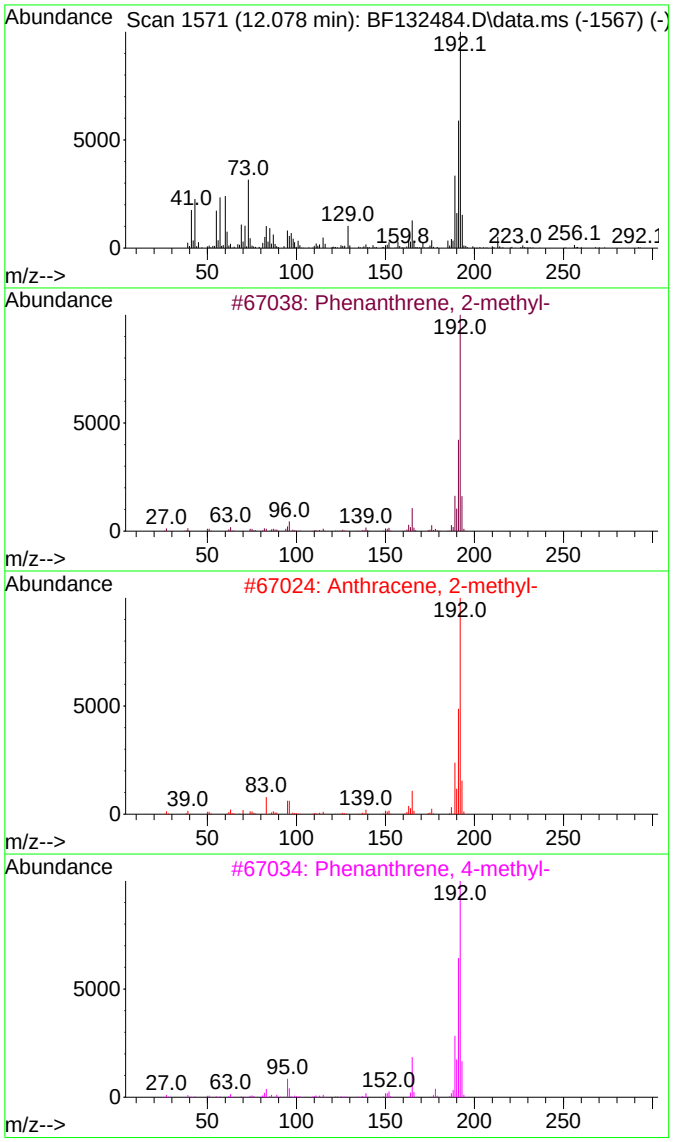
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

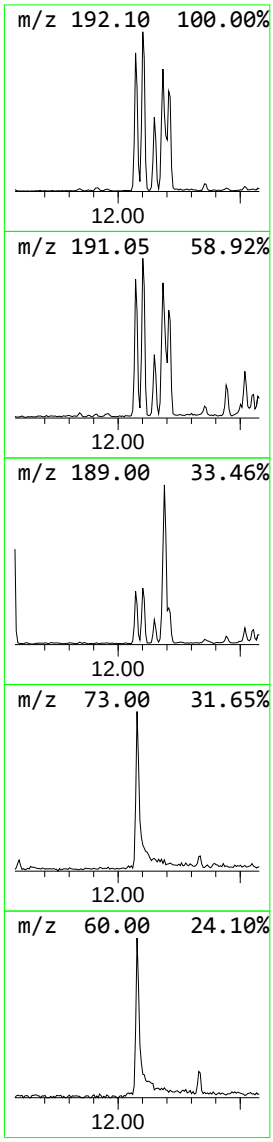
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.078	5.95 ng	433657	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	92





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ALS Vial : 15 Sample Multiplier: 1

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BNA_F
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SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

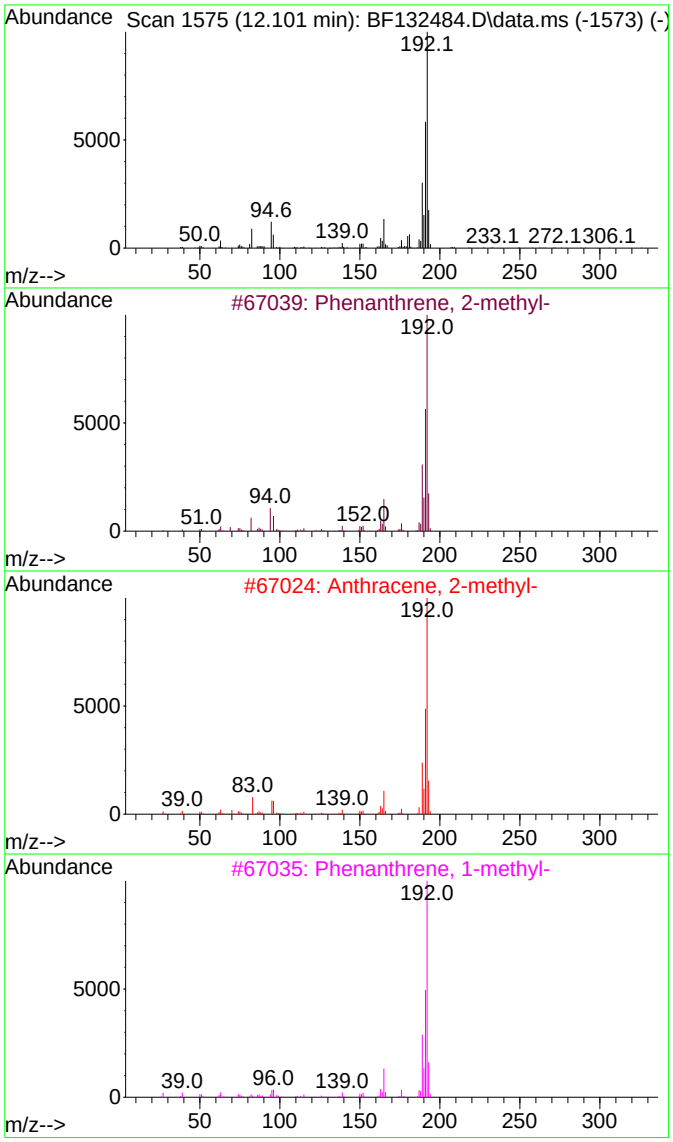
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

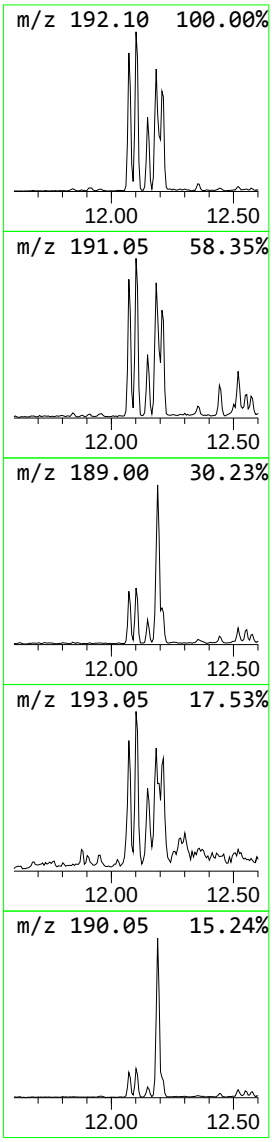
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.101	4.66 ng	339829	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Data File : BF132484.D
Acq On : 20 Feb 2023 18:01
Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

