LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140303.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.152	3	10	19	rVB	1602467	2533229	76.97%	5.074%
2	2.263	24	29	47	rVB3	25627	57843	1.76%	0.116%
3	5.098	501	511	518	rVB	65278	103299	3.14%	0.207%
4	5.493	569	578	584	rBV	1837273	2512833	76.35%	5.034%
5	6.498	743	749	768	rVB	1888245	2593049	78.79%	5.194%
6	6.875	808	813	818	rBV	574931	702778	21.35%	1.408%
7	7.434	899	908	913	rBV	1269905	1669105	50.72%	3.343%
8	7.687	946	951	957	rVB	61571	76727	2.33%	0.154%
9	8.157	1024	1031	1039	rBV2	719228	1082884	32.90%	2.169%
10	8.369	1063	1067	1071	rBV	28806	41119	1.25%	0.082%
11	8.869	1147	1152	1157	rBB	81298	98661	3.00%	0.198%
12	8.969	1165	1169	1177	rVB	72912	93910	2.85%	0.188%
13	9.234	1208	1214	1219	rBV	2261667	2860329	86.91%	5.730%
14	9.334	1228	1231	1236	rVB	29500	37174	1.13%	0.074%
15	9.498	1253	1259	1264	rBV	42798	67983	2.07%	0.136%
16	9.569	1266	1271	1274	rBV	75993	107604	3.27%	0.216%
17	9.598	1274	1276	1279	rVB	34010	34149	1.04%	0.068%
18	9.686	1286	1291	1300	rVB2	31397	63305	1.92%	0.127%
19	9.775	1301	1306	1311	rBV	120714	151375	4.60%	0.303%
20	9.916	1322	1330	1333	rBV	731217	971803	29.53%	1.947%
21	9.945	1333	1335	1339	rVB	261506	289374	8.79%	0.580%
22	10.069	1351	1356	1360	rBV2	24742	37512	1.14%	0.075%
23	10.116	1360	1364	1368	rBV	144746	187620	5.70%	0.376%
24	10.157	1368	1371	1379	rVB	33120	44598	1.36%	0.089%
25	10.228	1379	1383	1386	rBV2	34780	49296	1.50%	0.099%
26	10.263	1386	1389	1394	rVB2	25423	33053	1.00%	0.066%
27	10.322	1394	1399	1400	rBV	32004	42000	1.28%	0.084%
28	10.463	1418	1423	1428	rVB	198640	258998	7.87%	0.519%
29	10.528	1428	1434	1436	rBV	39011	69563	2.11%	0.139%
30	10.628	1446	1451	1456	rVB2	215825	300332	9.13%	0.602%
31	10.704	1458	1464	1469	rBV	1254742	1610195	48.93%	3.225%
32	10.828	1479	1485	1491	rVB4	63251	109035	3.31%	0.218%
33	11.010	1510	1516	1519	rBV4	59343	117199	3.56%	0.235%
34	11.139	1533	1538	1540	rBV3	57679	85665	2.60%	0.172%
35	11.210	1546	1550	1554	rVB	93573	115615	3.51%	0.232%
36	11.257	1554	1558	1562	rVV2	60646	110287	3.35%	0.221%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.304	1562	1566	1571	rVB	106119	147549	4.48%	0.296%
38	11.410	1578	1584	1585	rBV	648215	871112	26.47%	1.745%
39	11.433	1585	1588	1592	rVV	1804341	2234361	67.89%	4.476%
40	11.480	1592	1596	1600	rVV	467681	621928	18.90%	1.246%
41	11.516	1600	1602	1607	rVB	55206	65020	1.98%	0.130%
42	11.633	1616	1622	1630	rBV2	165237	307399	9.34%	0.616%
43	11.698	1630	1633	1637	rVV3	58586	87907	2.67%	0.176%
44	11.739	1637	1640	1644	rVB4	40704	54044	1.64%	0.108%
45	11.910	1664	1669	1670	rBV	220624	263867	8.02%	0.529%
46	11.933	1670	1673	1678	rVV2	548097	755746	22.96%	1.514%
47	11.986	1678	1682	1684	rVV	127842	172016	5.23%	0.345%
48	12.022	1684	1688	1696	rVB	382096	701887	21.33%	1.406%
49	12.110	1696	1703	1706	rBV6	51708	116813	3.55%	0.234%
50	12.204	1715	1719	1722	rBV	153830	215167	6.54%	0.431%
51	12.357	1741	1745	1747	rBV	51255	64654	1.96%	0.130%
52	12.463	1758	1763	1766	rBV	146941	237022	7.20%	0.475%
53	12.498	1766	1769	1774	rVV3	105809	194683	5.92%	0.390%
54	12.545	1774	1777	1783	rVB	147709	211429	6.42%	0.424%
55	12.627	1785	1791	1796	rBV	2427133	3143779	95.53%	6.297%
56	12.686	1796	1801	1804	rVV2	42271	73193	2.22%	0.147%
57	12.716	1804	1806	1809	rVB	56784	60366	1.83%	0.121%
58	12.804	1819	1821	1823	rVB	65465	52044	1.58%	0.104%
59	12.857	1823	1830	1835	rVB	2184075	3291037	100.00%	6.592%
60	12.904	1835	1838	1844	rVB2	118690	168873	5.13%	0.338%
61	12.998	1845	1854	1861	rBV	1799984	2790706	84.80%	5.590%
62	13.069	1861	1866	1871	rBV3	192575	387076	11.76%	0.775%
63	13.180	1877	1885	1889	rVB2	259189	508851	15.46%	1.019%
64	13.251	1894	1897	1899	rVV2	105391	114957	3.49%	0.230%
65	13.286	1899	1903	1907	rVV2	219038	277935	8.45%	0.557%
66	13.380	1916	1919	1921	rBV	107439	118835	3.61%	0.238%
67	13.410	1921	1924	1928	rVB2	114205	144088	4.38%	0.289%
68	13.569	1947	1951	1960	rBV8	89665	269528	8.19%	0.540%
69	13.692	1968	1972	1977	rVB	241794	324043	9.85%	0.649%
70	13.804	1987	1991	1994	rBV2	204381	324225	9.85%	0.649%
71	13.833	1994	1996	1999	rVV	88881	114044	3.47%	0.228%
72	13.904	2004	2008	2014	rVB3	387821	601116	18.27%	1.204%
73	14.057	2028	2034	2038	rBV2	1511037	2762996	83.96%	5.535%
74	14.092	2038	2040	2047	rVB	1064169	1296464	39.39%	2.597%
75	14.174	2051	2054	2058	rVV	131301	151199	4.59%	0.303%
76	14.463	2100	2103	2107	rVB	179226	218182	6.63%	0.437%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

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-BF110524.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.145	2213	2219	2228	rBV	929058	2160645	65.65%	4.328%
78	15.251	2234	2237	2241	rVB	153034	194009	5.90%	0.389%
79	15.457	2267	2272	2277	rVB	467781	776755	23.60%	1.556%
80	15.515	2277	2282	2288	rVB	660139	1051185	31.94%	2.106%
81	15.580	2289	2293	2297	rBV	308543	554823	16.86%	1.111%
82	17.098	2545	2551	2560	rVB2	315793	711808	21.63%	1.426%
83	17.557	2623	2629	2646	rVB	262416	636437	19.34%	1.275%

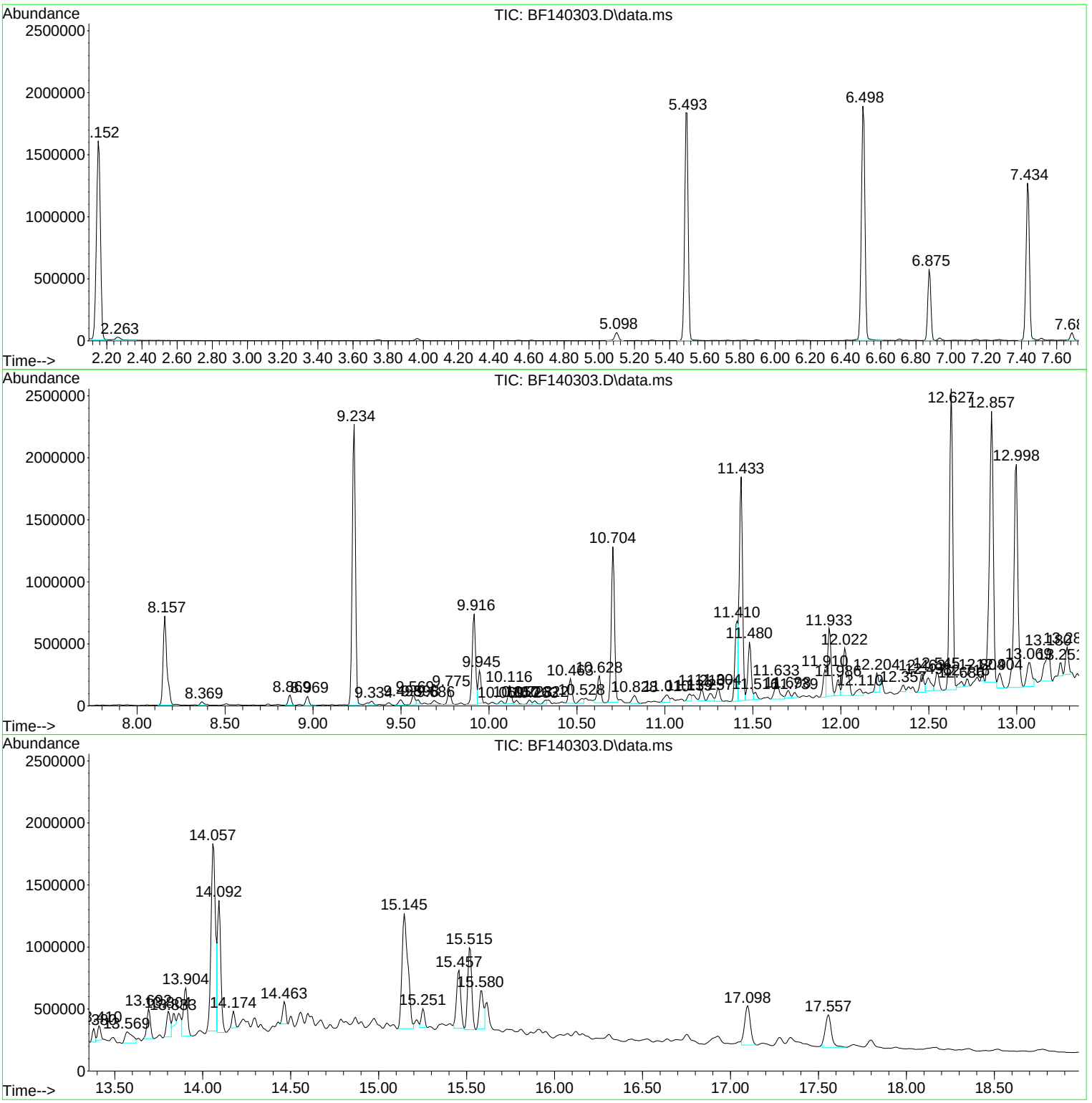
Sum of corrected areas: 49921304

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.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\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

