LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JPP-20-020223

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132331.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.301	413	419	426	rVB	1119551	1409304	16.40%	1.244%
2	5.684	478	484	487	rBV	3174473	3210324	37.36%	2.833%
3	6.672	646	652	655	rBV	2971725	3212019	37.38%	2.835%
4	7.054	714	717	721	rBV	1405774	1206842	14.04%	1.065%
5	7.619	808	813	816	rBV	2396203	2281386	26.55%	2.013%
6	8.342	932	936	938	rBV	1986762	1590049	18.50%	1.403%
7	8.366	938	940	942	rVB	327561	237660	2.77%	0.210%
8	9.419	1115	1119	1122	rBV	4780334	4222023	49.14%	3.726%
9	9.760	1173	1177	1179	rBV	308543	273510	3.18%	0.241%
10	10.107	1233	1236	1239	rVV	2002648	1645549	19.15%	1.452%
11	10.142	1239	1242	1244	rVB	1203420	1002606	11.67%	0.885%
12	10.266	1257	1263	1267	rBV2	268700	321775	3.74%	0.284%
13	10.307	1267	1270	1273	rVV2	369489	397284	4.62%	0.351%
14	10.513	1300	1305	1311	rVV3	152218	283229	3.30%	0.250%
15	10.654	1325	1329	1334	rVV2	742678	763705	8.89%	0.674%
16	10.725	1339	1341	1342	rVV	275495	220819	2.57%	0.195%
17	10.742	1342	1344	1346	rVV2	239713	201163	2.34%	0.178%
18	10.819	1354	1357	1361	rVB2	442233	488483	5.68%	0.431%
19	10.901	1367	1371	1374	rVB	2632255	2325420	27.06%	2.052%
20	11.019	1389	1391	1395	rVB3	189379	203681	2.37%	0.180%
21	11.189	1416	1420	1422	rVV	260406	330840	3.85%	0.292%
22	11.207	1422	1423	1425	rVV2	335749	219024	2.55%	0.193%
23	11.236	1425	1428	1431	rVV2	278420	279678	3.25%	0.247%
24	11.330	1440	1444	1446	rBV2	188608	285010	3.32%	0.252%
25	11.360	1446	1449	1453	rVV2	211474	257845	3.00%	0.228%
26	11.407	1453	1457	1460	rVV	409907	370804	4.32%	0.327%
27	11.448	1461	1464	1470	rVV3	272949	441207	5.13%	0.389%
28	11.501	1470	1473	1478	rVB	465338	391720	4.56%	0.346%
29	11.607	1487	1491	1493	rBV	1415530	1442575	16.79%	1.273%
30	11.636	1493	1496	1499	rVV	5685659	5945494	69.19%	5.247%
31	11.683	1501	1504	1507	rVV	2019028	1670029	19.44%	1.474%
32	11.830	1525	1529	1531	rBV2	342013	305957	3.56%	0.270%
33	11.901	1539	1541	1543	rVV	399785	281180	3.27%	0.248%
34	11.936	1544	1547	1552	rVB2	260551	223523	2.60%	0.197%
35	12.113	1573	1577	1579	rVV	1731217	1673461	19.48%	1.477%
36	12.136	1579	1581	1585	rVB	1649725	1525510	17.75%	1.346%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.183	1586	1589	1592	rBV	644923	616553	7.18%	0.544%
38	12.224	1592	1596	1598	rBV2	1878566	2165915	25.21%	1.911%
39	12.248	1598	1600	1603	rVB	1165888	869900	10.12%	0.768%
40	12.289	1603	1607	1609	rBV2	227893	195775	2.28%	0.173%
41	12.407	1623	1627	1629	rBV	1017758	823747	9.59%	0.727%
42	12.430	1629	1631	1637	rVB2	650569	566153	6.59%	0.500%
43	12.477	1637	1639	1643	rVB	217325	198078	2.31%	0.175%
44	12.554	1647	1652	1655	rBV	517695	546312	6.36%	0.482%
45	12.613	1659	1662	1664	rVB	298426	259175	3.02%	0.229%
46	12.666	1667	1671	1674	rBV	744854	938565	10.92%	0.828%
47	12.701	1674	1677	1679	rVV2	329506	377477	4.39%	0.333%
48	12.724	1679	1681	1683	rVB	254903	200455	2.33%	0.177%
49	12.754	1683	1686	1691	rBV2	679477	771295	8.98%	0.681%
50	12.842	1695	1701	1704	rBV	6162300	7019139	81.69%	6.194%
51	12.895	1708	1710	1714	rVB4	242331	253819	2.95%	0.224%
52	12.960	1717	1721	1723	rBV3	232497	314403	3.66%	0.277%
53	12.983	1723	1725	1728	rVB	255151	236400	2.75%	0.209%
54	13.077	1733	1741	1744	rBV	6430228	8592688	100.00%	7.583%
55	13.107	1744	1746	1751	rVB2	449872	520817	6.06%	0.460%
56	13.201	1751	1762	1764	rBV2	2846506	3240335	37.71%	2.860%
57	13.277	1770	1775	1779	rBV3	680795	1113262	12.96%	0.982%
58	13.366	1787	1790	1792	rVV3	596644	783701	9.12%	0.692%
59	13.389	1792	1794	1797	rVV	1155220	1089782	12.68%	0.962%
60	13.460	1802	1806	1808	rVV2	765613	727764	8.47%	0.642%
61	13.495	1808	1812	1815	rVV2	1030904	1239675	14.43%	1.094%
62	13.524	1815	1817	1819	rVV	333671	326335	3.80%	0.288%
63	13.554	1819	1822	1825	rVV2	213792	265999	3.10%	0.235%
64	13.589	1825	1828	1831	rVV	691935	725189	8.44%	0.640%
65	13.624	1831	1834	1836	rVV	797862	775302	9.02%	0.684%
66	13.701	1844	1847	1850	rVB4	196636	240500	2.80%	0.212%
67	13.789	1860	1862	1865	rVV3	177363	219981	2.56%	0.194%
68	13.901	1878	1881	1886	rVB	623486	676799	7.88%	0.597%
69	14.018	1896	1901	1903	rBV2	631137	845709	9.84%	0.746%
70	14.048	1903	1906	1908	rVV	750981	704444	8.20%	0.622%
71	14.071	1908	1910	1914	rVV2	632867	947928	11.03%	0.837%
72	14.113	1914	1917	1924	rVB2	709714	803364	9.35%	0.709%
73	14.189	1927	1930	1935	rVB	145649	211103	2.46%	0.186%
74	14.266	1936	1943	1947	rBV3	3788721	5734816	66.74%	5.061%
75	14.301	1947	1949	1956	rVB	3220578	3231015	37.60%	2.851%
76	14.360	1956	1959	1961	rBV2	383059	386181	4.49%	0.341%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

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-BF013123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.377	1961	1962	1966	rVB	558840	451542	5.25%	0.398%
78	14.495	1978	1982	1985	rBV2	308363	442711	5.15%	0.391%
79	14.618	2001	2003	2005	rBV	218941	195003	2.27%	0.172%
80	14.660	2005	2010	2013	rVV	910623	1007492	11.72%	0.889%
81	14.695	2013	2016	2019	rVB	493233	446562	5.20%	0.394%
82	14.795	2030	2033	2035	rBV	433080	392863	4.57%	0.347%
83	14.818	2035	2037	2041	rVB2	478294	405657	4.72%	0.358%
84	14.871	2041	2046	2050	rVB2	280542	402663	4.69%	0.355%
85	14.989	2063	2066	2070	rBV2	172504	264184	3.07%	0.233%
86	15.201	2100	2102	2110	rVB2	248315	368074	4.28%	0.325%
87	15.271	2111	2114	2119	rBV4	145619	202208	2.35%	0.178%
88	15.389	2127	2134	2137	rBV	2383095	4477453	52.11%	3.951%
89	15.501	2149	2153	2157	rVB	540054	586396	6.82%	0.517%
90	15.595	2166	2169	2172	rBV2	142396	226884	2.64%	0.200%
91	15.724	2185	2191	2197	rVB	1573162	2460135	28.63%	2.171%
92	15.801	2197	2204	2208	rBV	2202880	3179213	37.00%	2.806%
93	15.860	2209	2214	2216	rVV	598498	859649	10.00%	0.759%
94	15.895	2216	2220	2226	rVB2	703553	1048409	12.20%	0.925%
95	16.483	2316	2320	2329	rVB4	164431	320813	3.73%	0.283%
96	17.506	2486	2494	2502	rVB2	880711	1882287	21.91%	1.661%
97	17.695	2521	2526	2532	rBV	168014	326712	3.80%	0.288%
98	17.765	2533	2538	2544	rBV2	136003	279116	3.25%	0.246%
99	18.006	2571	2579	2595	rVB	725994	1687480	19.64%	1.489%
100	18.259	2616	2622	2638	rVB	193294	507237	5.90%	0.448%