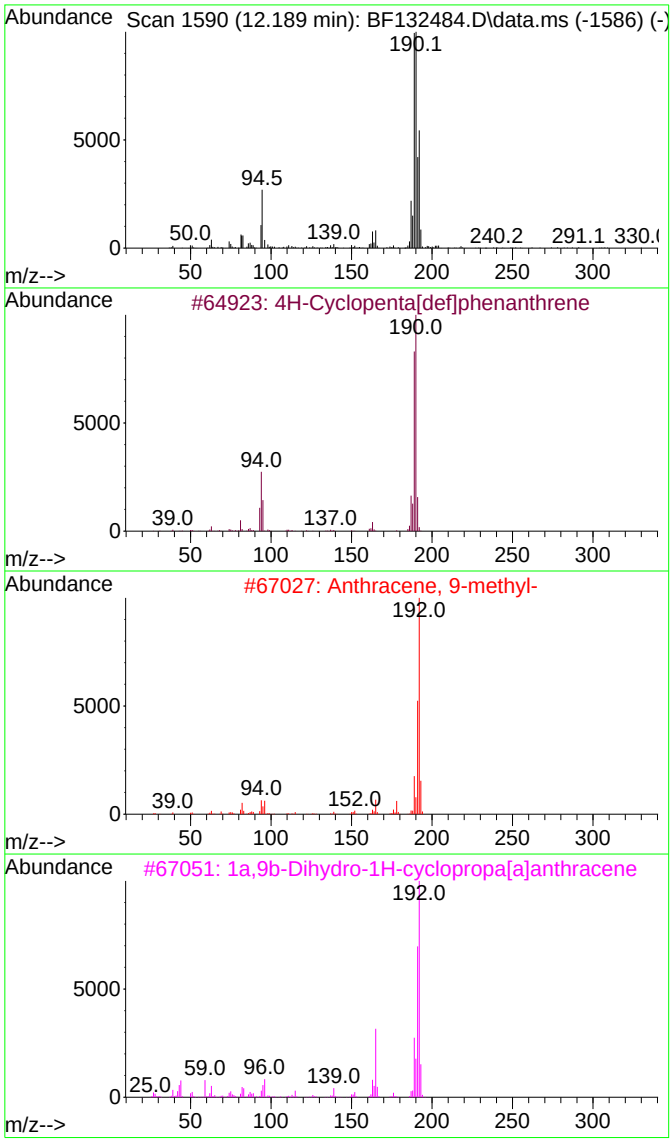
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

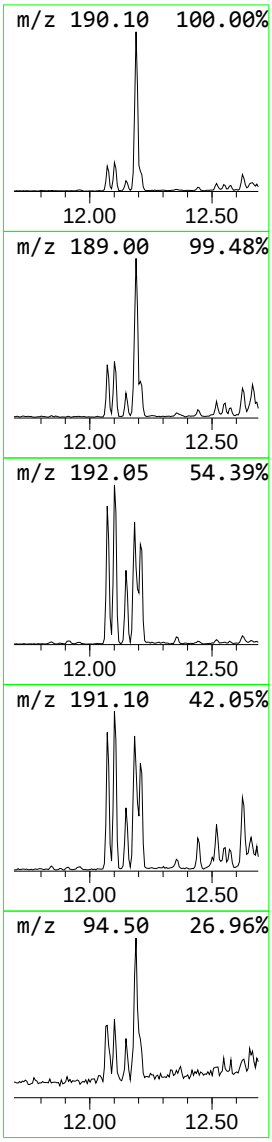
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.189	6.96 ng	507507	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	18
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	18
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	14
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	14