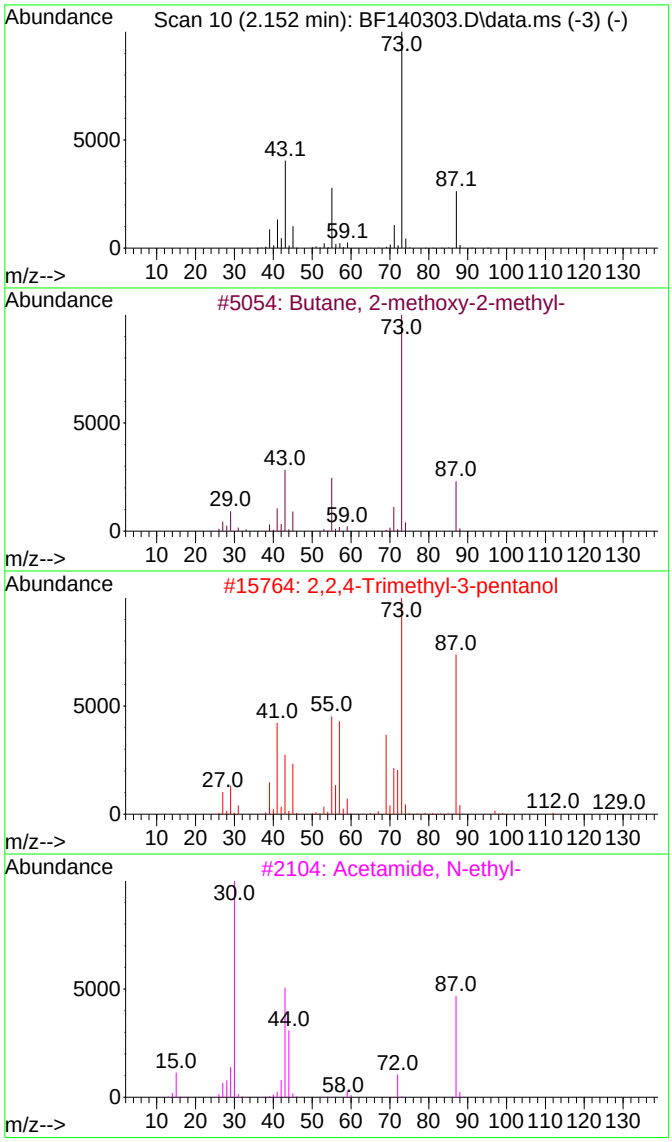
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

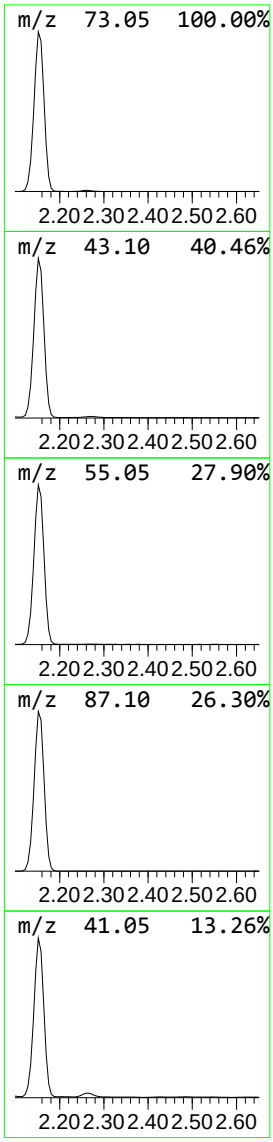
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.152	72.09 ng	2533230	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

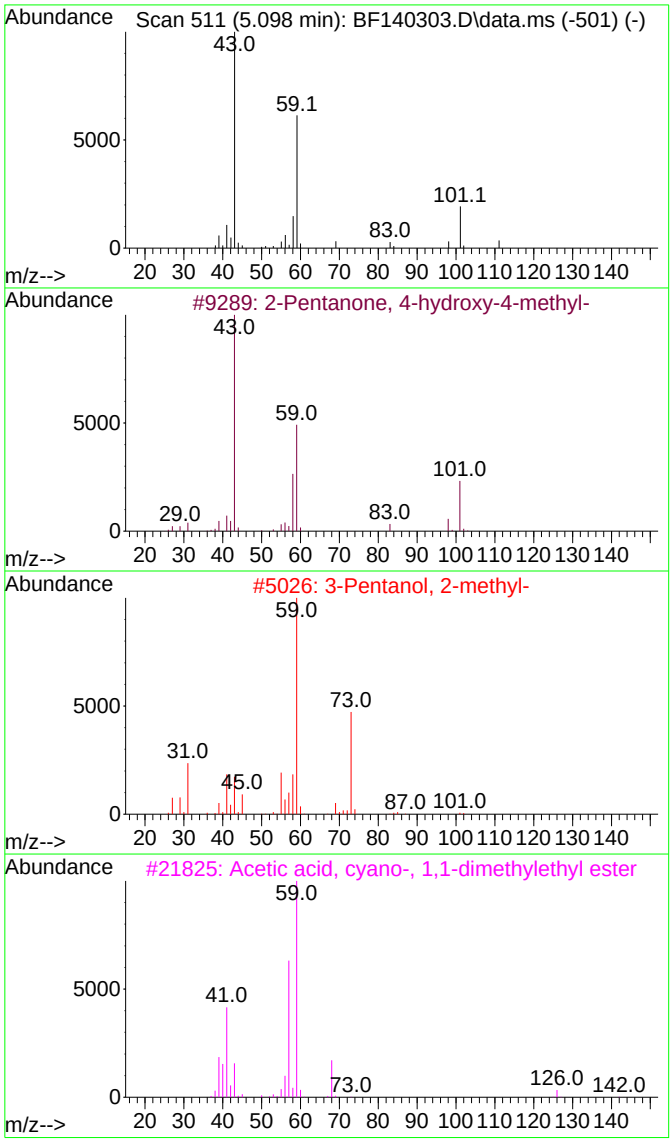
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

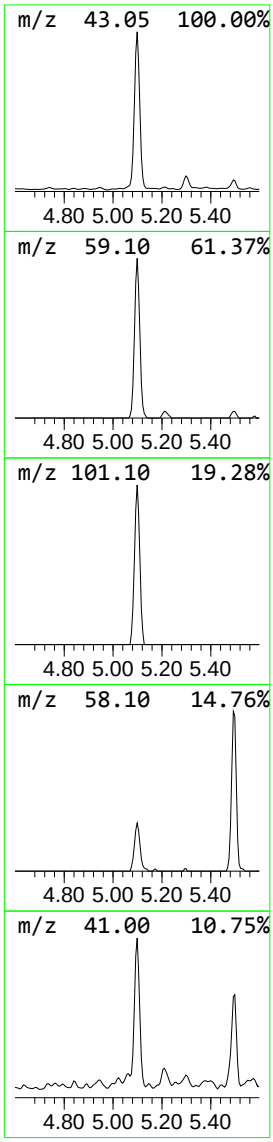
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.098	2.94 ng	103299	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	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17
5	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

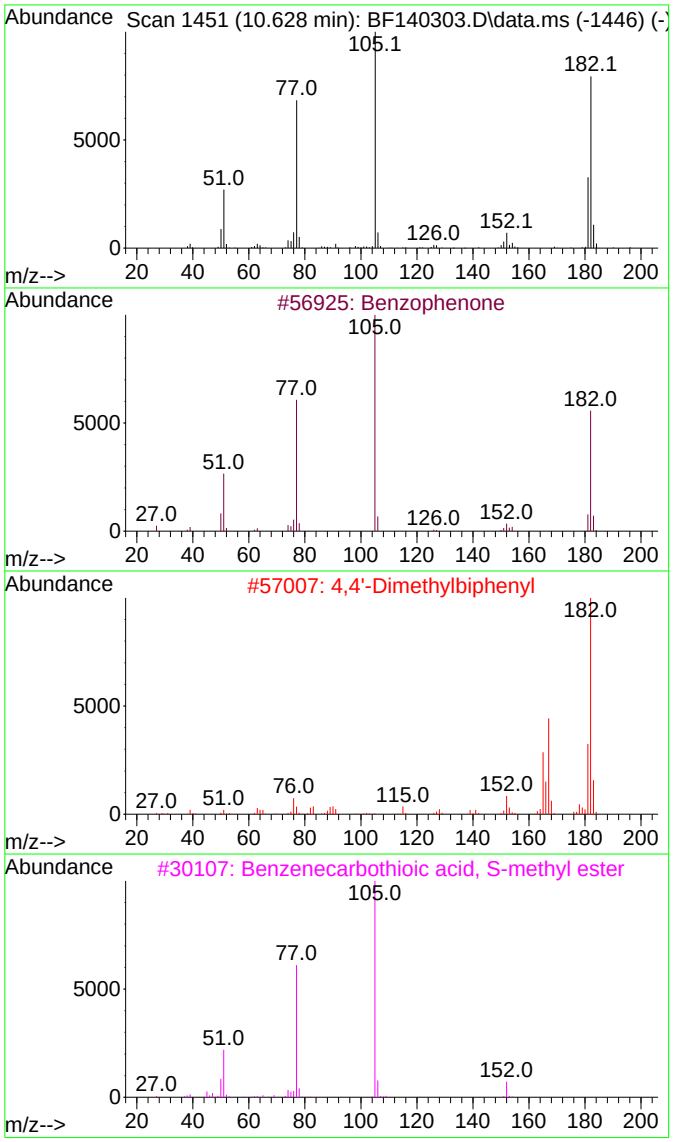
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

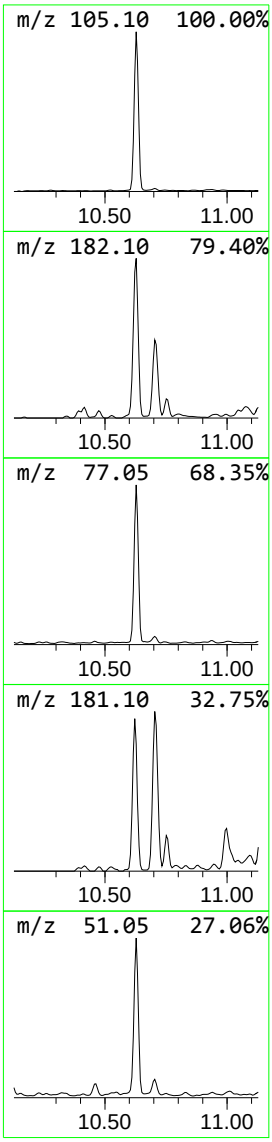
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.628	6.18 ng	300332	Acenaphthene-d10	9.916