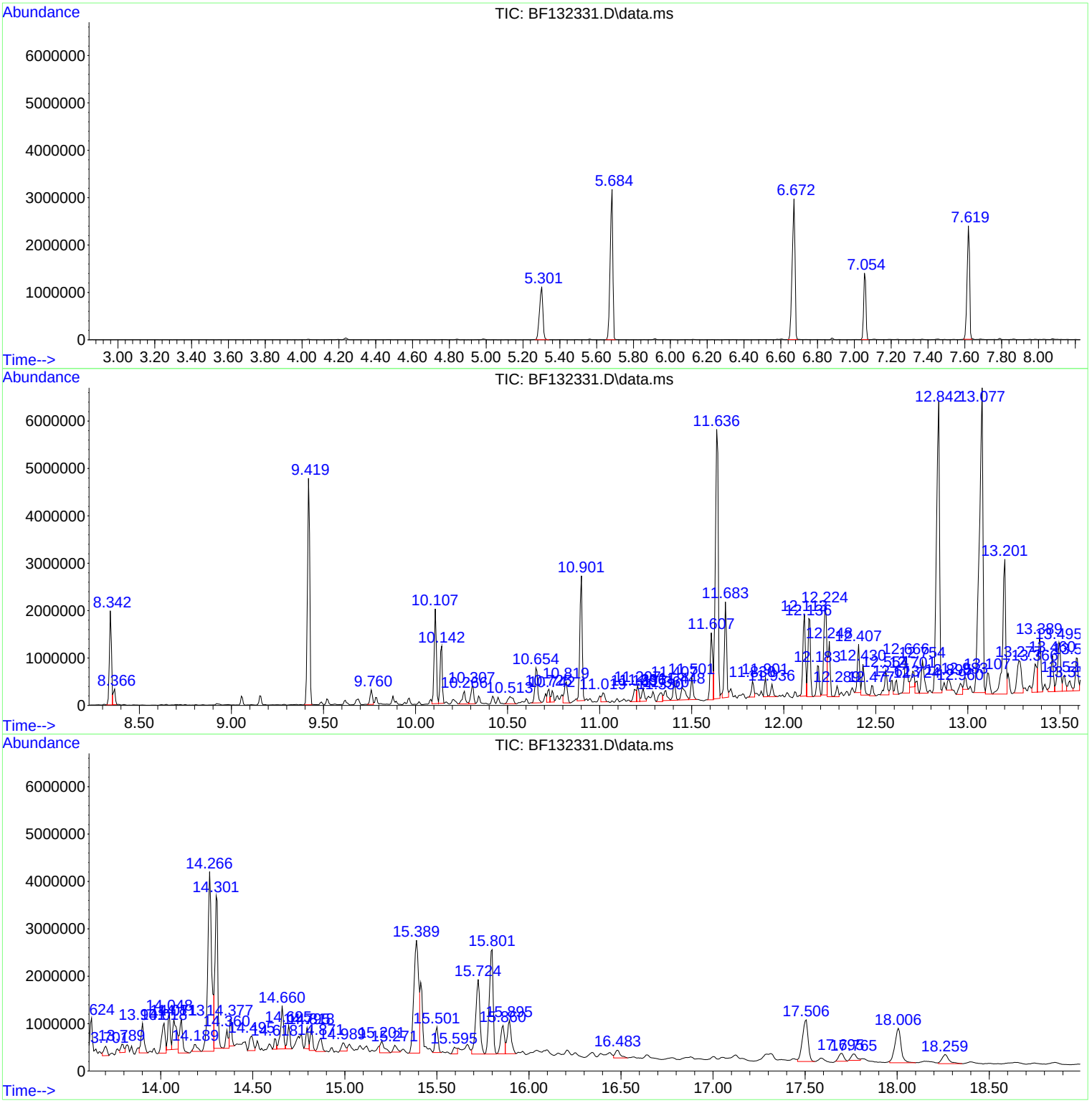
Sum of corrected areas: 113317281

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

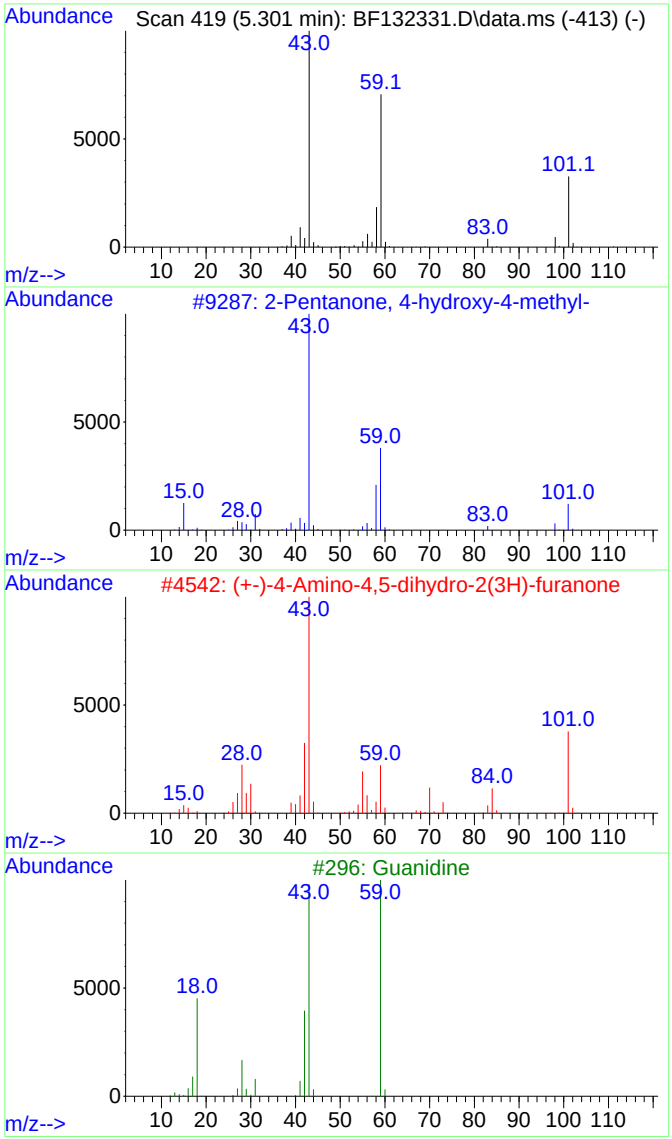
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

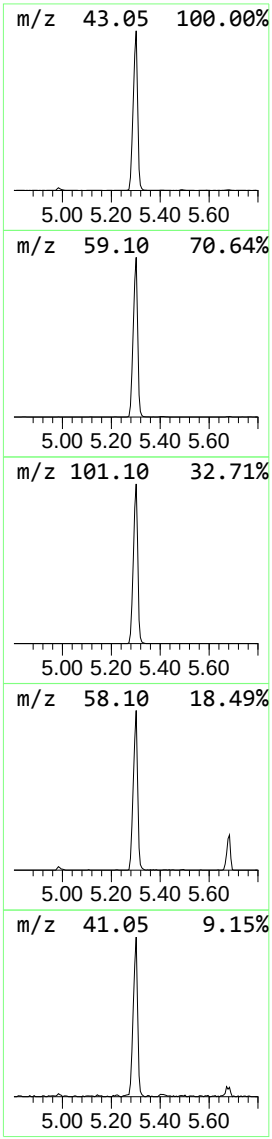
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.301	23.36 ng	1409300	1,4-Dichlorobenzene-d4	7.054

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

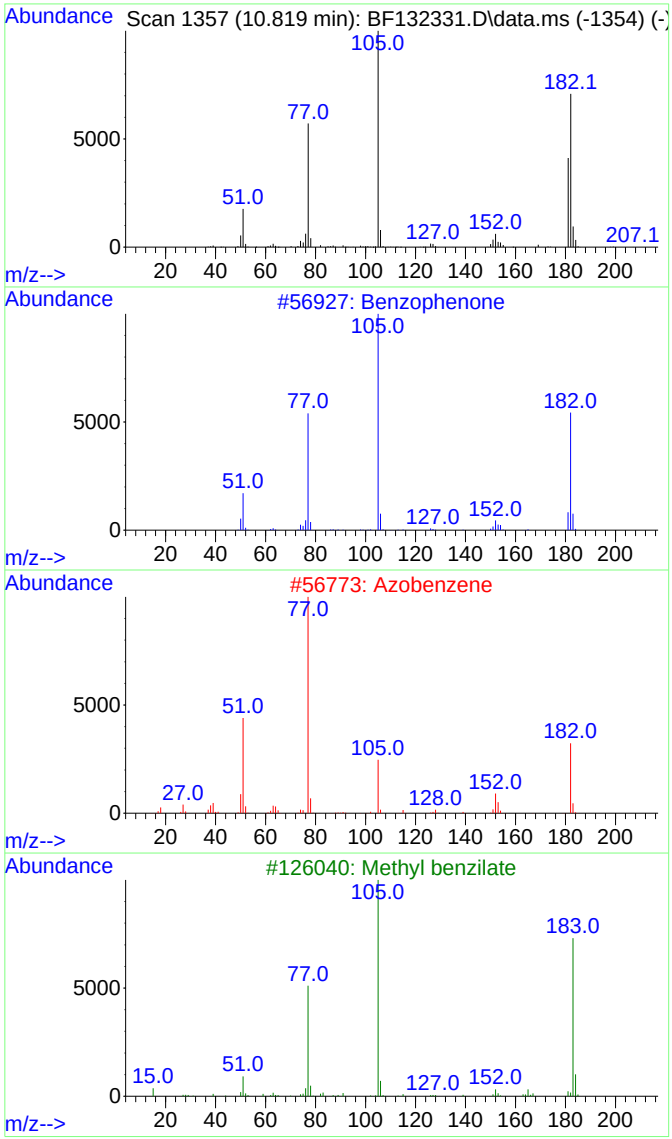
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

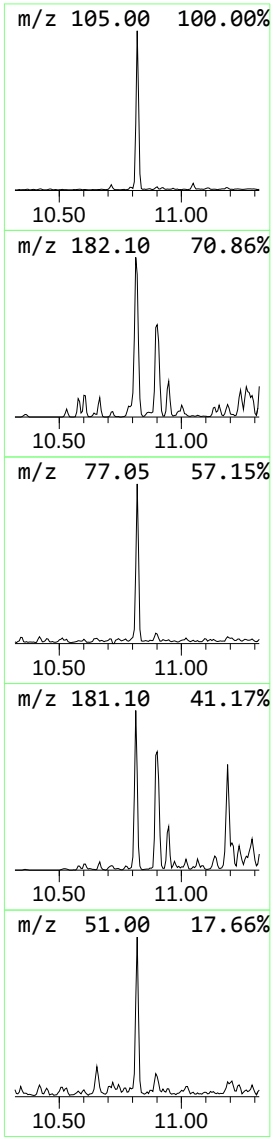
****

Peak Number 2 Benzophenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.819	5.94 ng	488483	Acenaphthene-d10	10.107