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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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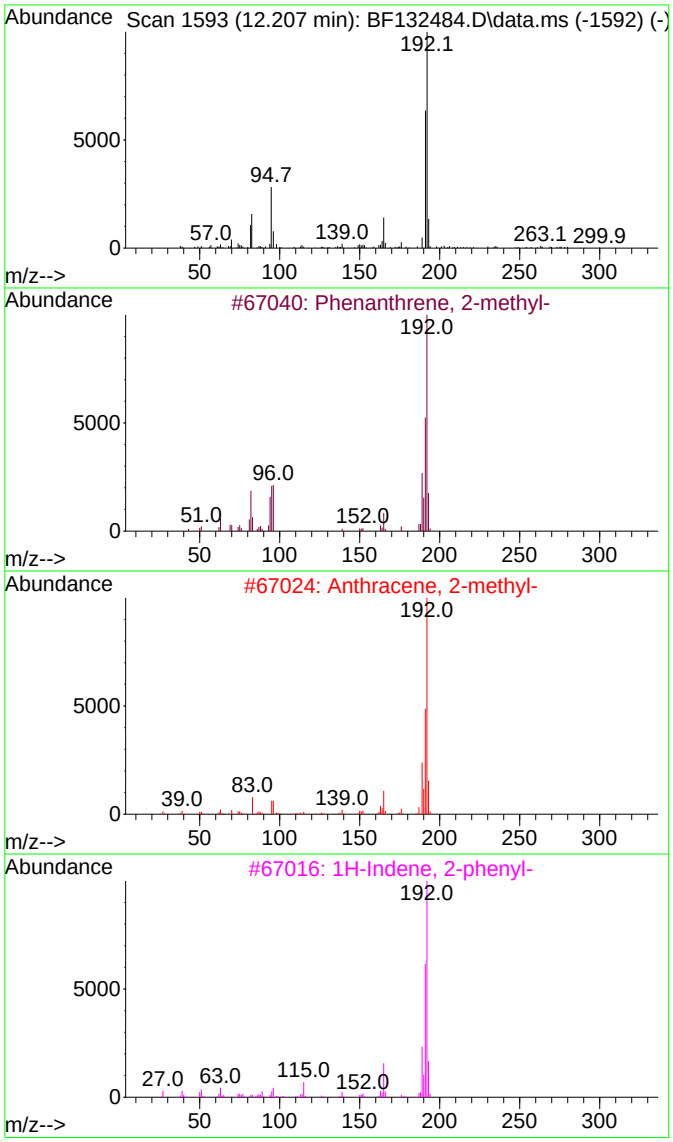
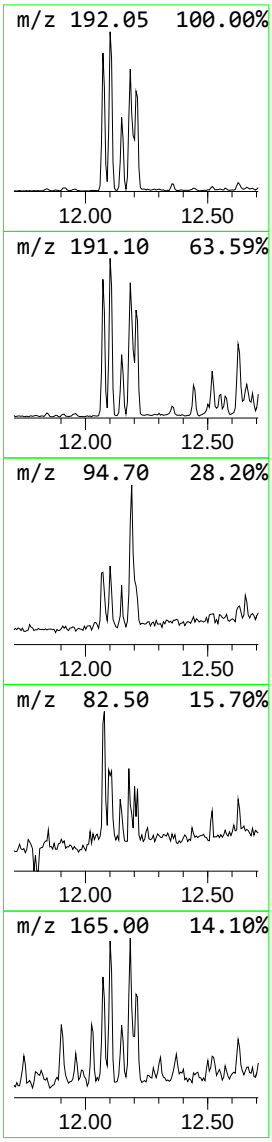
Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.207	2.22 ng	162147	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	76
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	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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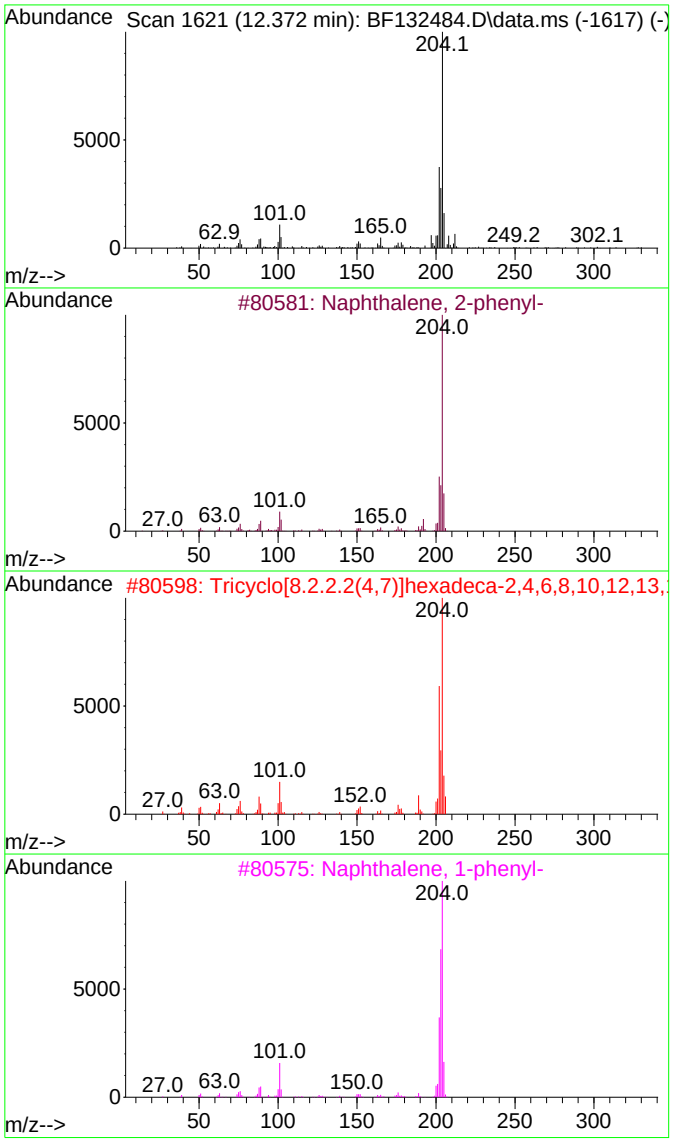
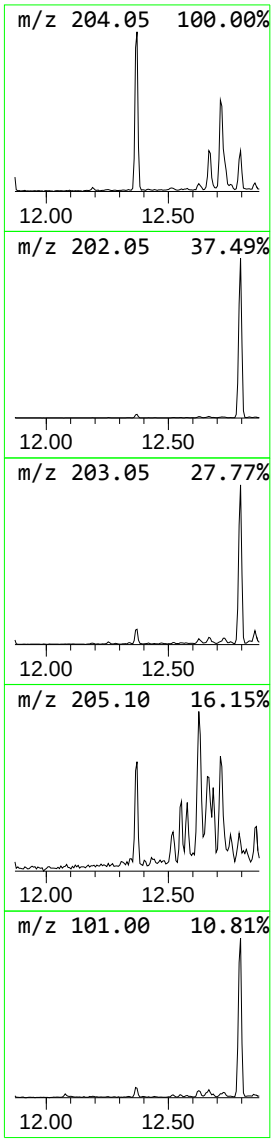
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.372	2.54 ng	185433	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	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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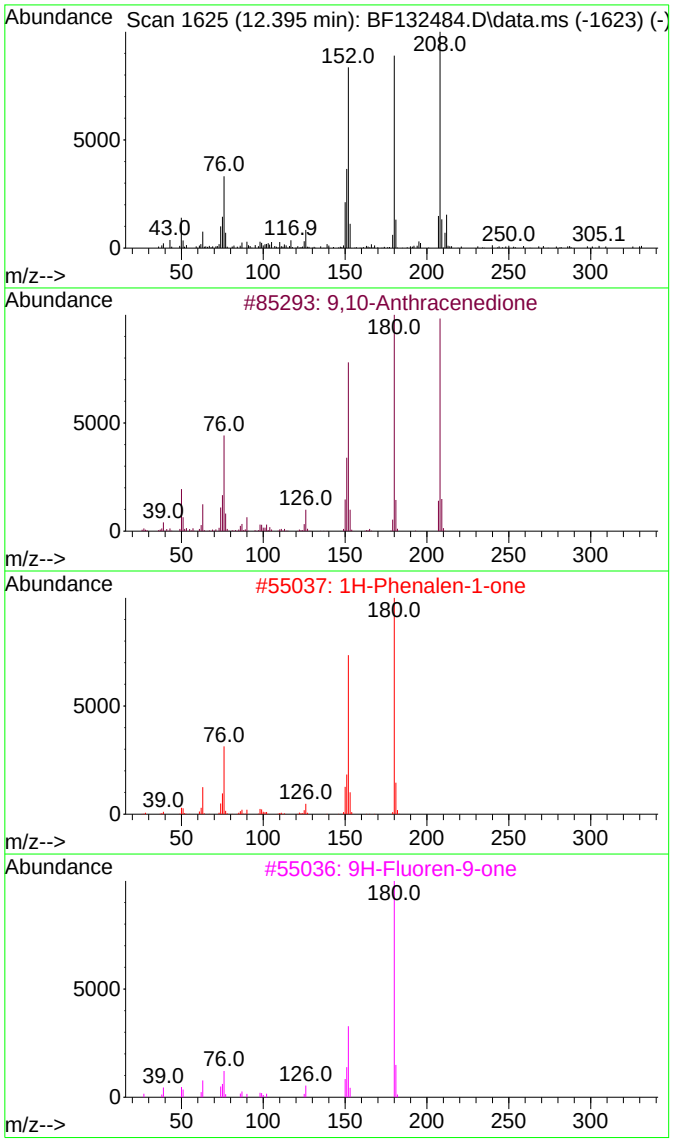
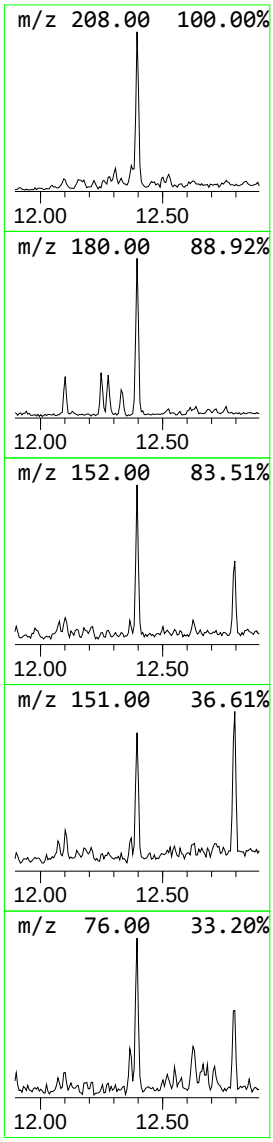
Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.395	2.04 ng	148662	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	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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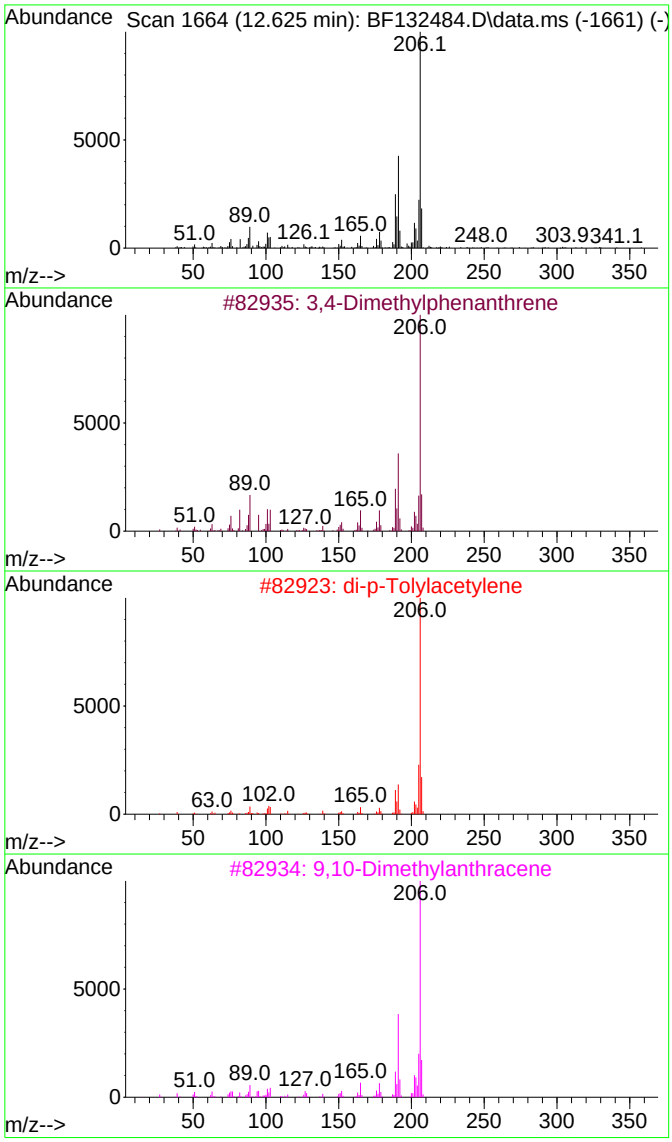
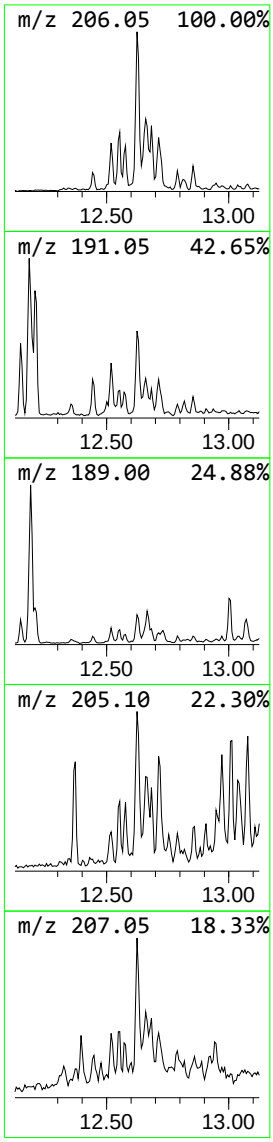
Peak Number 10 3,4-Dimethylphenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.625	4.25 ng	309774	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91