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	90
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	41
4	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	35
5	Methyl benzilate	242	C15H14O3	000076-89-1	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

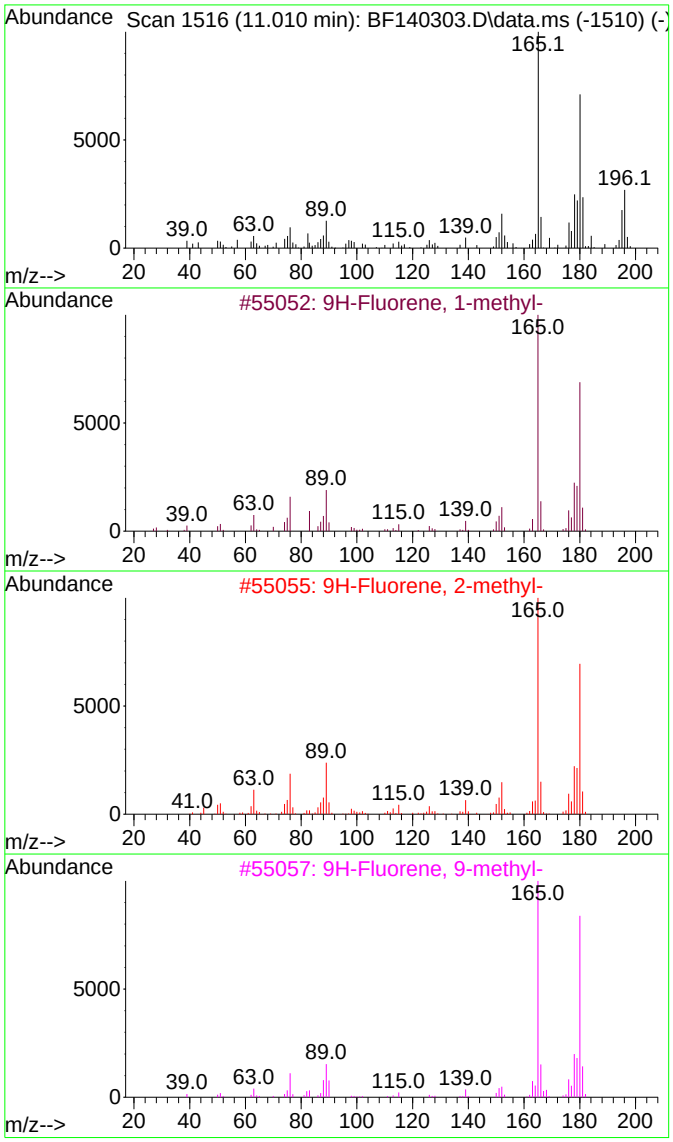
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

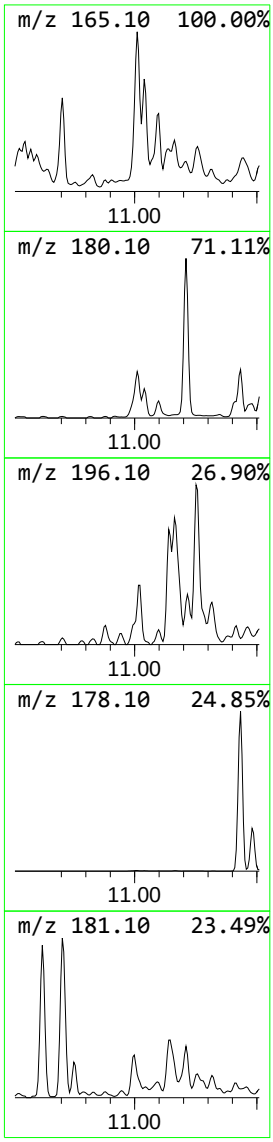
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.010	2.69 ng	117199	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	58
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

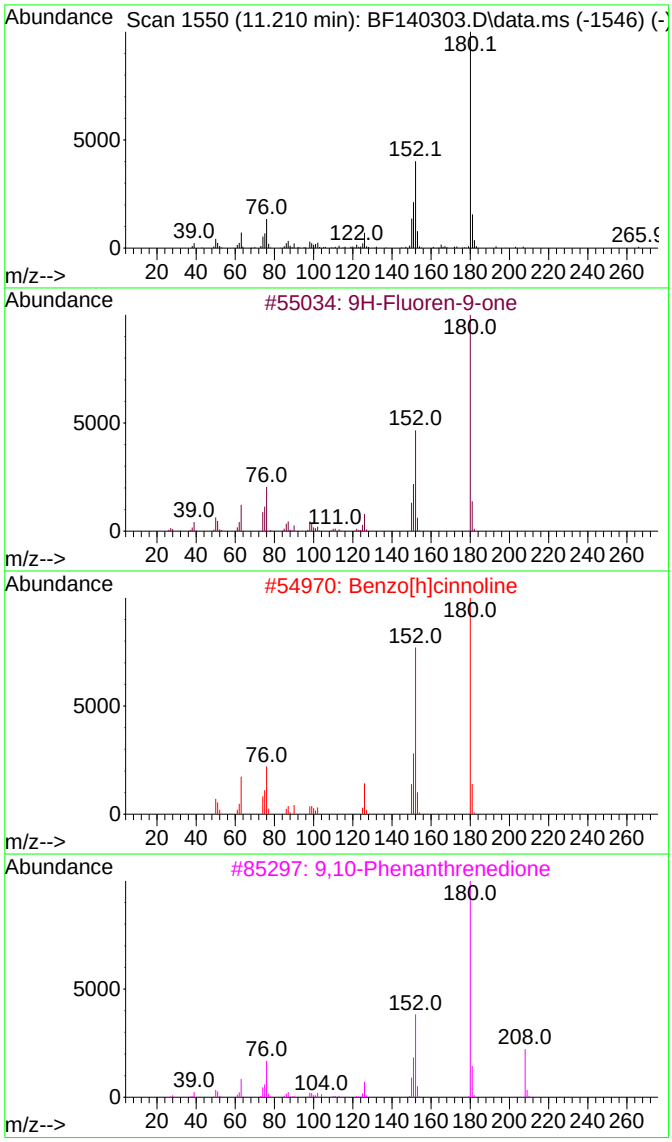
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

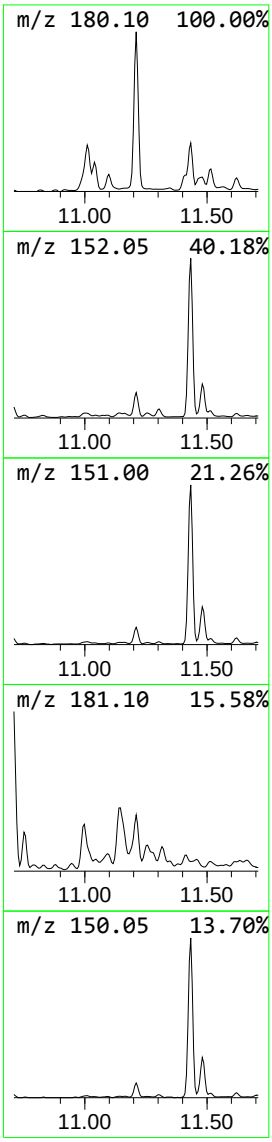
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	2.65 ng	115615	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
5	Diphenic anhydride	224	C14H8O3	006050-13-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

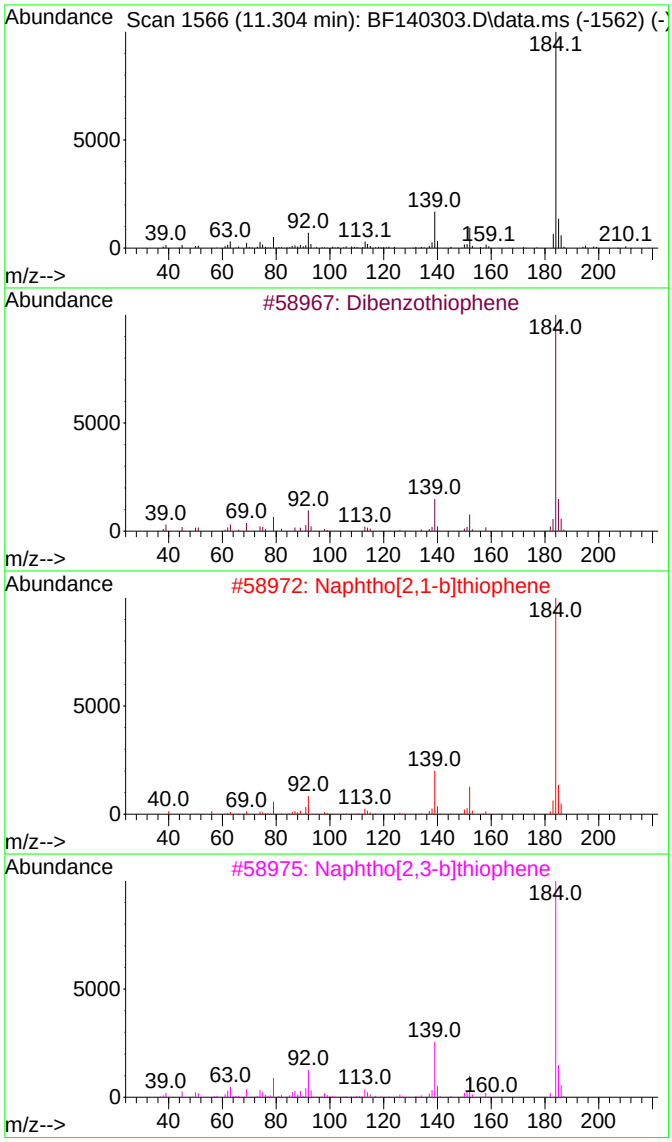
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