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Azobenzene	182	C12H10N2	000103-33-3	49
3	Methyl benzilate	242	C15H14O3	000076-89-1	38
4	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	27
5	Vinyl benzoate	148	C9H8O2	000769-78-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

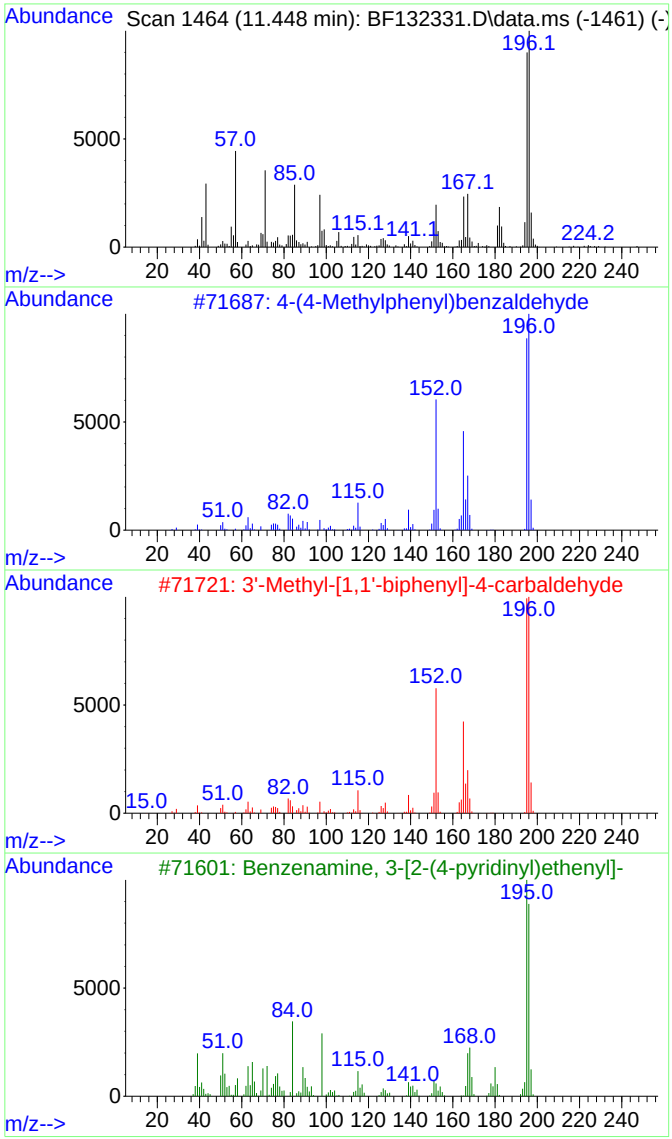
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

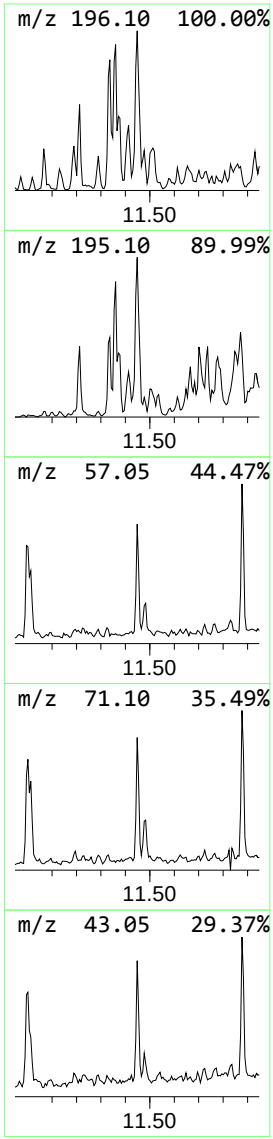
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-(4-Methylphenyl)benzaldehyde Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.448	6.12 ng	441207	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	70
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	70
3	Benzenamine, 3-[2-(4-pyridinyl)e...	196	C13H12N2	1000337-31-3	58
4	Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	55
5	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

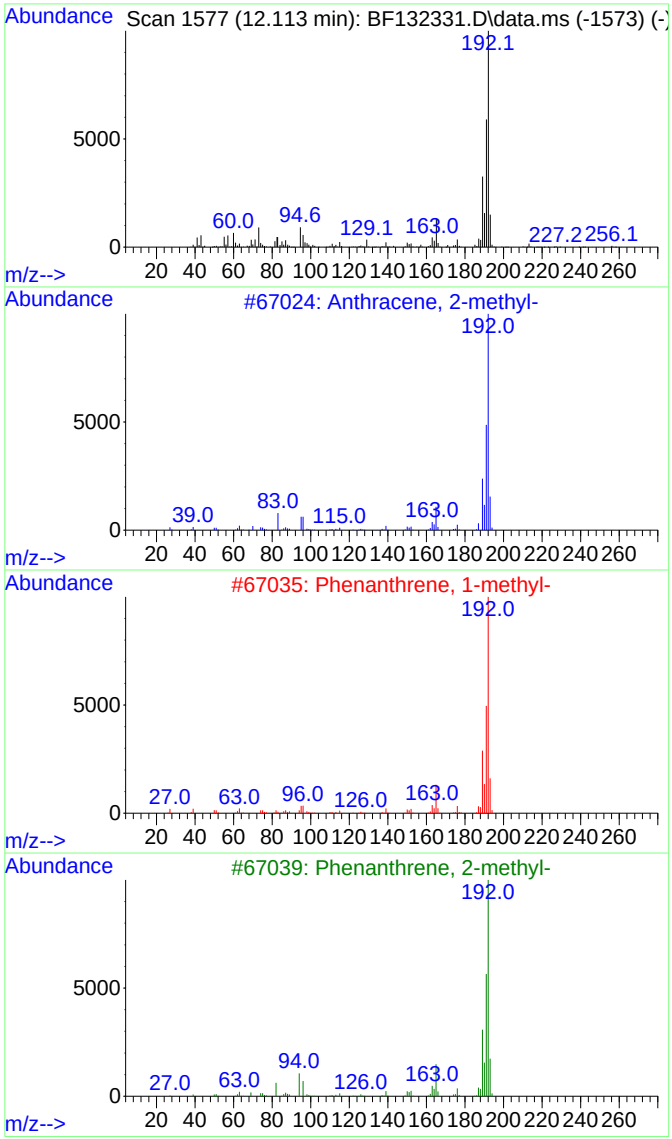
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

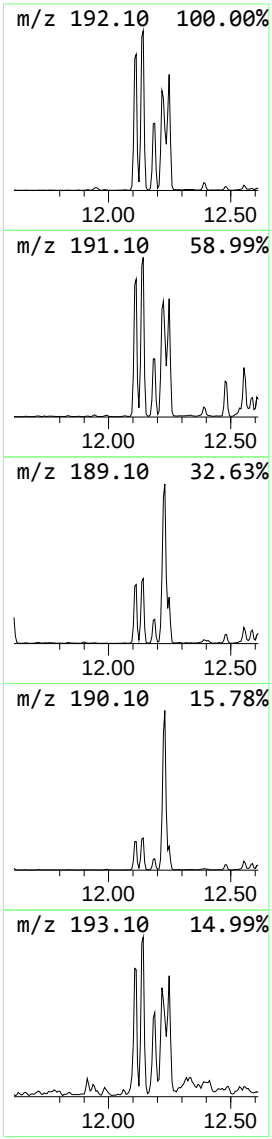
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.113	23.20 ng	1673460	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

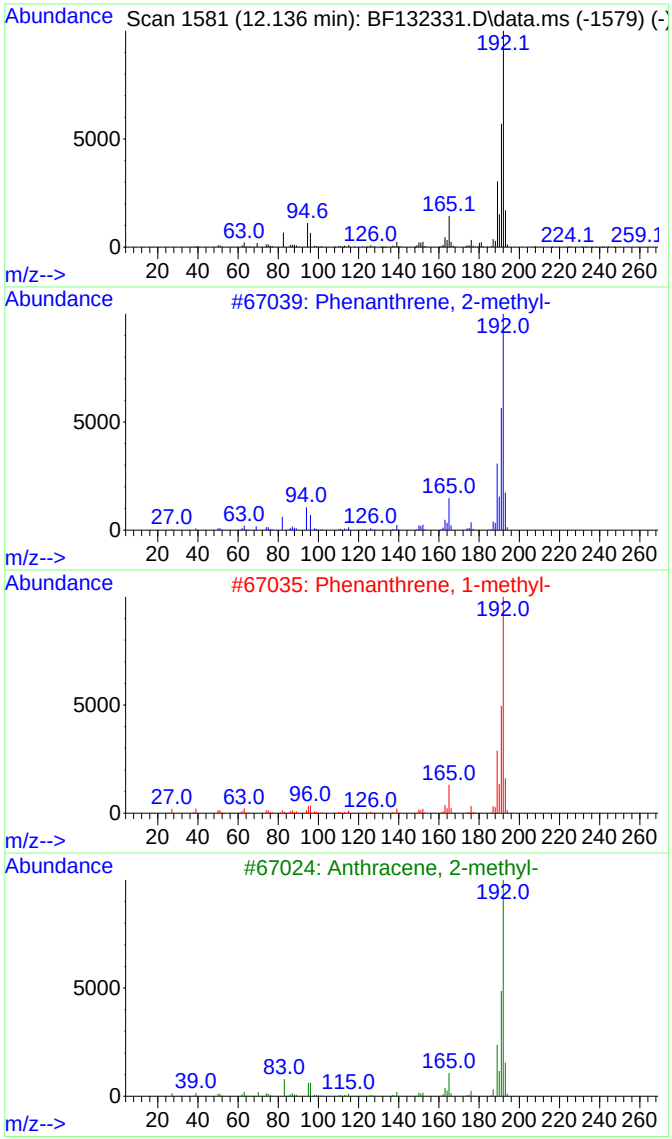
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