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

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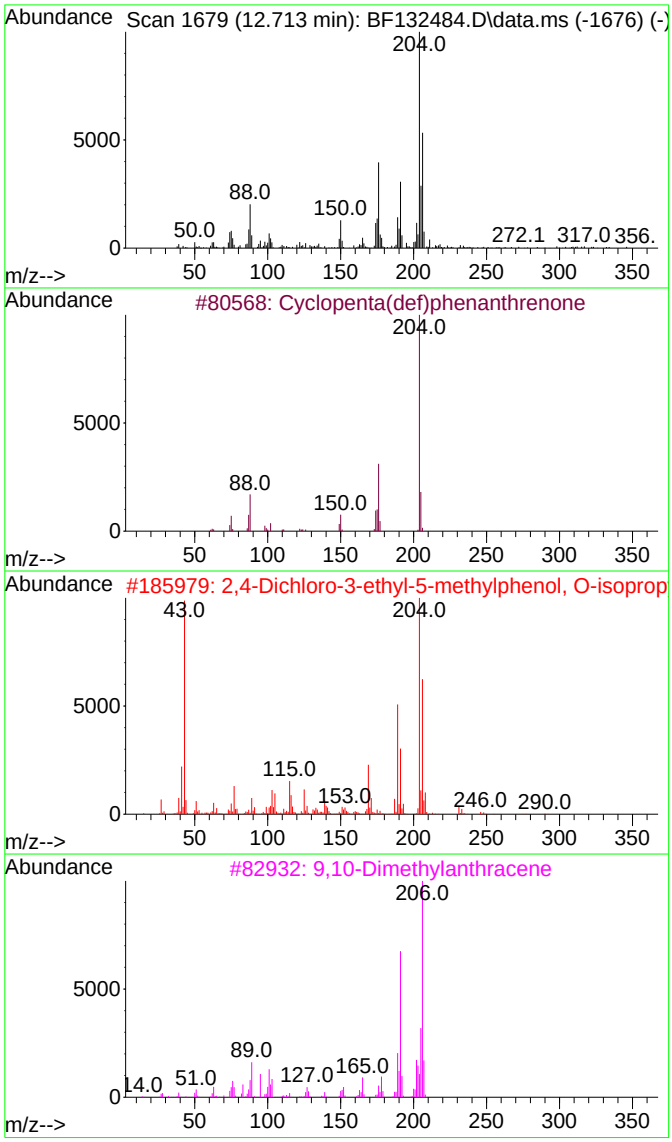
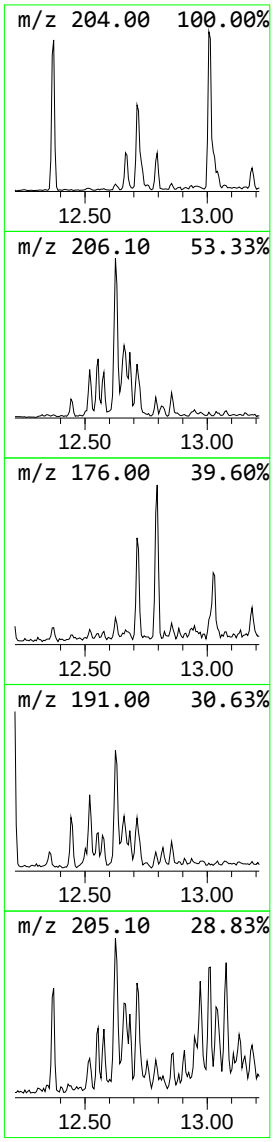
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.713	2.90 ng	211339	Phenanthrene-d10	11.572