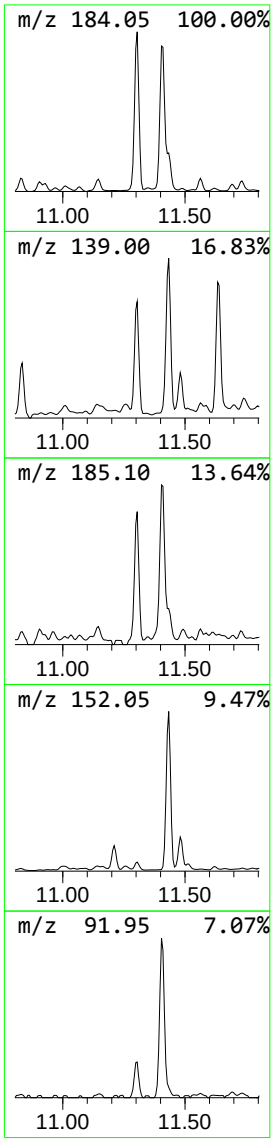
****

Peak Number 6 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	3.39 ng	147549	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

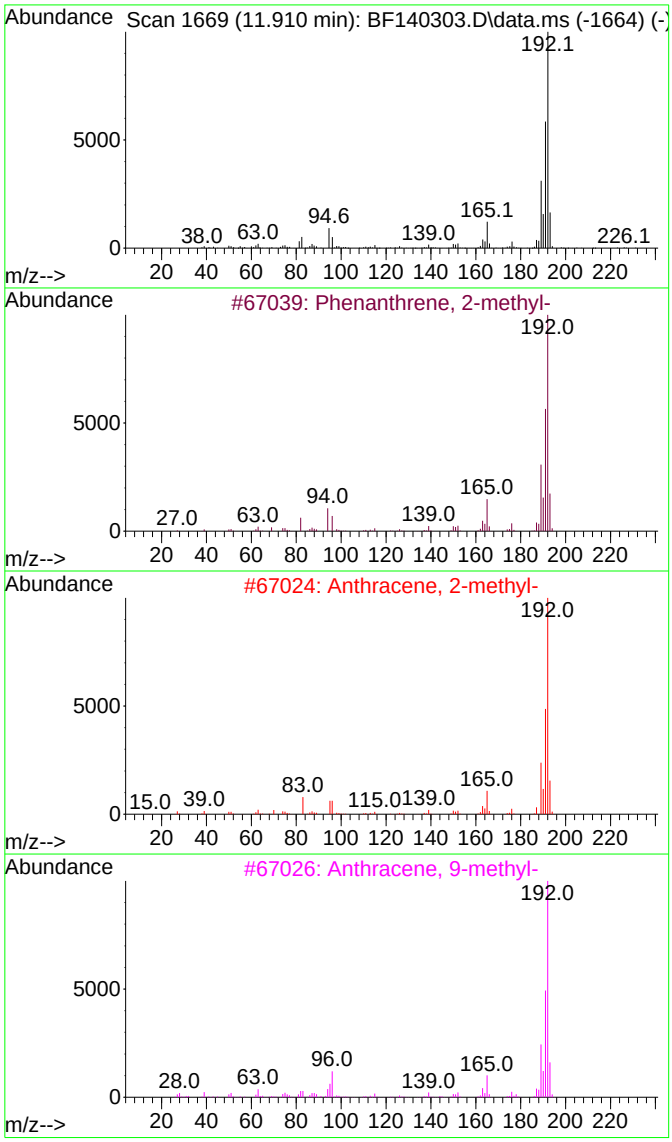
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

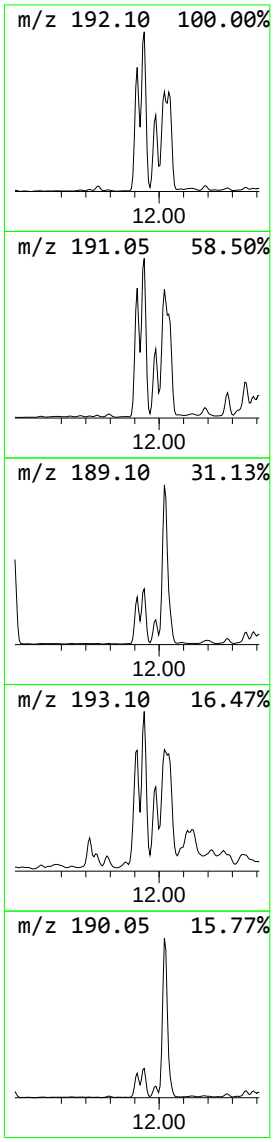
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.910	6.06 ng	263867	Phenanthrene-d10	11.404

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	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

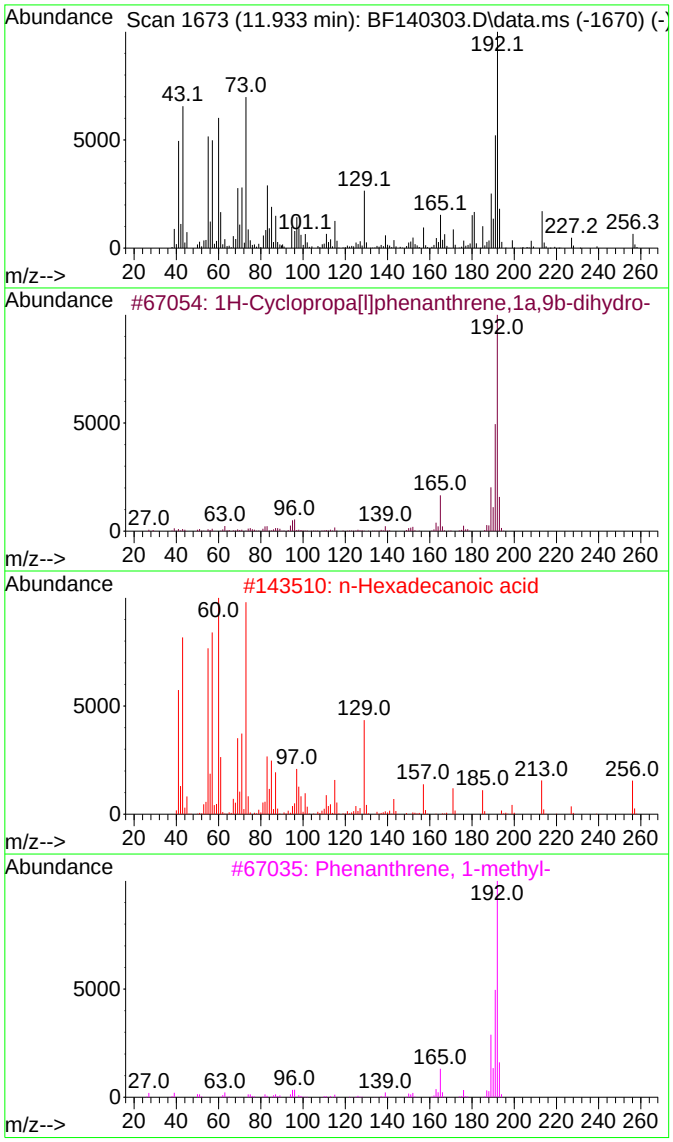
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

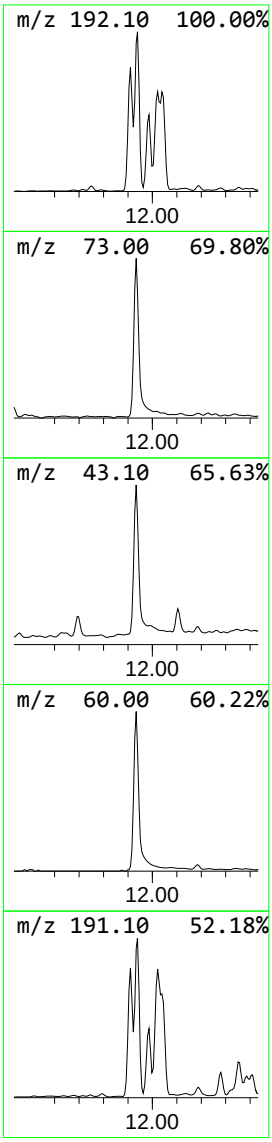
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	17.35 ng	755746	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

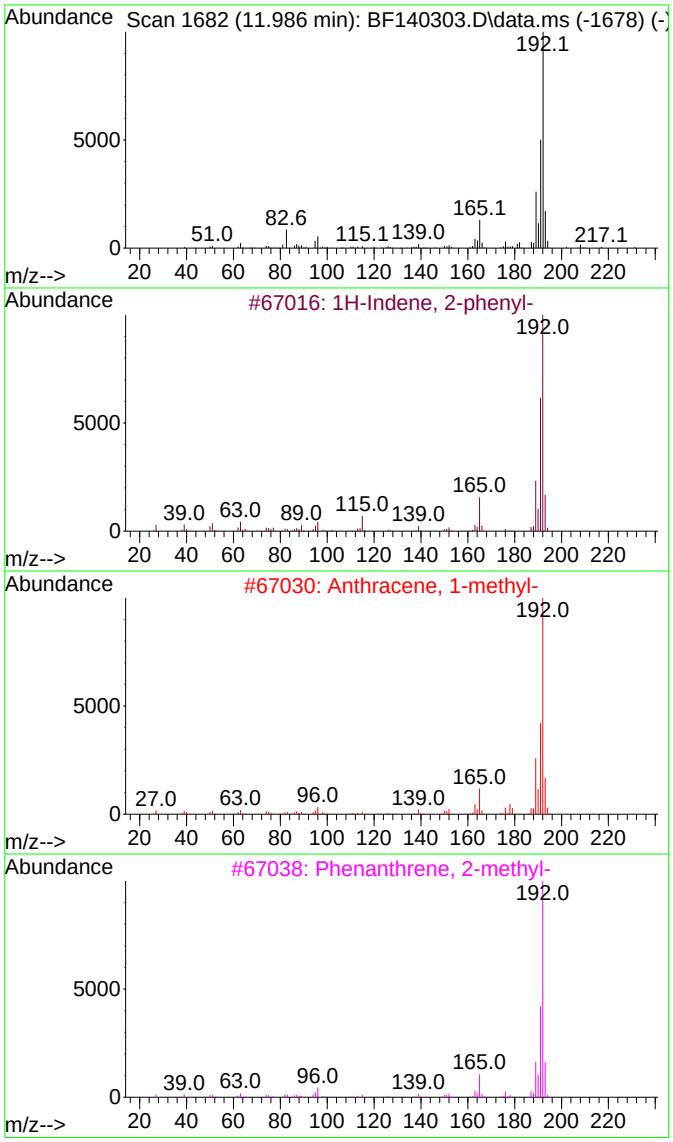
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