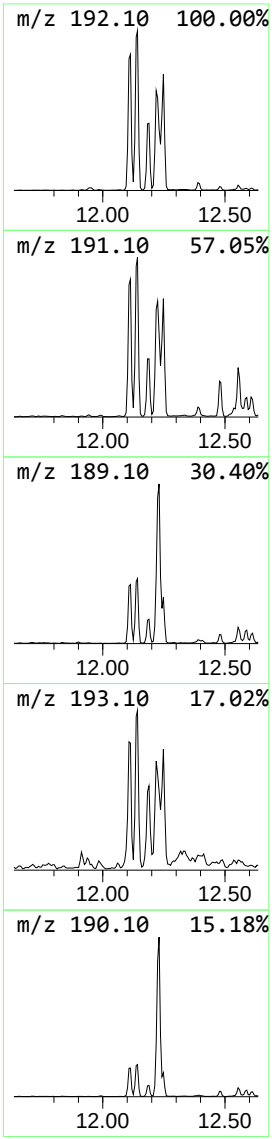
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.136	21.15 ng	1525510	Phenanthrene-d10	11.607

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	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

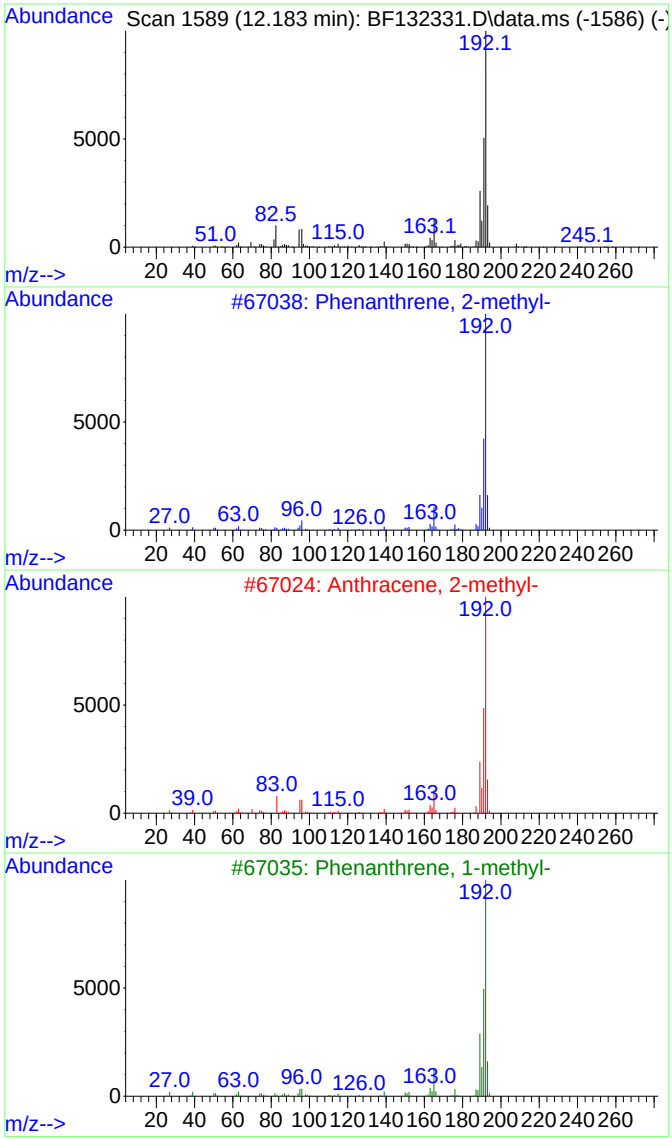
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

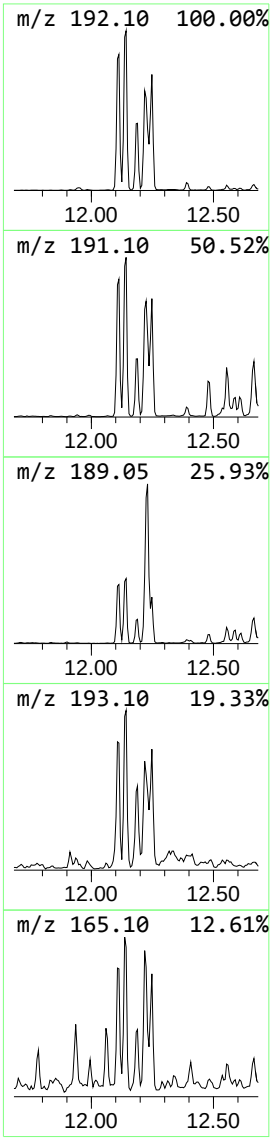
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.183	8.55 ng	616553	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

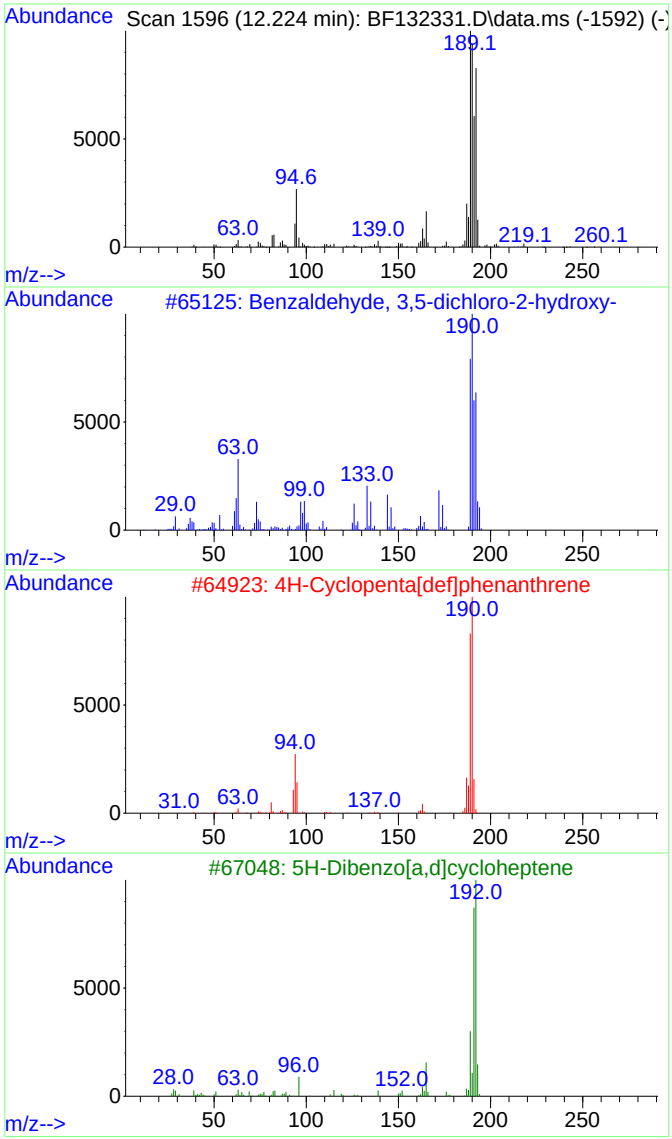
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

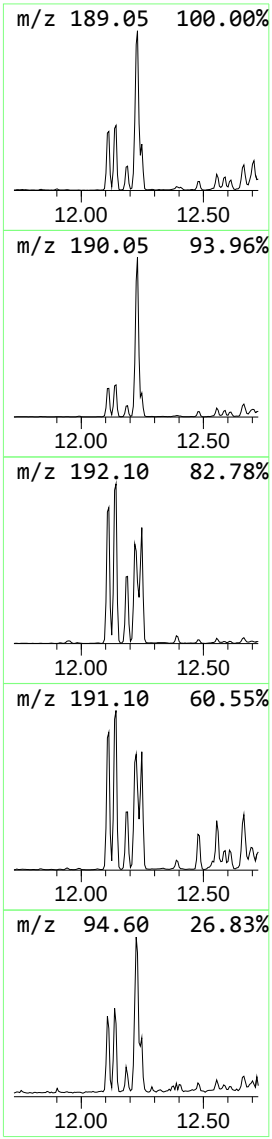
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.225	30.03 ng	2165920	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