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	92
2	2,4-Dichloro-3-ethyl-5-methylphe...	290	C13H16Cl2O3	1000487-42-9	49
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	42
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	38
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	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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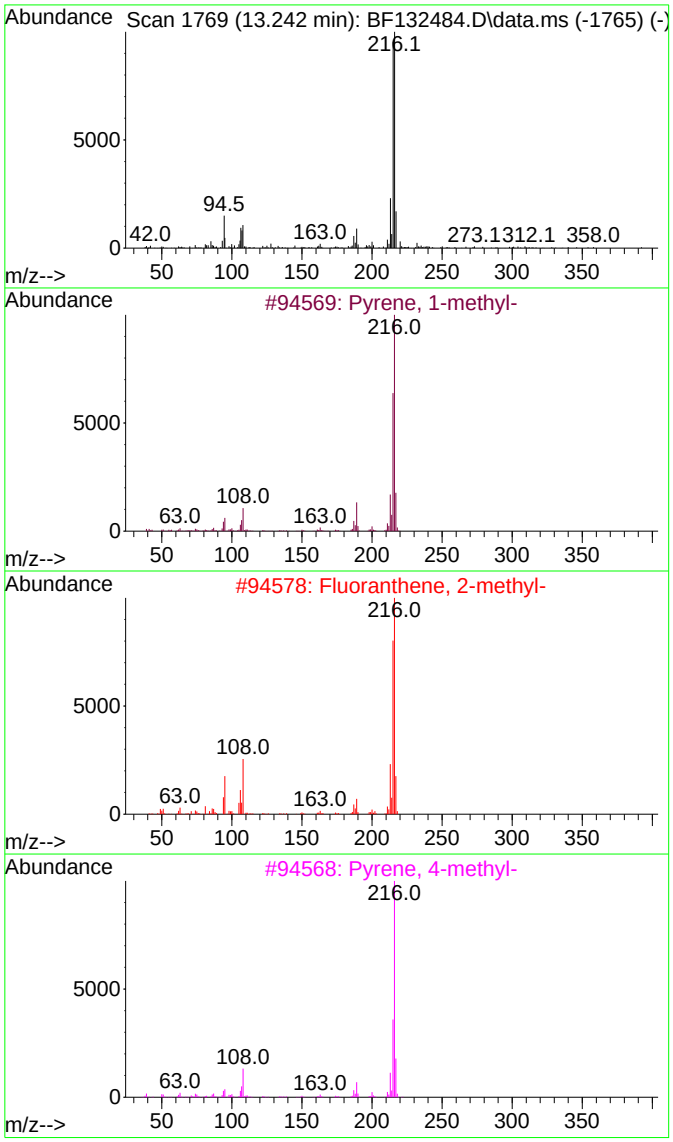
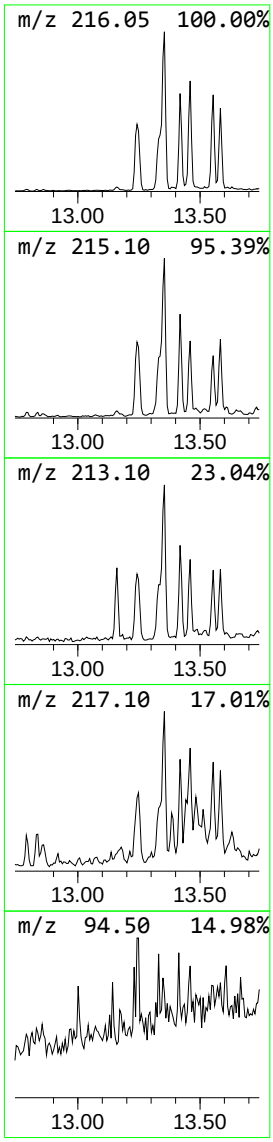
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.242	2.96 ng	292976	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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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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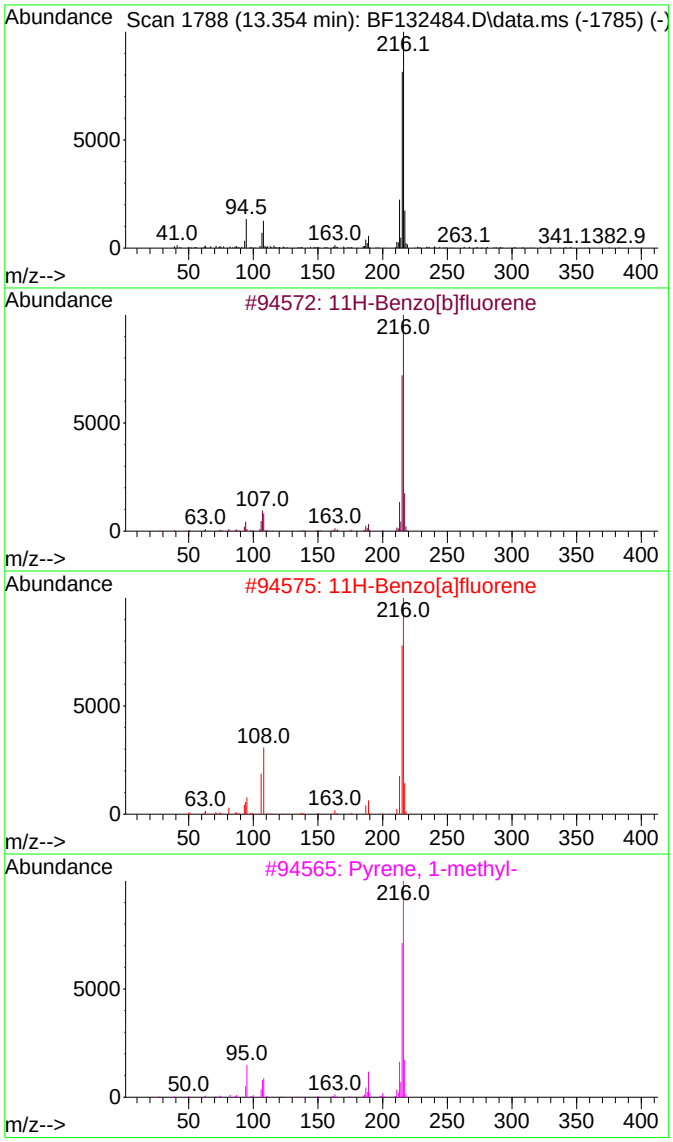
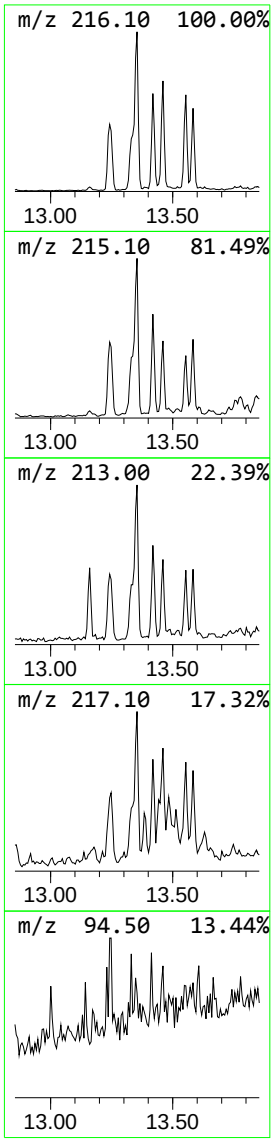
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.354	3.17 ng	313698	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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