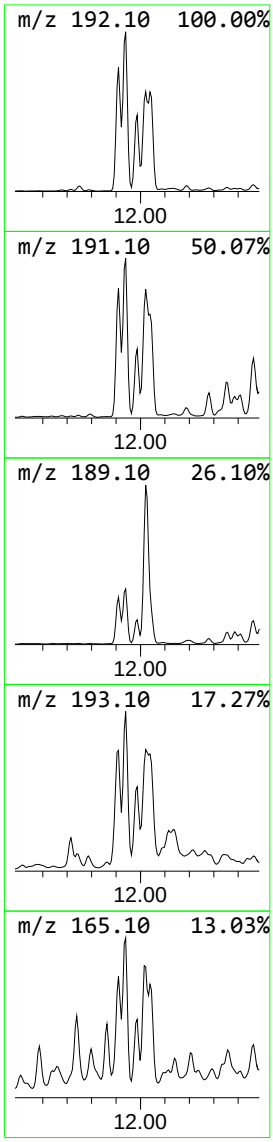
****

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	3.95 ng	172016	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

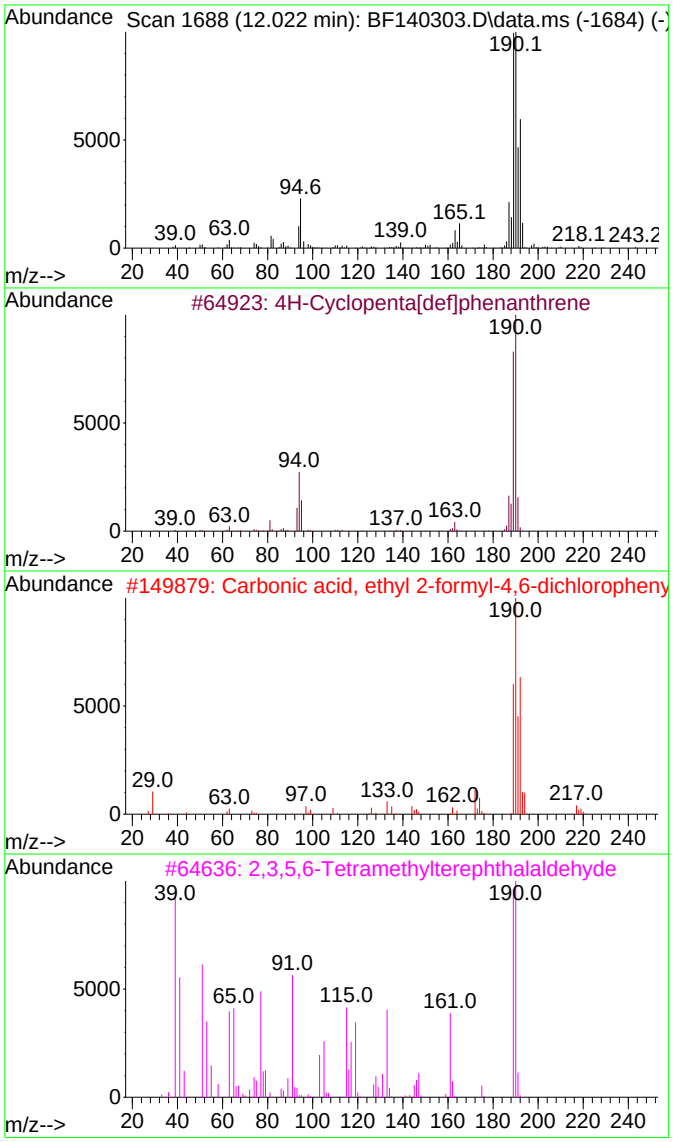
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

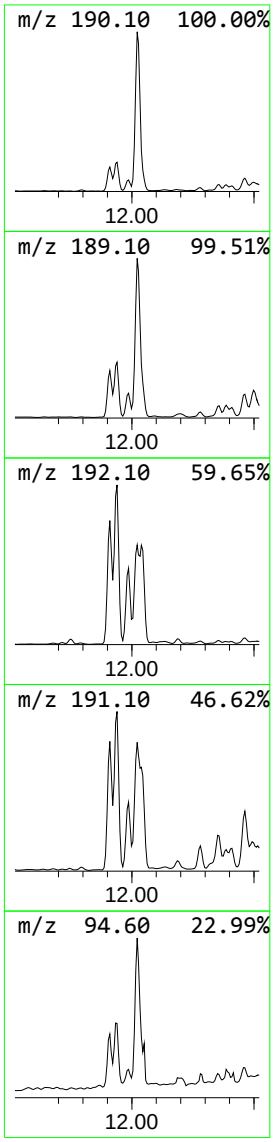
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	16.11 ng	701887	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Methyl diselenide	190	C2H6Se2	007101-31-7	41
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

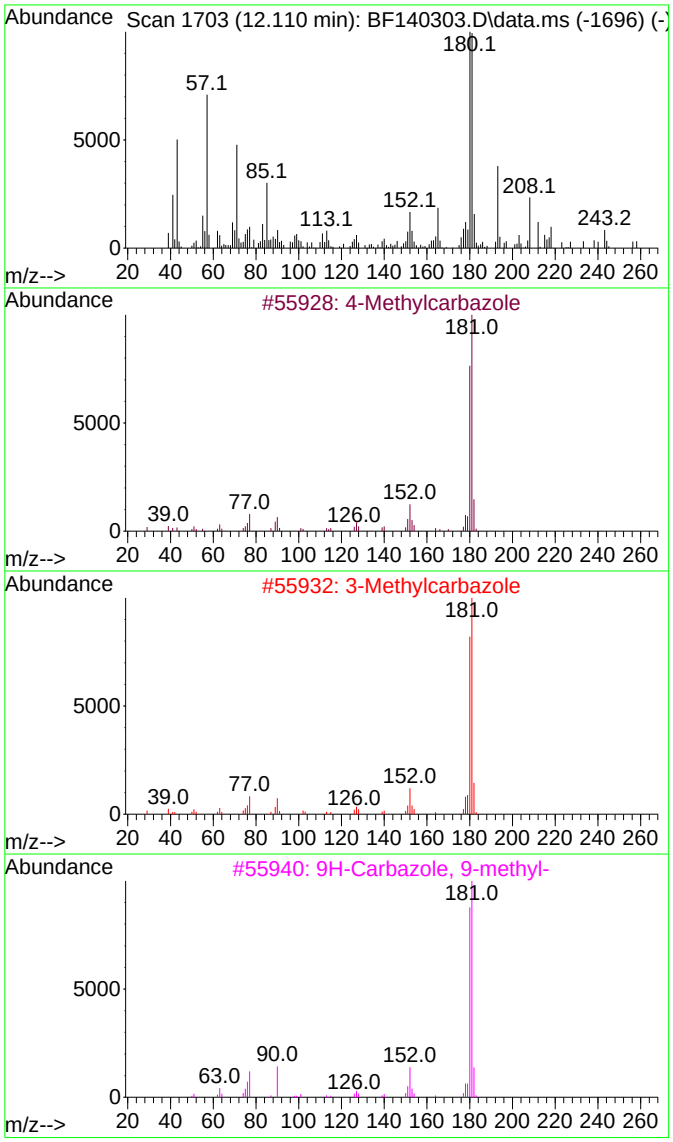
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

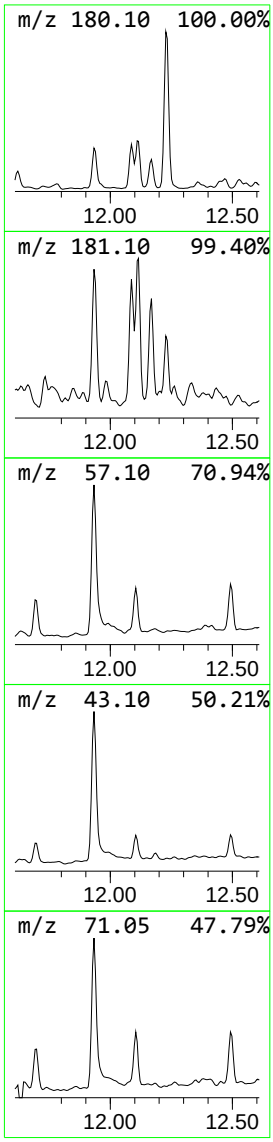
****

Peak Number 11 4-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	2.68 ng	116813	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	91
2	3-Methylcarbazole	181	C13H11N	004630-20-0	87
3	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	70
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	55
5	1-Aminofluorene	181	C13H11N	006344-63-4	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

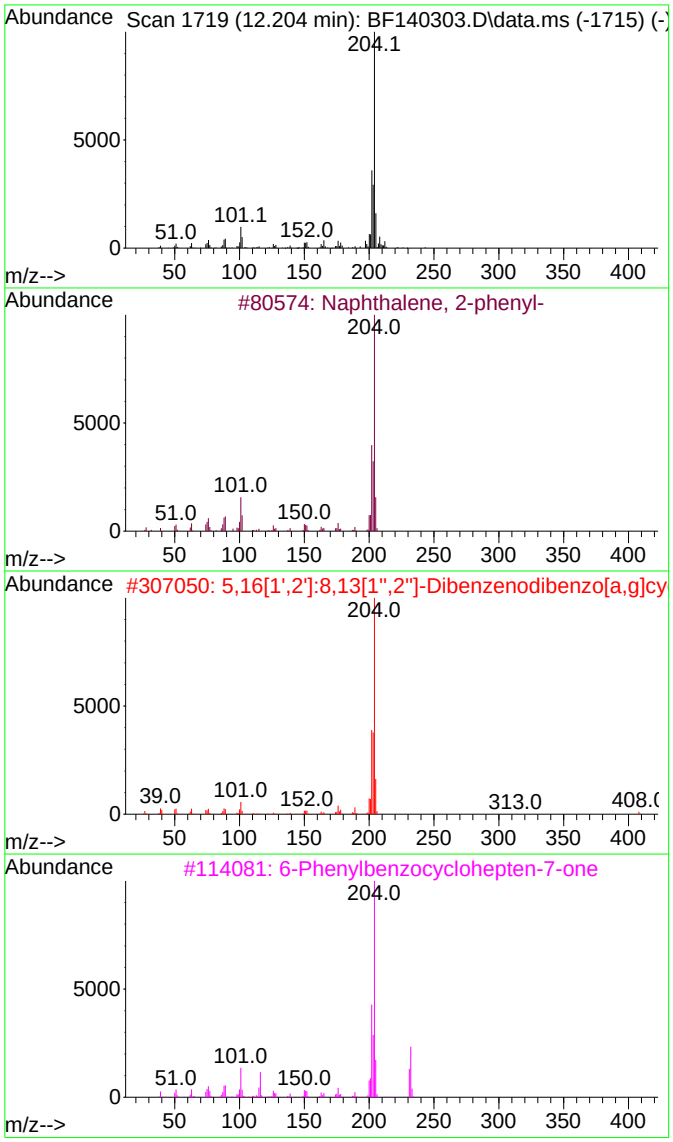
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