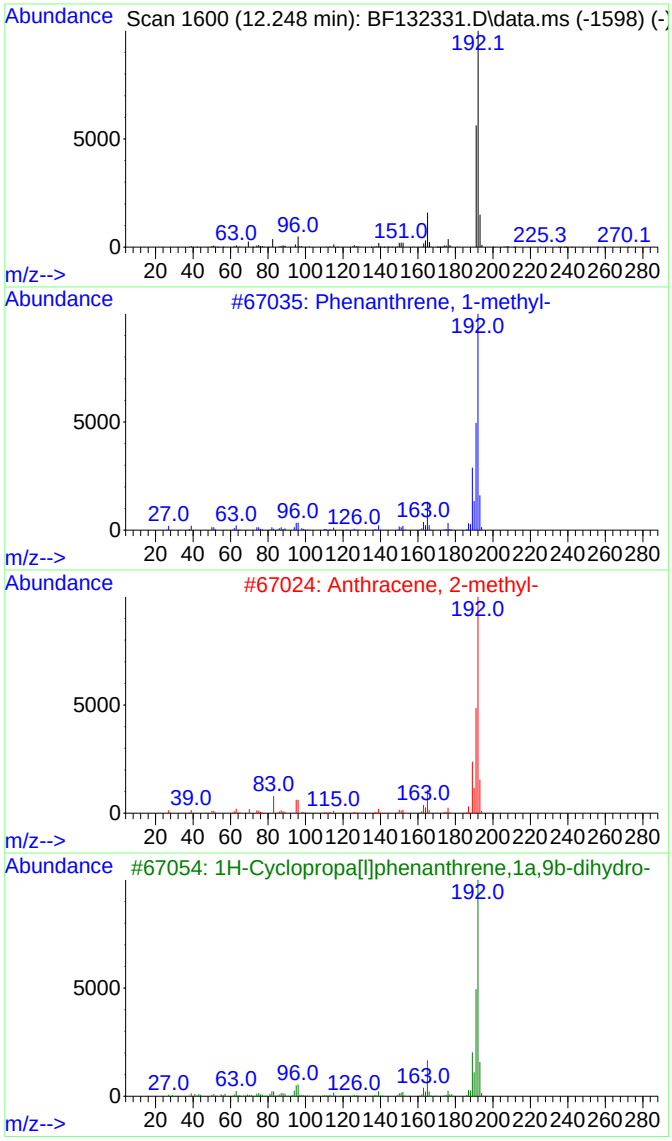
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

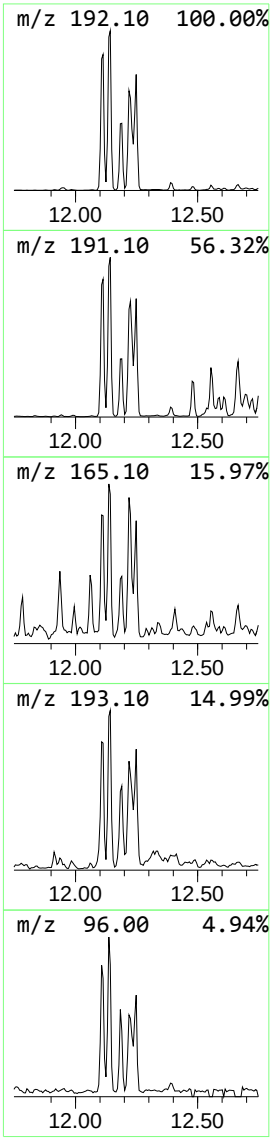
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.248	12.06 ng	869900	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

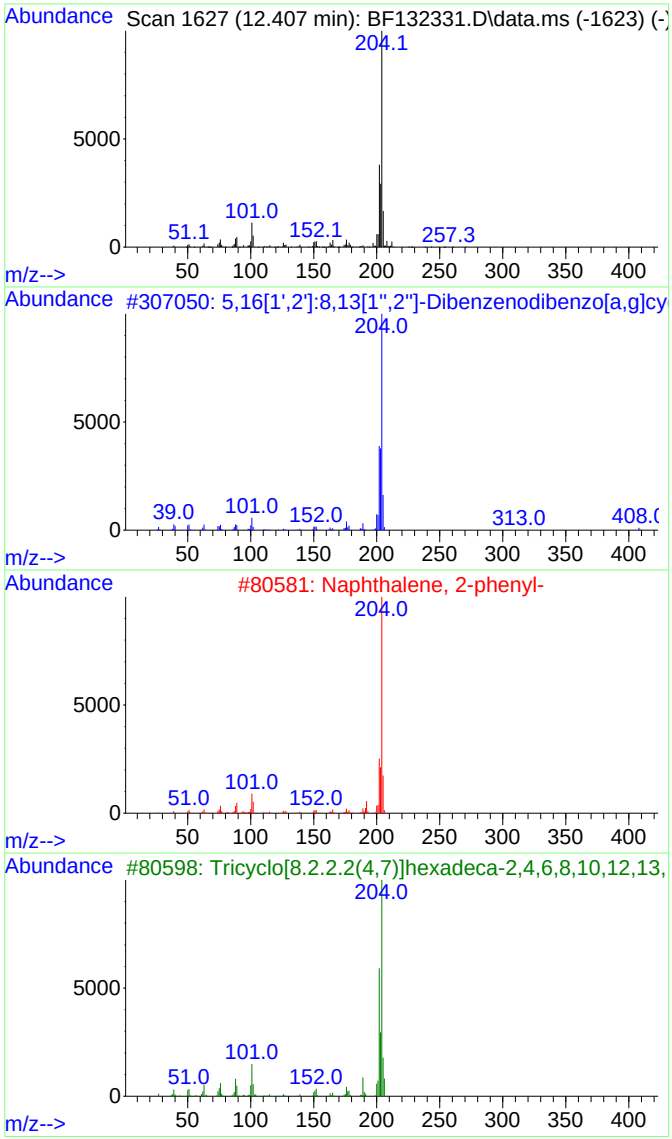
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

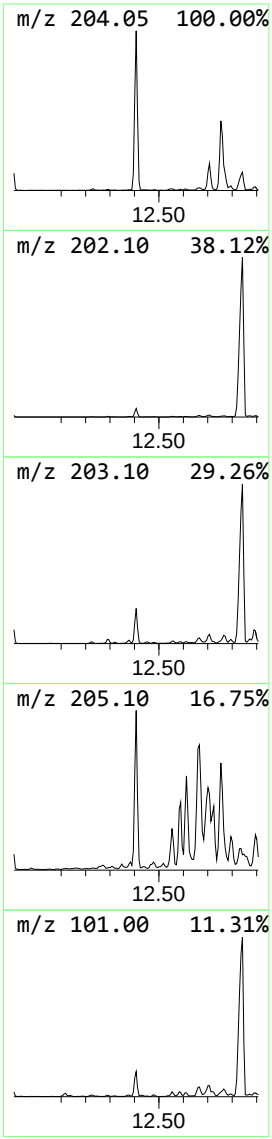
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.407	11.42 ng	823747	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

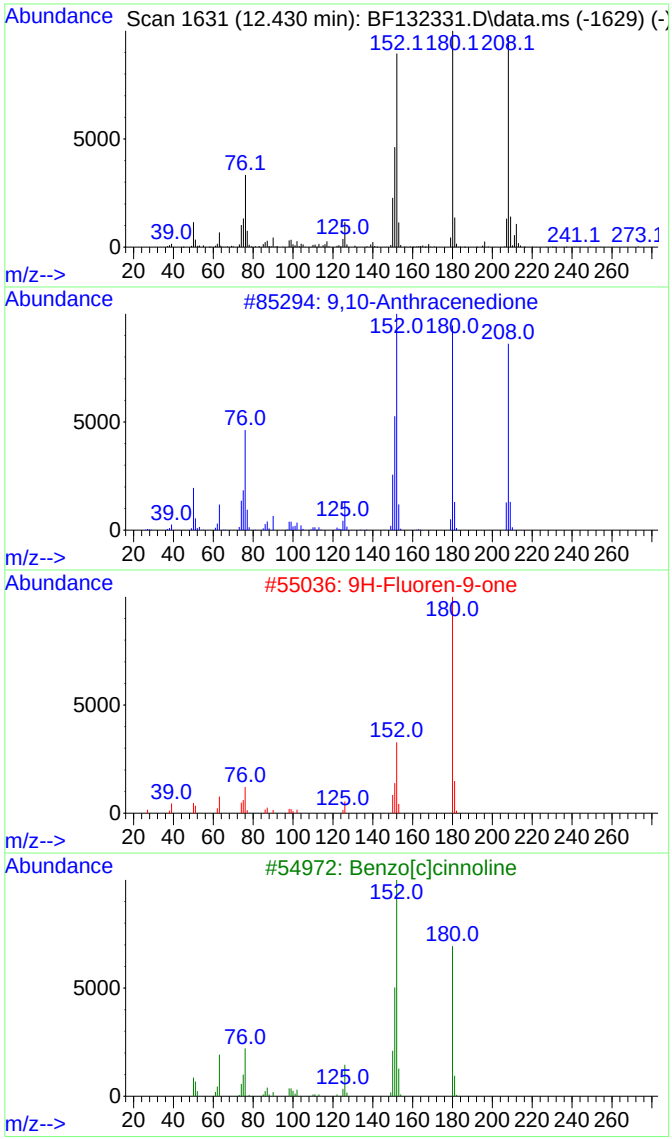
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

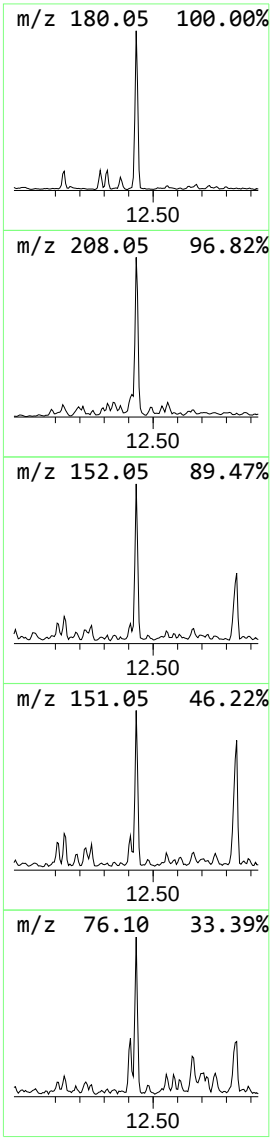
****

Peak Number 10 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.430	7.85 ng	566153	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