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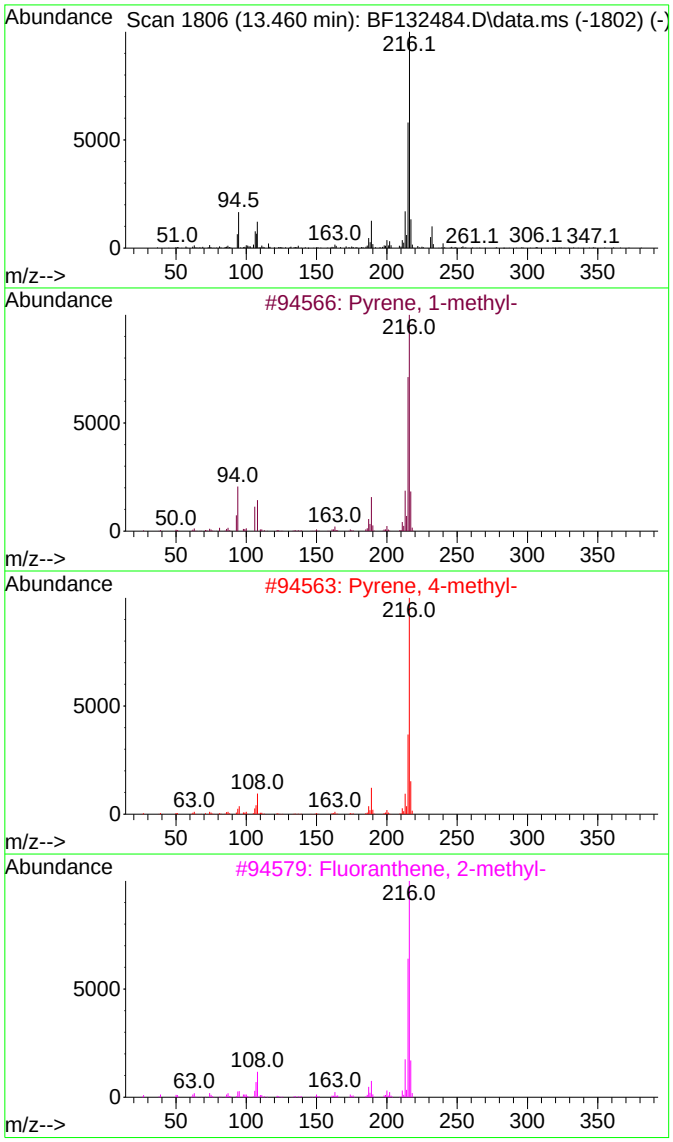
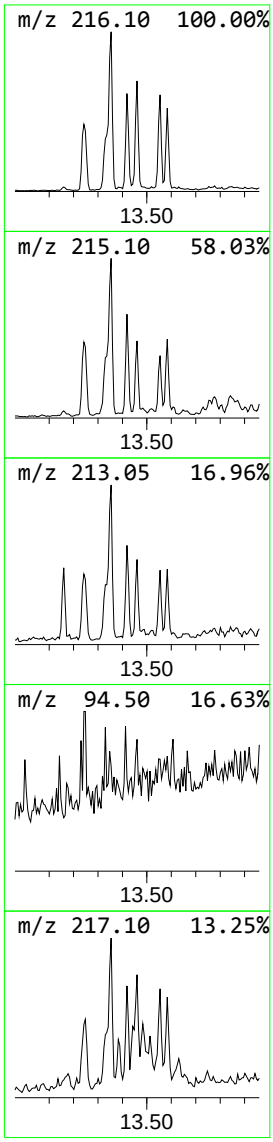
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.460	2.63 ng	259982	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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