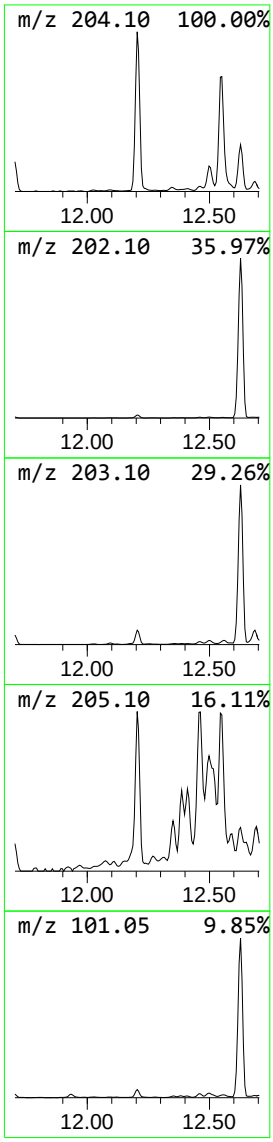
****

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.204	4.94 ng	215167	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

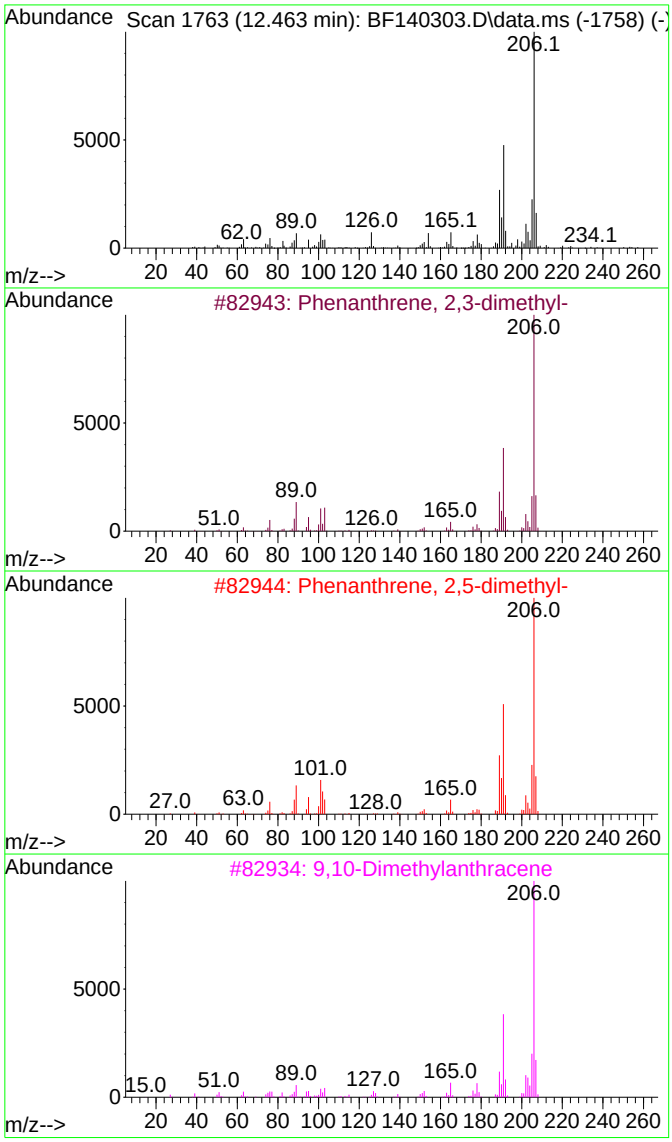
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

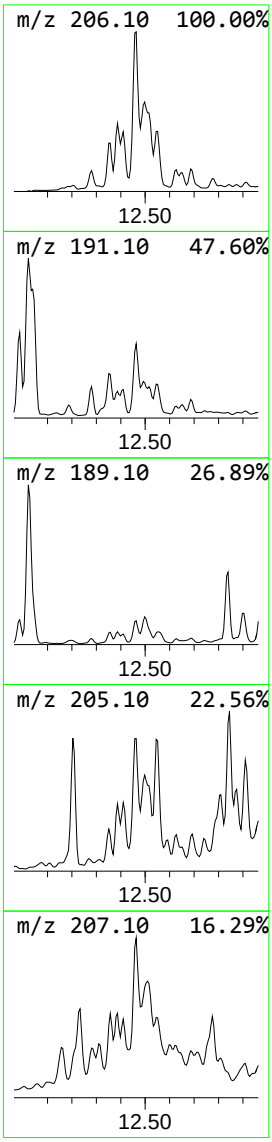
****

Peak Number 13 Phenanthrene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	5.44 ng	237022	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

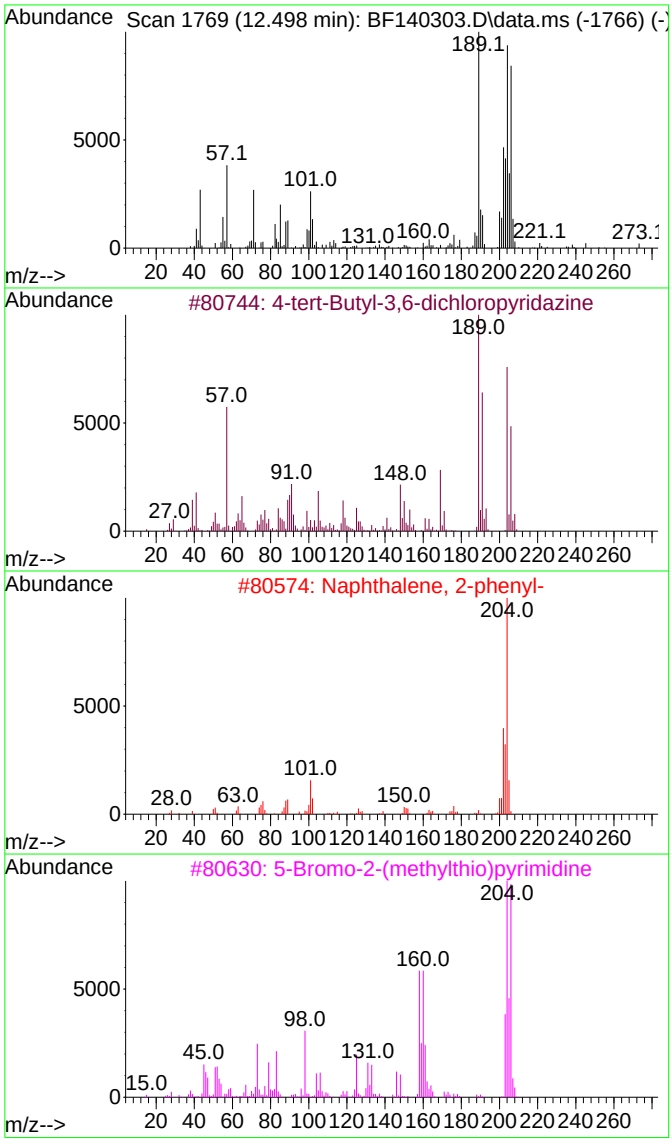
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

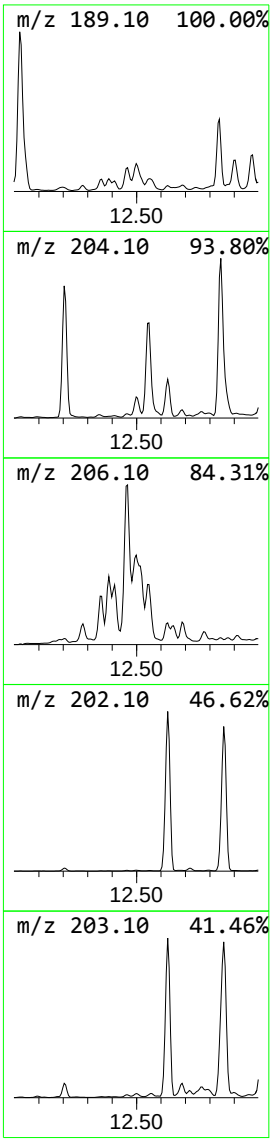
****

Peak Number 14 unknown12.498 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	4.47 ng	194683	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butyl-3,6-dichloropyridazine	204	C8H10Cl2N2	022808-29-3	47
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
3	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	38
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5	3-Methoxy-2,4,5-trifluorobenzoic...	248	C11H11F3O3	1000338-75-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

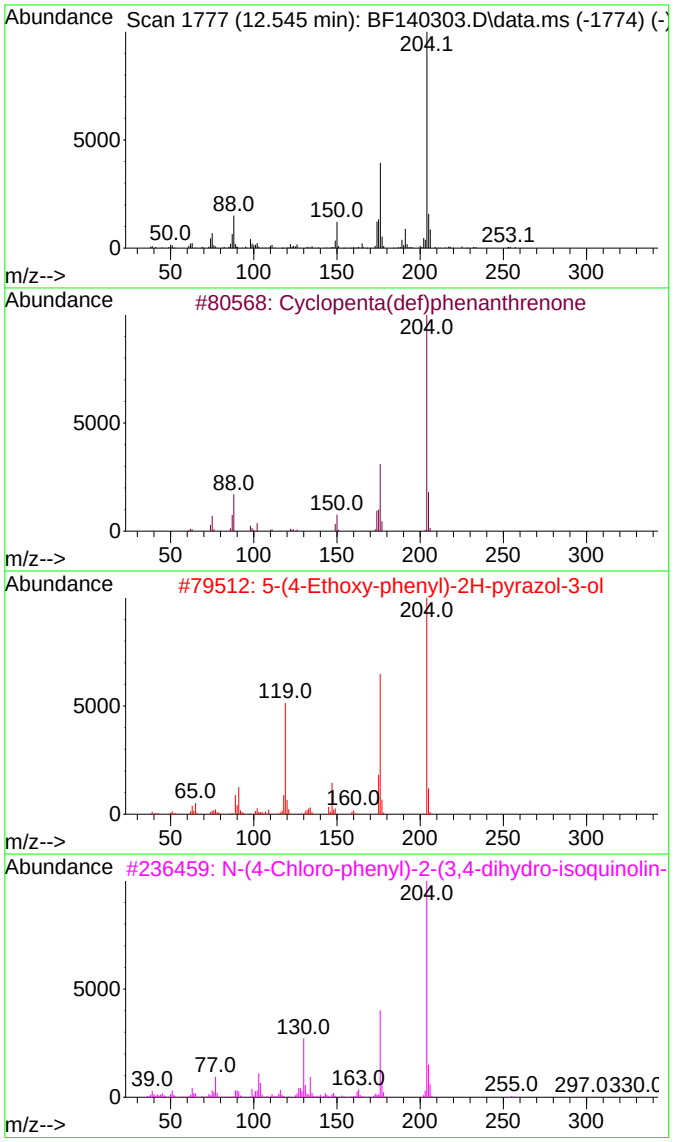
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