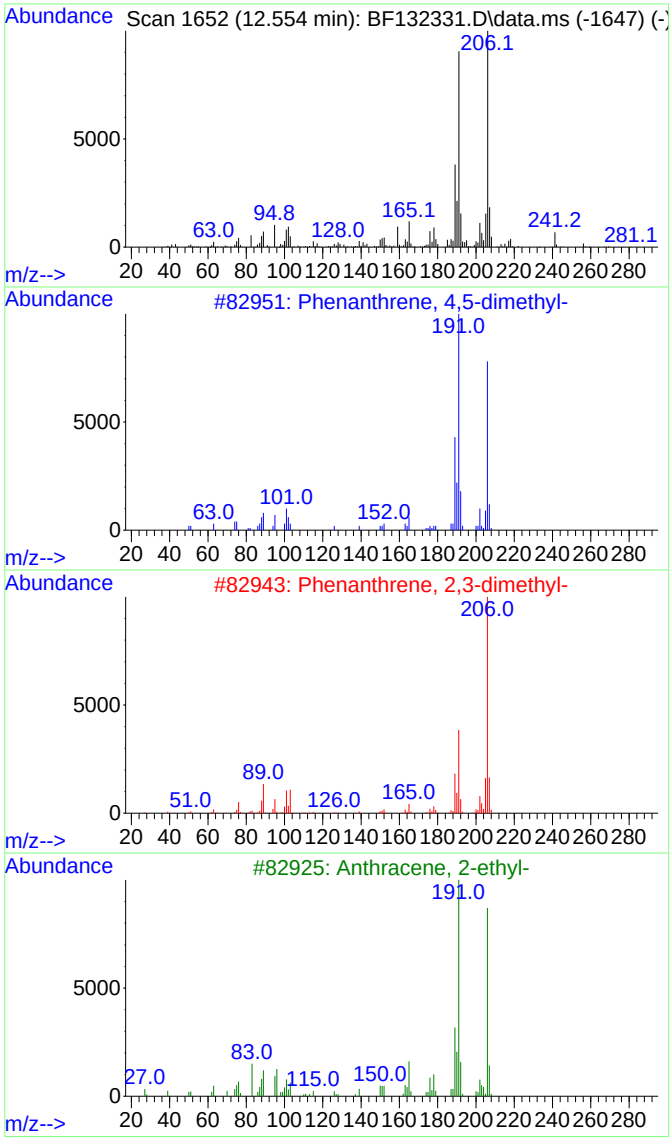
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

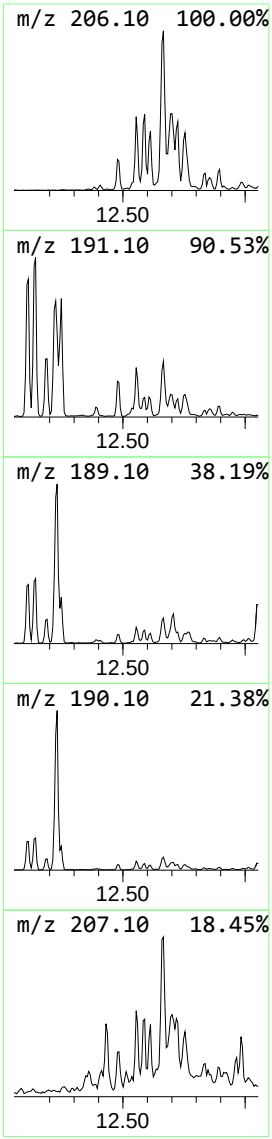
****

Peak Number 11 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.554	7.57 ng	546312	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	81
5	Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

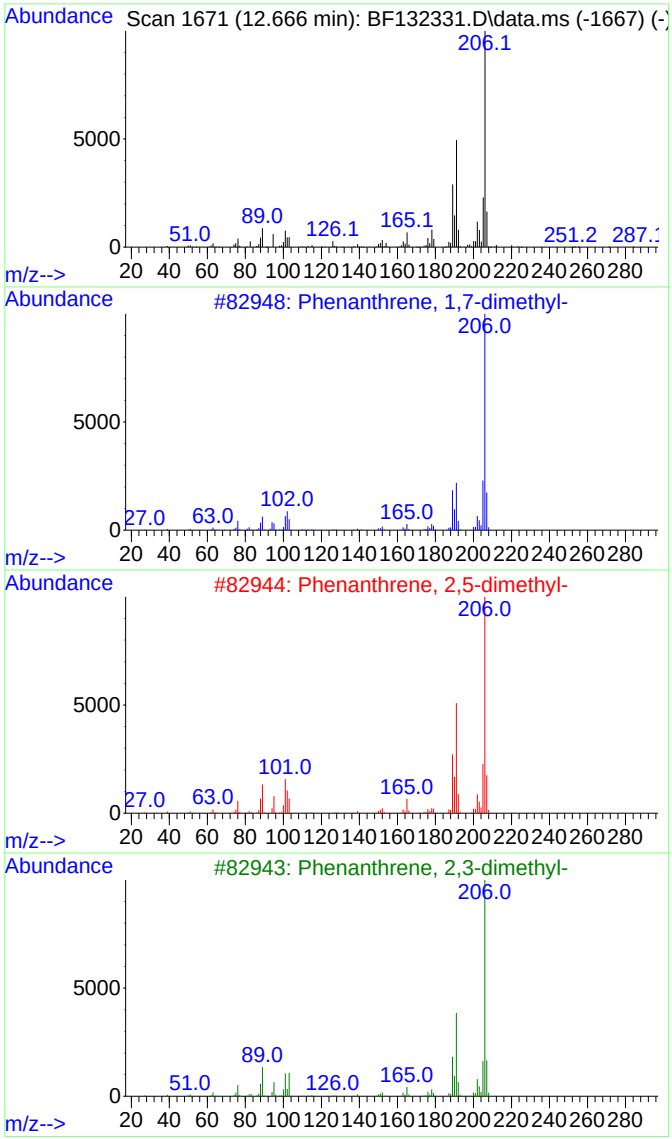
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

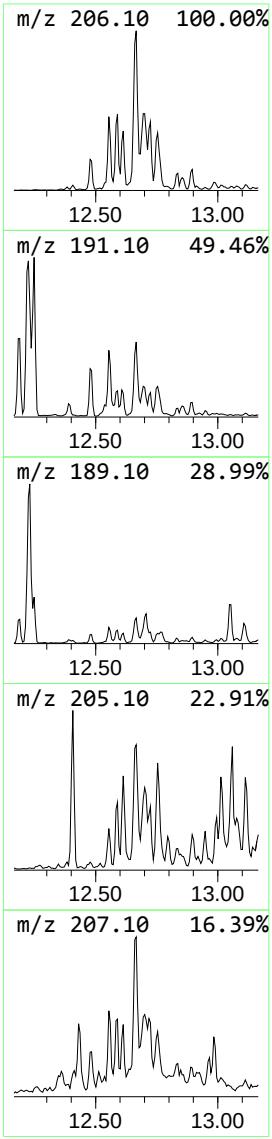
****

Peak Number 12 Phenanthrene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.666	13.01 ng	938565	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

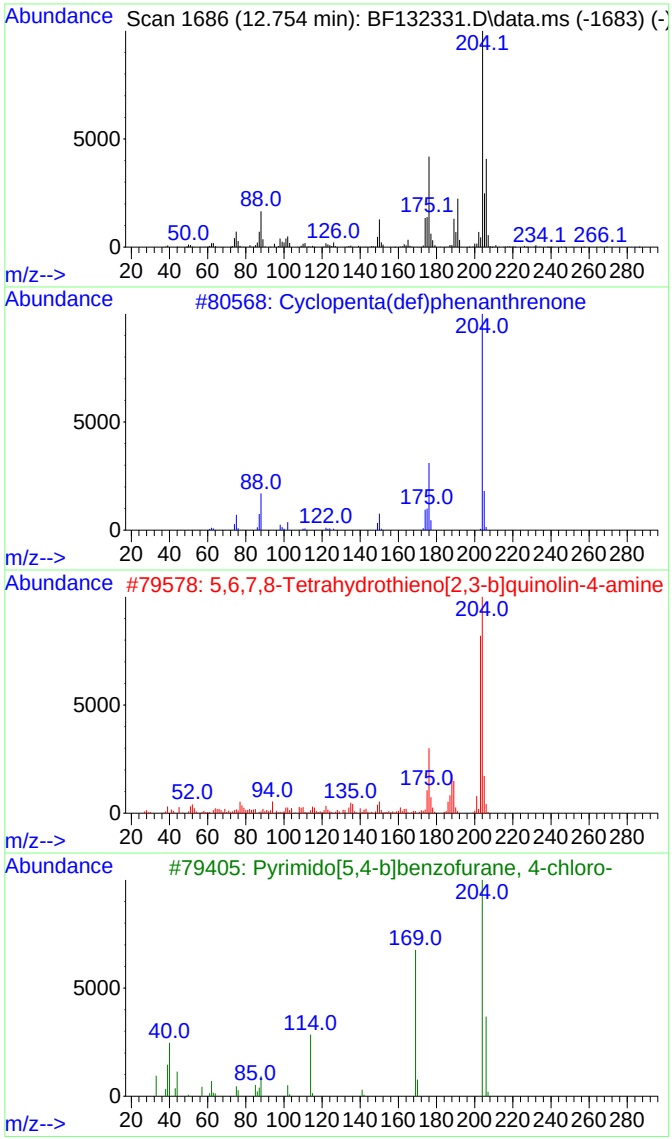
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