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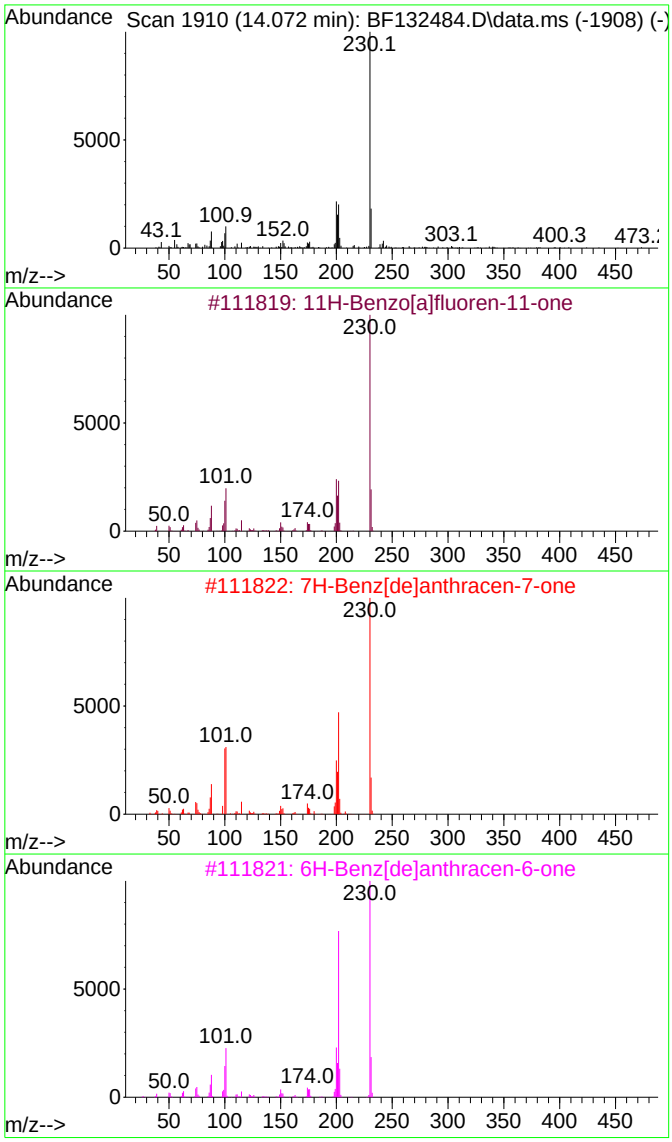
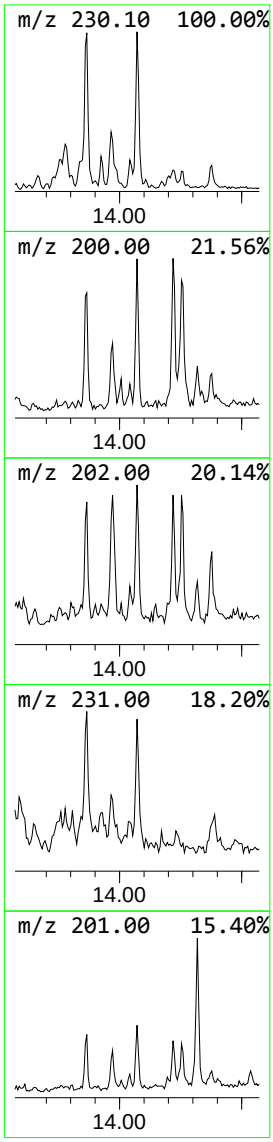
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.072	2.95 ng	292297	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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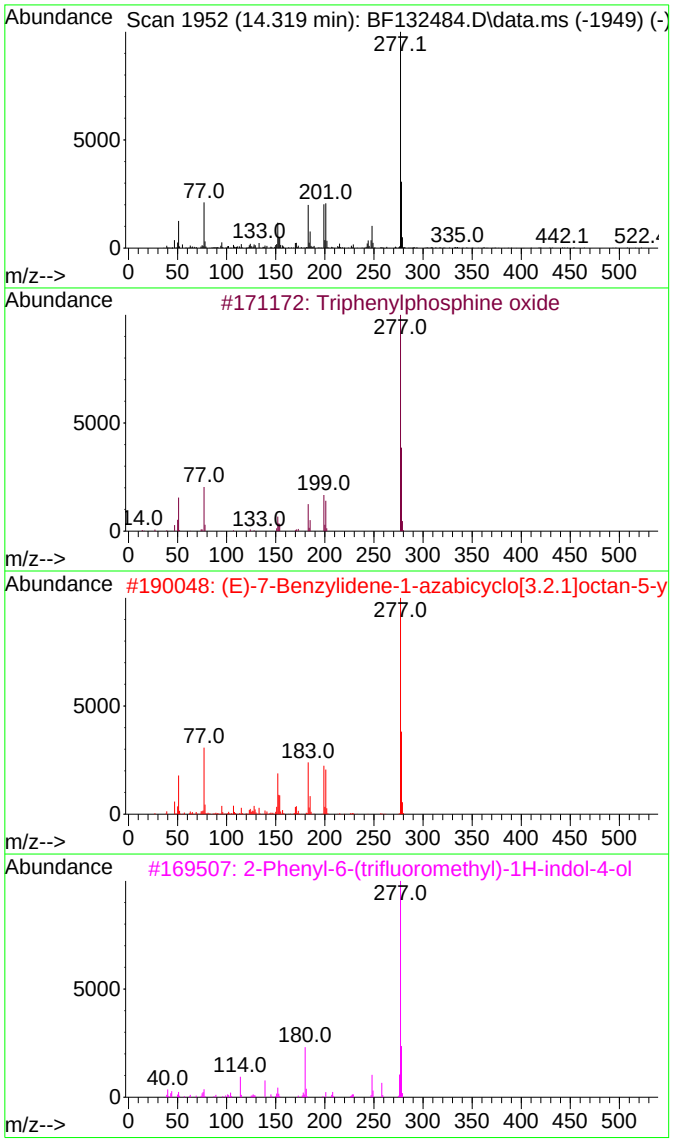
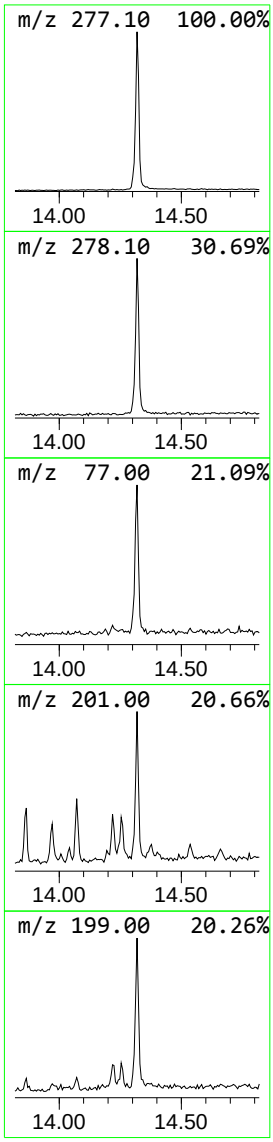
Peak Number 16 Triphenylphosphine oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.319	3.63 ng	358670	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	95
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	43
3	2-Phenyl-6-(trifluoromethyl)-1H-...	277	C15H10F3NO	1000387-59-3	43
4	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	42
5	Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	40





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

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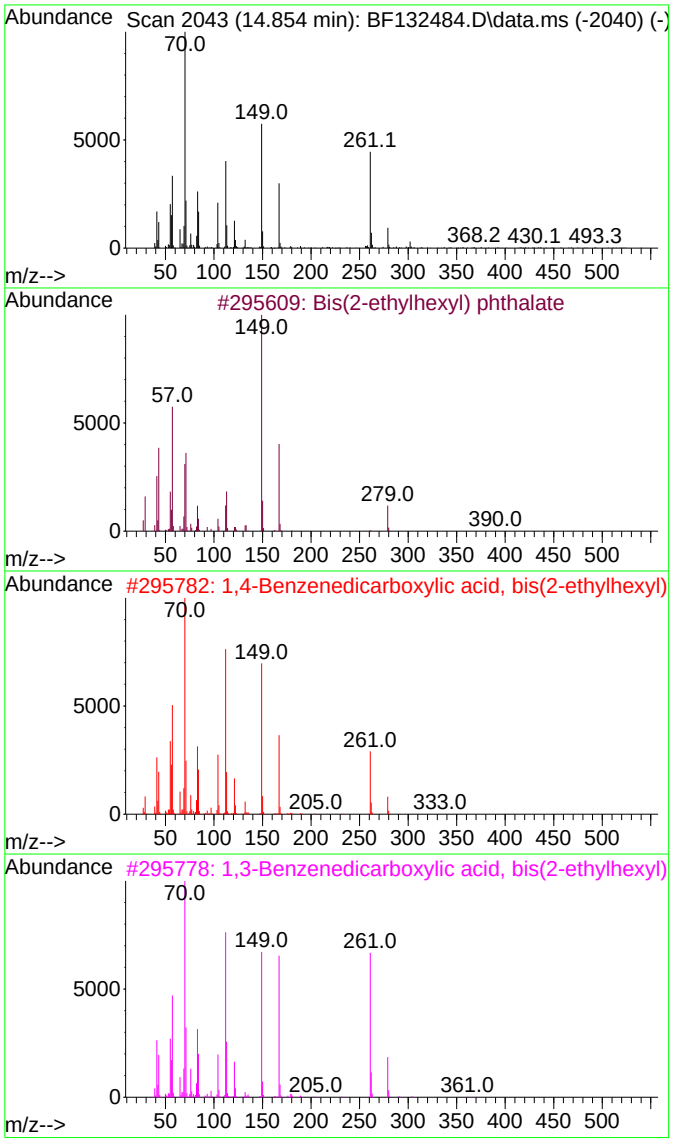
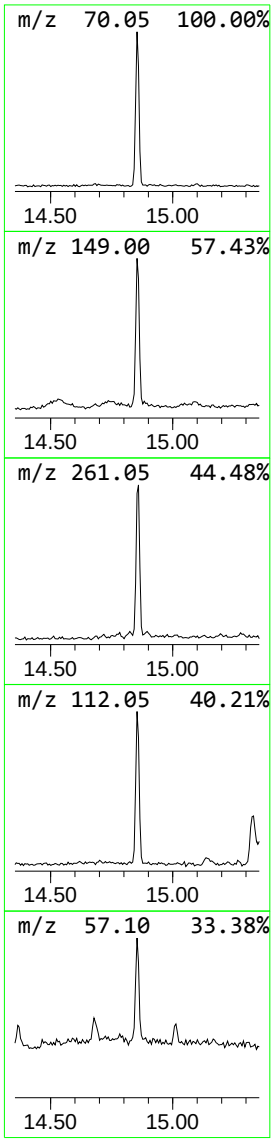
Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.854	5.46 ng	540245	Chrysene-d12	14.230