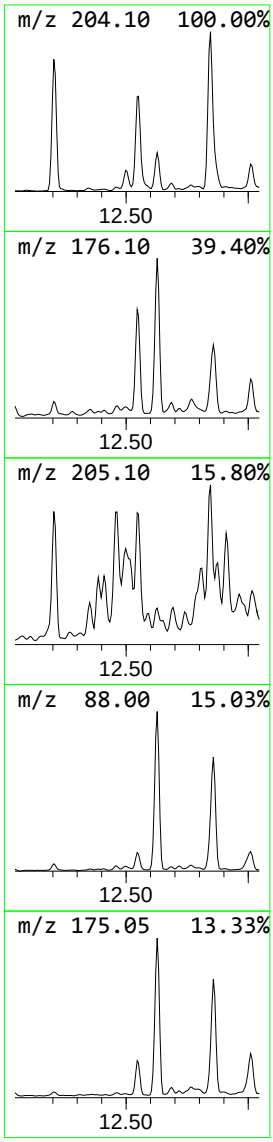
****

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.545	4.85 ng	211429	Phenanthrene-d10	11.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	59
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

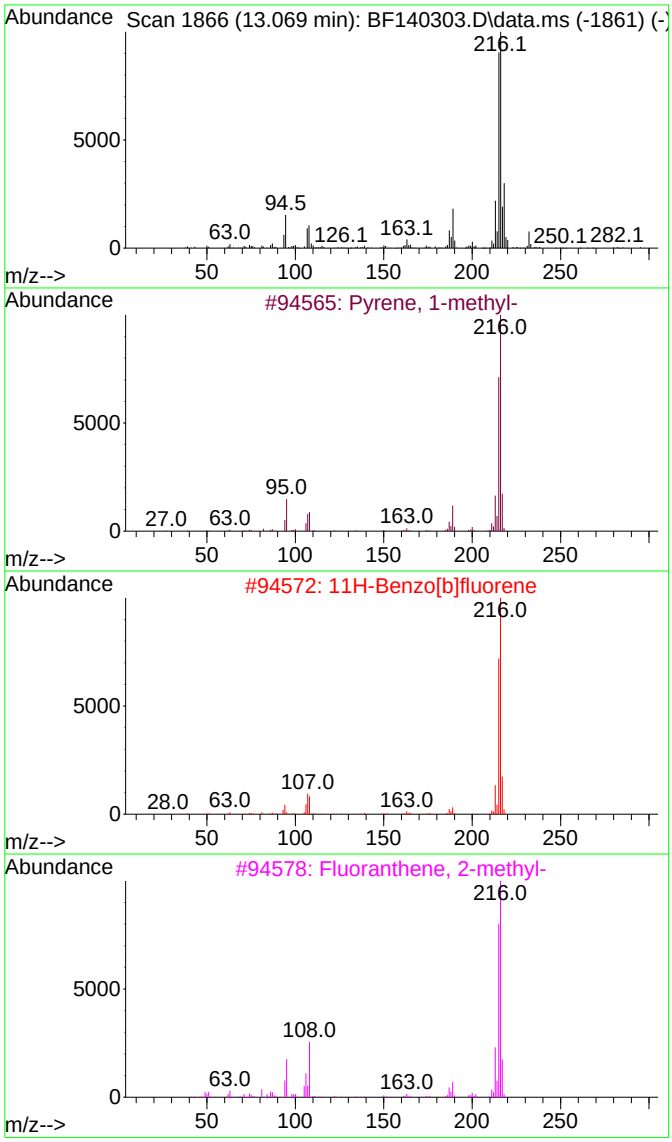
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

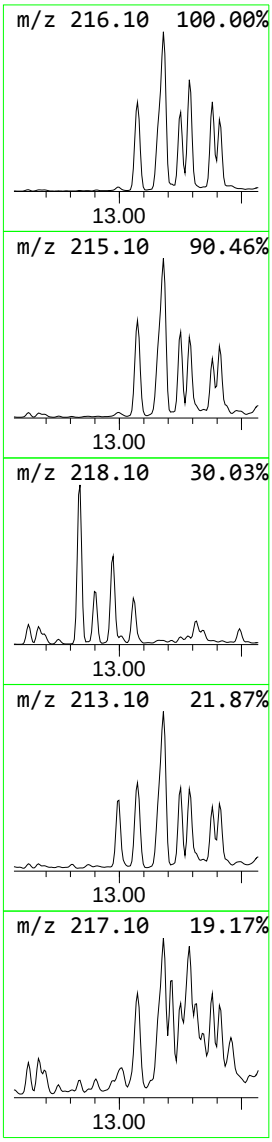
****

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.069	2.80 ng	387076	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

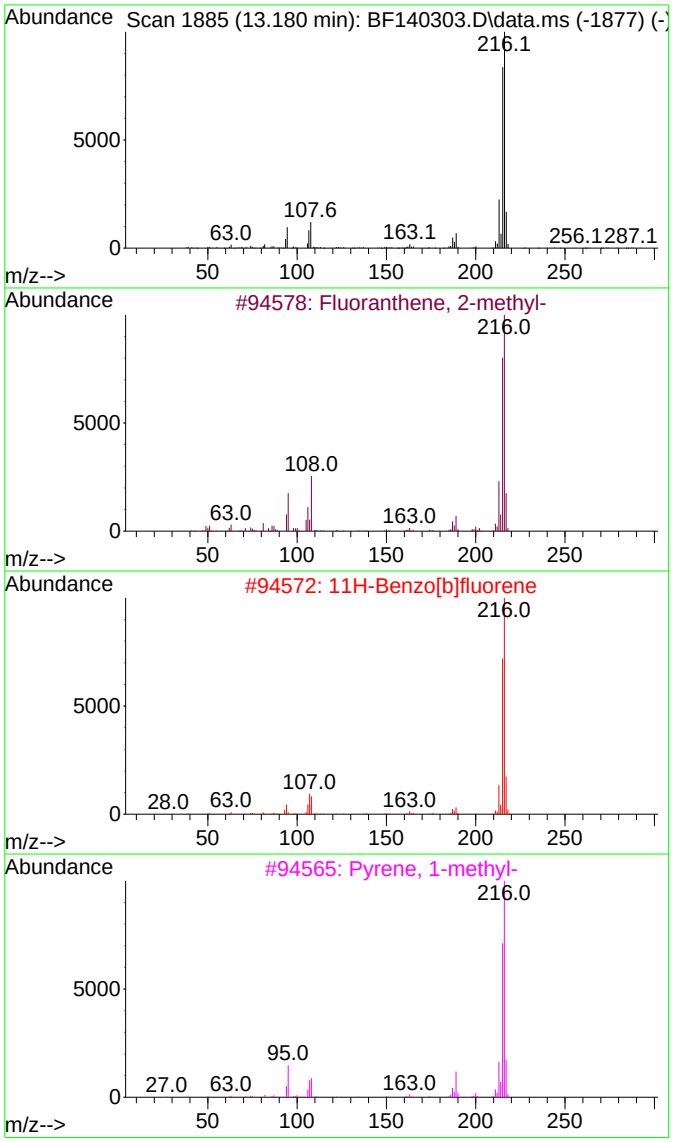
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

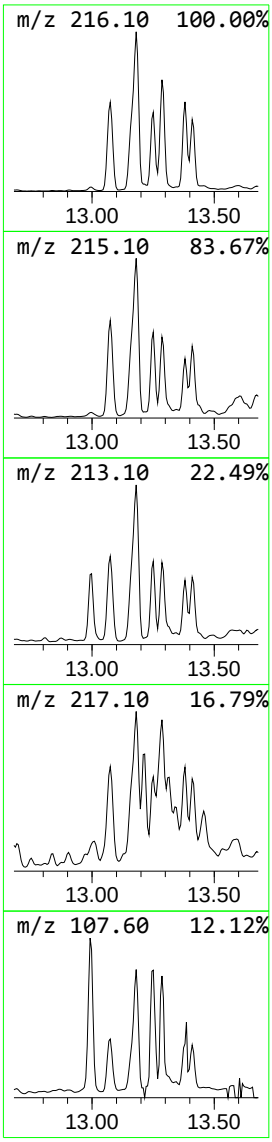
****

Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	3.68 ng	508851	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

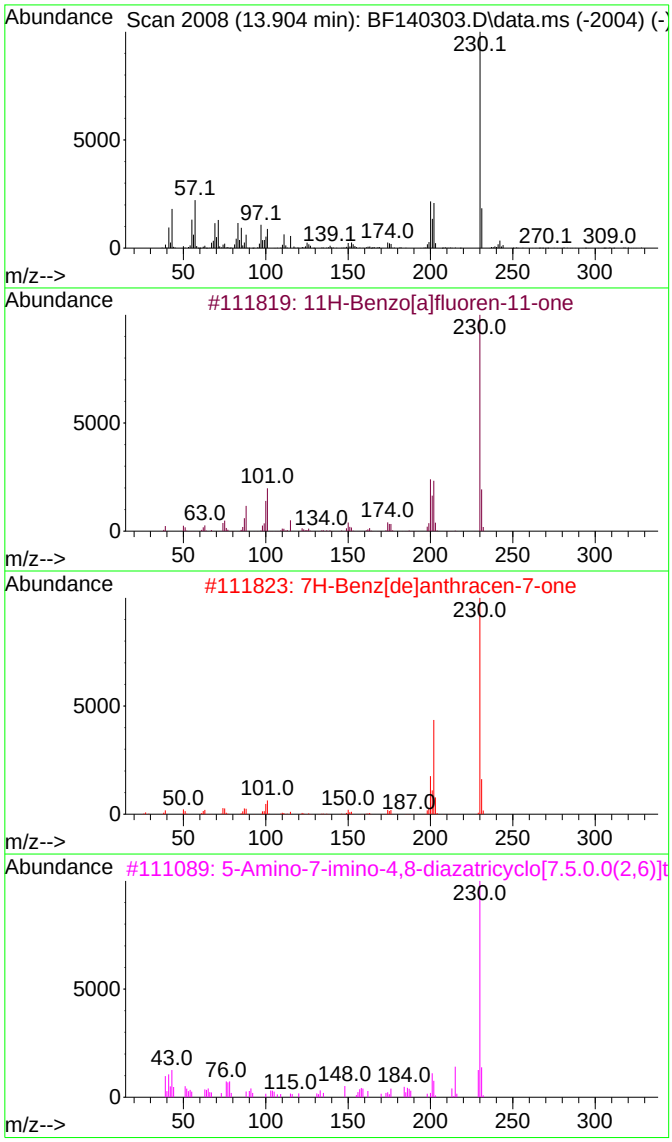
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