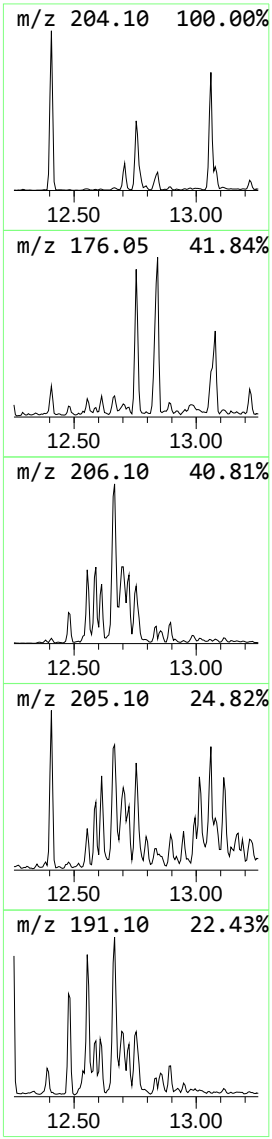
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.754	10.69 ng	771295	Phenanthrene-d10	11.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	43
3	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

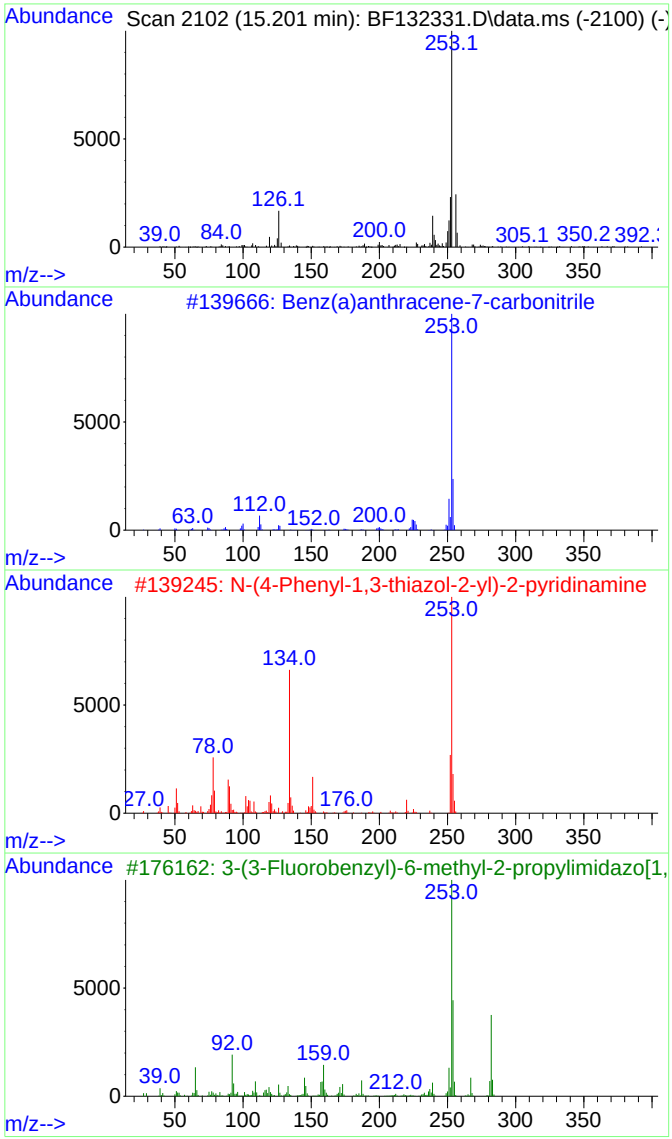
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

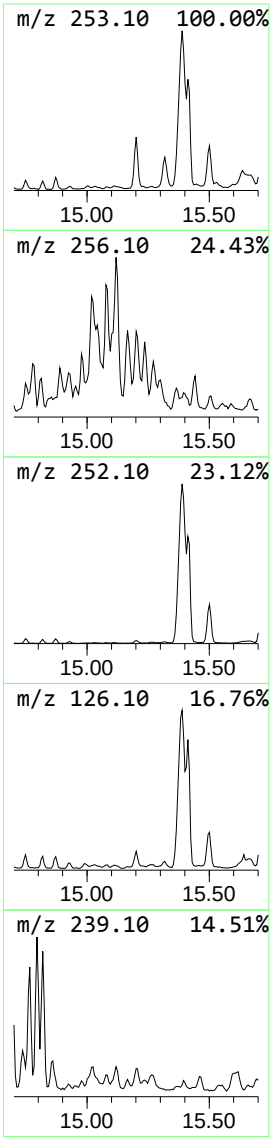
****

Peak Number 14 unknown15.201 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.201	8.56 ng	368074	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	37
2	N-(4-Phenyl-1,3-thiazol-2-yl)-2-...	253	C14H11N3S	1000485-04-5	28
3	3-(3-Fluorobenzyl)-6-methyl-2-pr...	282	C18H19FN2	1000457-96-1	10
4	1-(4-((tert-Butyldimethylsilyl)o...	310	C16H26O4Si	1000385-76-6	9
5	3-(4-Fluorophenyl)-1-phenyl-1H-p...	253	C15H12FN3	072411-53-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

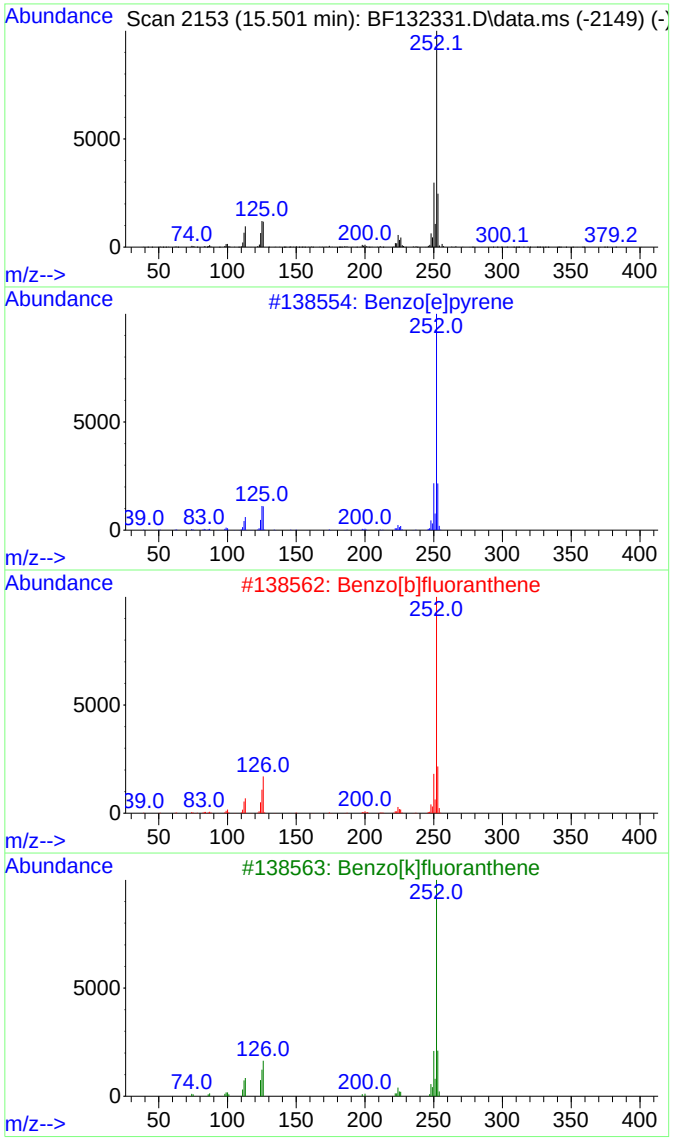
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

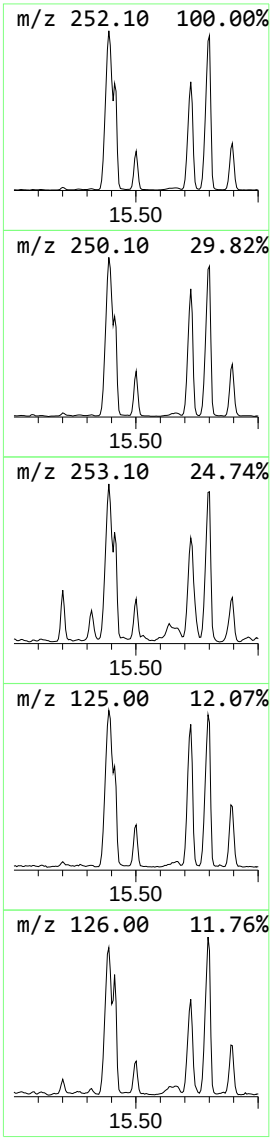
****

Peak Number 15 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.501	13.64 ng	586396	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