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	70
2	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	58
3	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	52
4	2-Propenoic acid, 2-methyl-, oct...	198	C12H22O2	002157-01-9	25
5	9-(2',2'-Dimethylpropanoilhydraz...	576	C30H42Cl2N4O3	1000111-04-6	22





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Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

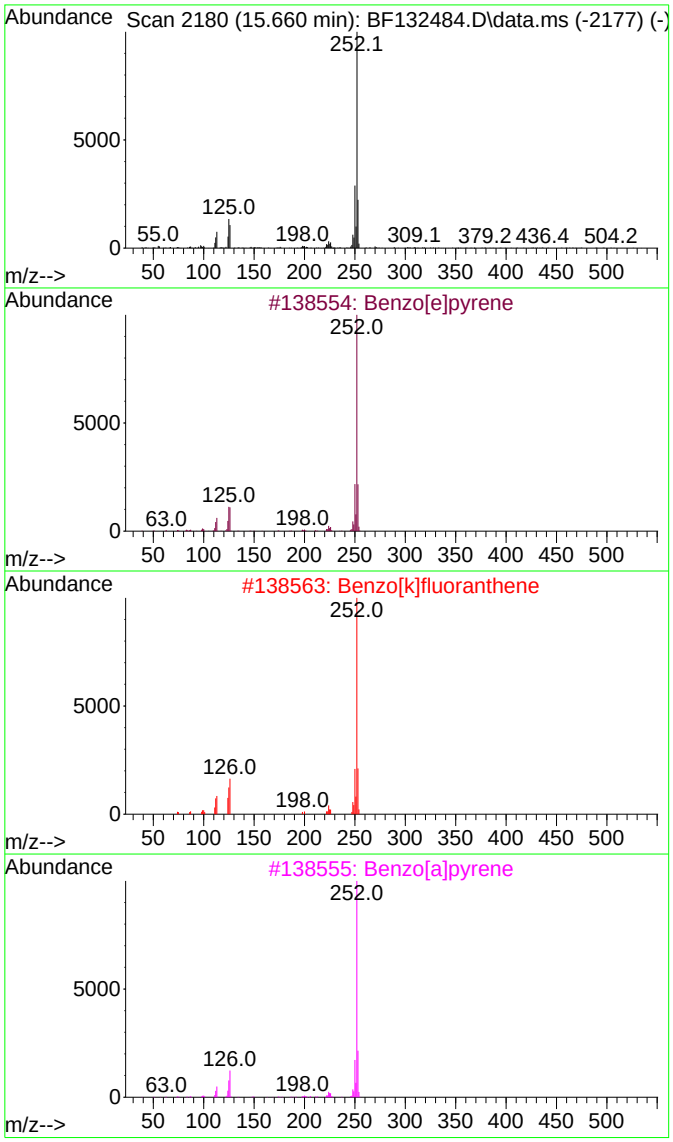
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

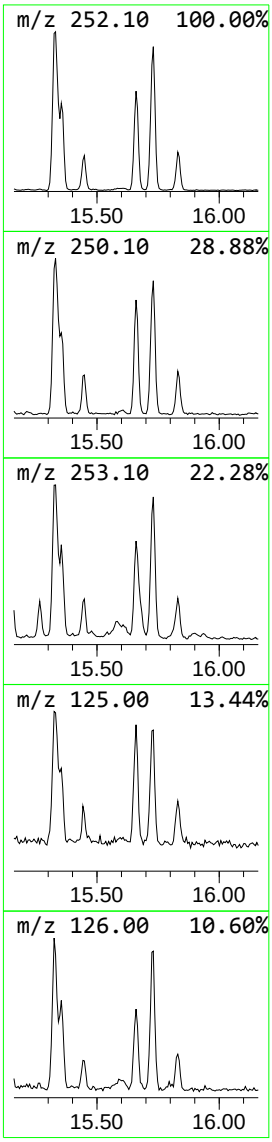
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.660	13.09 ng	458719	Perylene-d12	15.801

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022023\
Data File : BF132484.D
Acq On : 20 Feb 2023 18:01
Operator : CG\JU
Sample : 01552-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021623.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-...	5.254	17.2	ng	1170220	1	7.025	1363180	20.0
Pentadecane, 2,...	10.978	2.3	ng	170633	4	11.572	1458790	20.0
Phenanthrene, 2...	12.078	6.0	ng	433657	4	11.572	1458790	20.0
Anthracene, 2-m...	12.101	4.7	ng	339829	4	11.572	1458790	20.0
4H-Cyclopenta[d...	12.189	7.0	ng	507507	4	11.572	1458790	20.0
1H-Indene, 2-ph...	12.207	2.2	ng	162147	4	11.572	1458790	20.0
Naphthalene, 2-...	12.372	2.5	ng	185433	4	11.572	1458790	20.0
9,10-Anthracene...	12.395	2.0	ng	148662	4	11.572	1458790	20.0
3,4-Dimethylphe...	12.625	4.3	ng	309774	4	11.572	1458790	20.0
Cyclopenta(def)...	12.713	2.9	ng	211339	4	11.572	1458790	20.0
Pyrene, 1-methyl-	13.242	3.0	ng	292976	5	14.230	1978630	20.0
11H-Benzo[b]flu...	13.354	3.2	ng	313698	5	14.230	1978630	20.0
Pyrene, 4-methyl-	13.460	2.6	ng	259982	5	14.230	1978630	20.0
11H-Benzo[a]flu...	14.072	3.0	ng	292297	5	14.230	1978630	20.0
Triphenylphosph...	14.319	3.6	ng	358670	5	14.230	1978630	20.0
1,4-Benzenedica...	14.854	5.5	ng	540245	5	14.230	1978630	20.0
Benzo[e]pyrene	15.660	13.1	ng	458719	6	15.801	700915	20.0