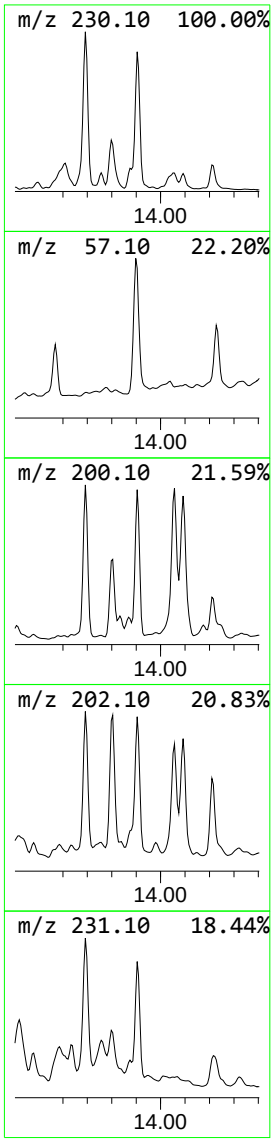
****

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	4.35 ng	601116	Chrysene-d12	14.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
3	5-Amino-7-imino-4,8-diazatricycl...	230	C12H14N4O	1000388-35-6	49
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	45
5	Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

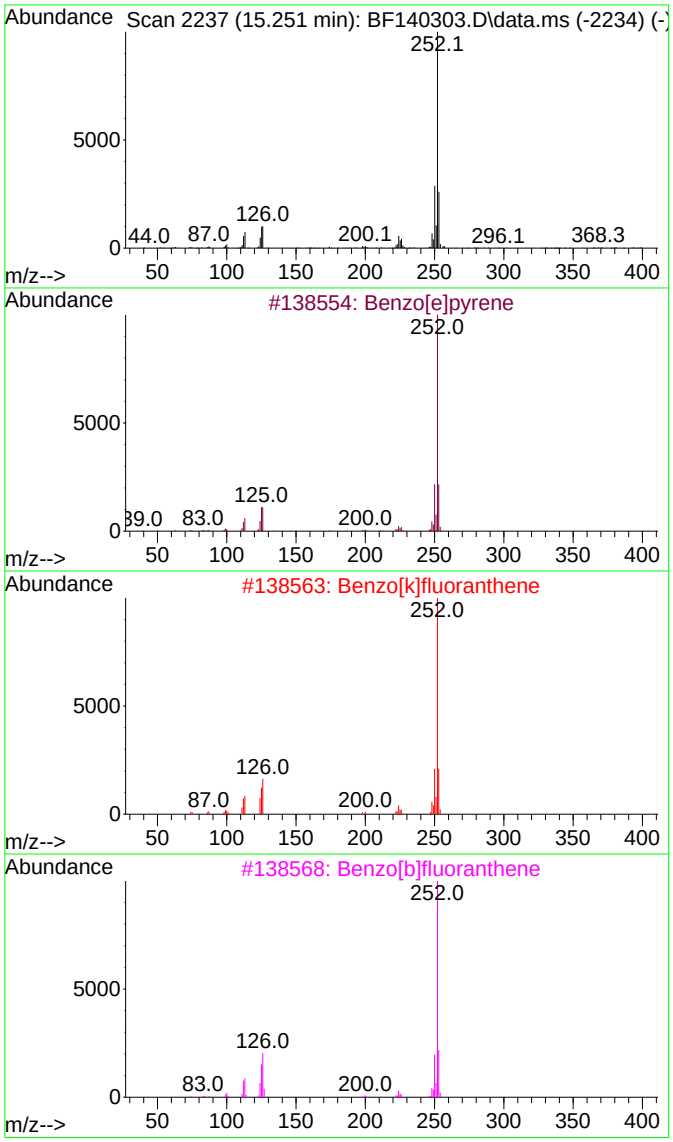
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

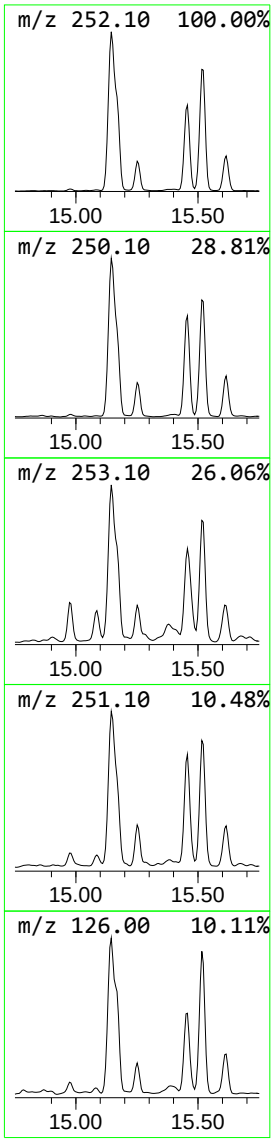
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.251	6.99 ng	194009	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

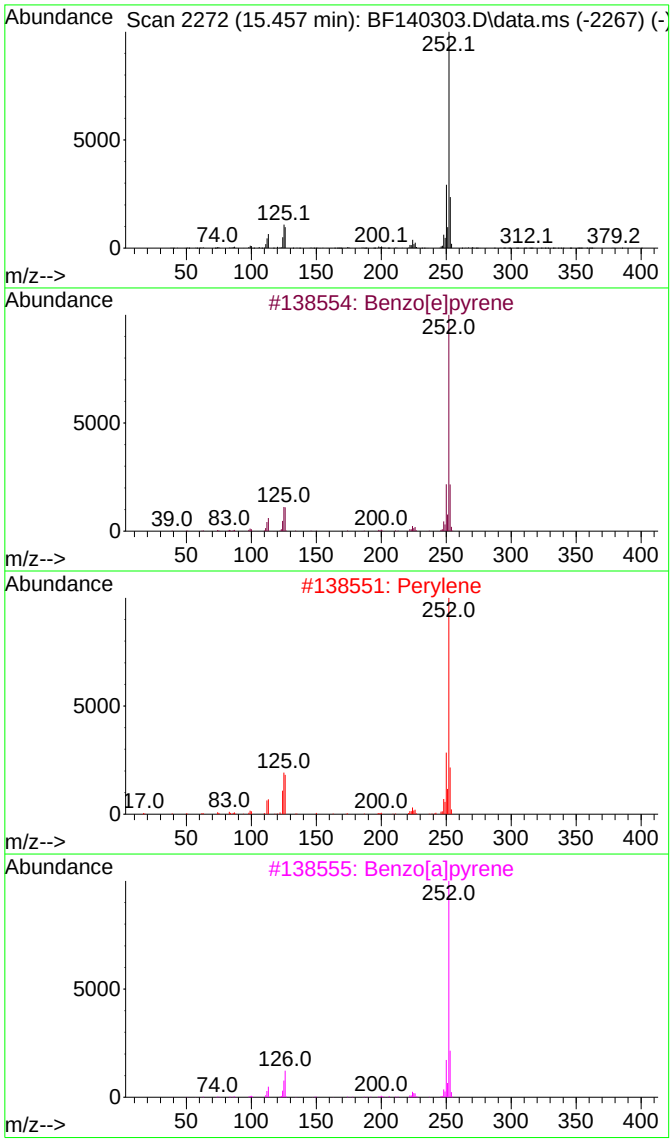
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

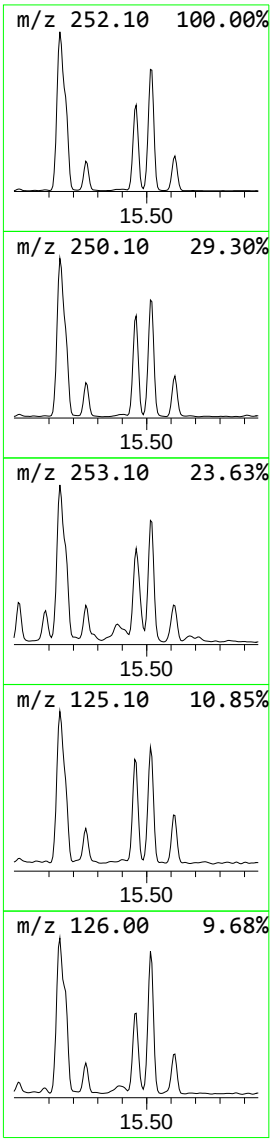
****

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.457	28.00 ng	776755	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140303.D
Acq On : 08 Nov 2024 17:10
Operator : RC/JU
Sample : P4722-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	2.152	72.1	ng	2533230	1	6.875	702778	20.0
2-Pentanone, 4-...	5.098	2.9	ng	103299	1	6.875	702778	20.0
Benzophenone	10.628	6.2	ng	300332	3	9.916	971803	20.0
9H-Fluorene, 1-...	11.010	2.7	ng	117199	4	11.404	871112	20.0
9H-Fluoren-9-one	11.210	2.6	ng	115615	4	11.404	871112	20.0
Dibenzothiophene	11.304	3.4	ng	147549	4	11.404	871112	20.0
Phenanthrene, 2...	11.910	6.1	ng	263867	4	11.404	871112	20.0
1H-Cyclopropa[l...	11.933	17.4	ng	755746	4	11.404	871112	20.0
1H-Indene, 2-ph...	11.986	4.0	ng	172016	4	11.404	871112	20.0
4H-Cyclopenta[d...	12.022	16.1	ng	701887	4	11.404	871112	20.0
4-Methylcarbazole	12.110	2.7	ng	116813	4	11.404	871112	20.0
Naphthalene, 2-...	12.204	4.9	ng	215167	4	11.404	871112	20.0
Phenanthrene, 2...	12.463	5.4	ng	237022	4	11.404	871112	20.0
unknown12.498	12.498	4.5	ng	194683	4	11.404	871112	20.0
Cyclopenta(def)...	12.545	4.8	ng	211429	4	11.404	871112	20.0
Pyrene, 1-methyl-	13.069	2.8	ng	387076	5	14.069	2763000	20.0
Fluoranthene, 2...	13.180	3.7	ng	508851	5	14.069	2763000	20.0
11H-Benzo[a]flu...	13.904	4.3	ng	601116	5	14.069	2763000	20.0
Benzo[e]pyrene	15.251	7.0	ng	194009	6	15.580	554823	20.0
Perylene	15.457	28.0	ng	776755	6	15.580	554823	20.0