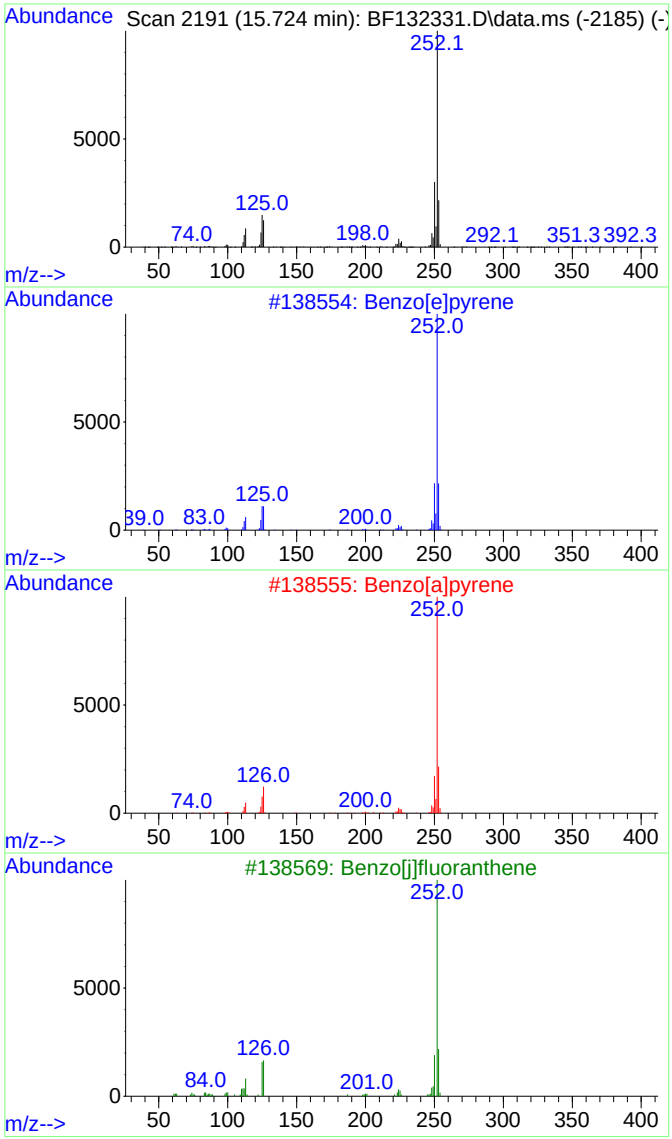
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

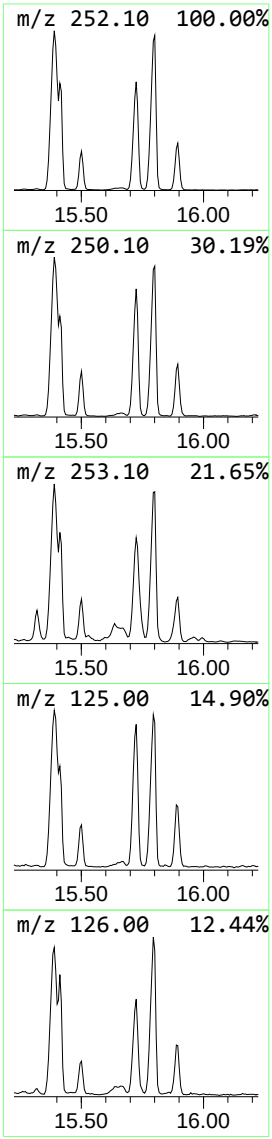
****

Peak Number 16 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.724	57.24 ng	2460140	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

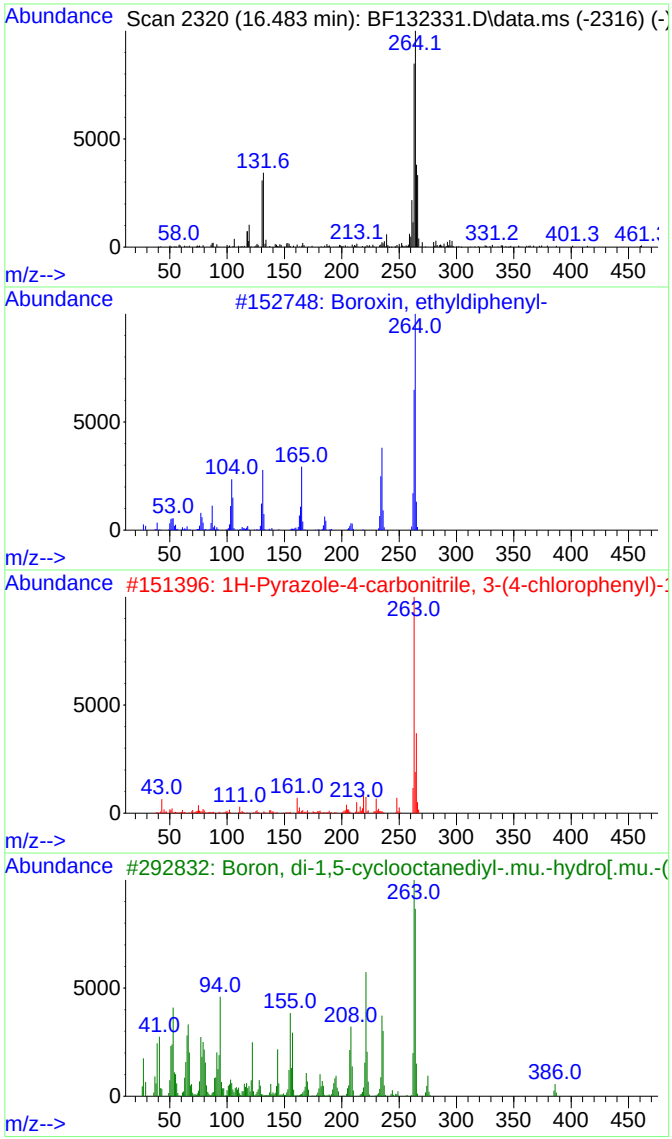
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

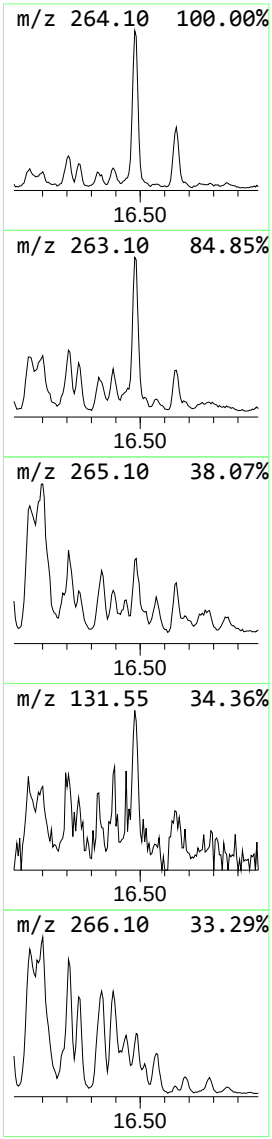
****

Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.483	7.46 ng	320813	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	50
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	38
3	Boron, di-1,5-cyclooctanediyl-.m...	386	C25H36B2N2	125878-54-8	37
4	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	32
5	4-Bromo-6,8-diazatricyclo[7.5.0....	264	C12H13BrN2	1000436-85-3	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

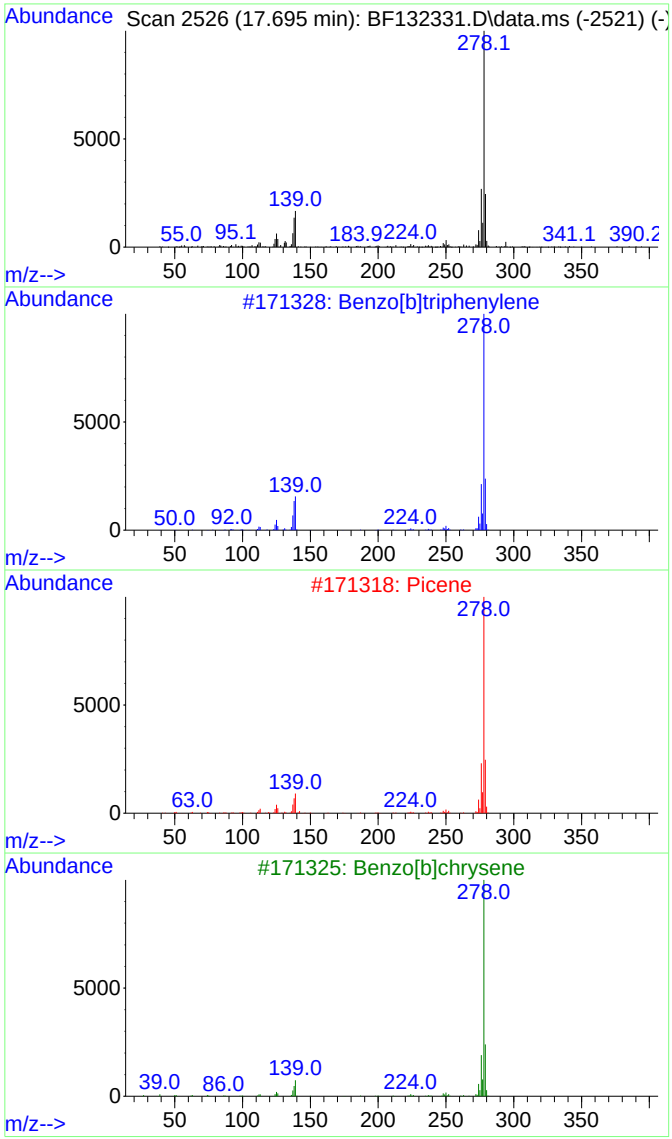
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

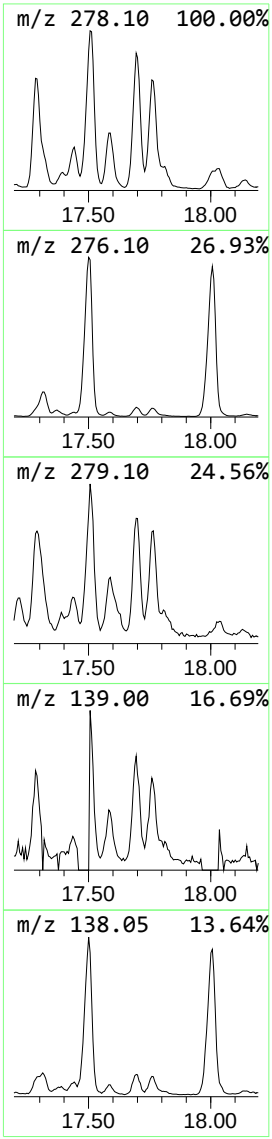
****

Peak Number 18 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.695	7.60 ng	326712	Perylene-d12	15.860

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

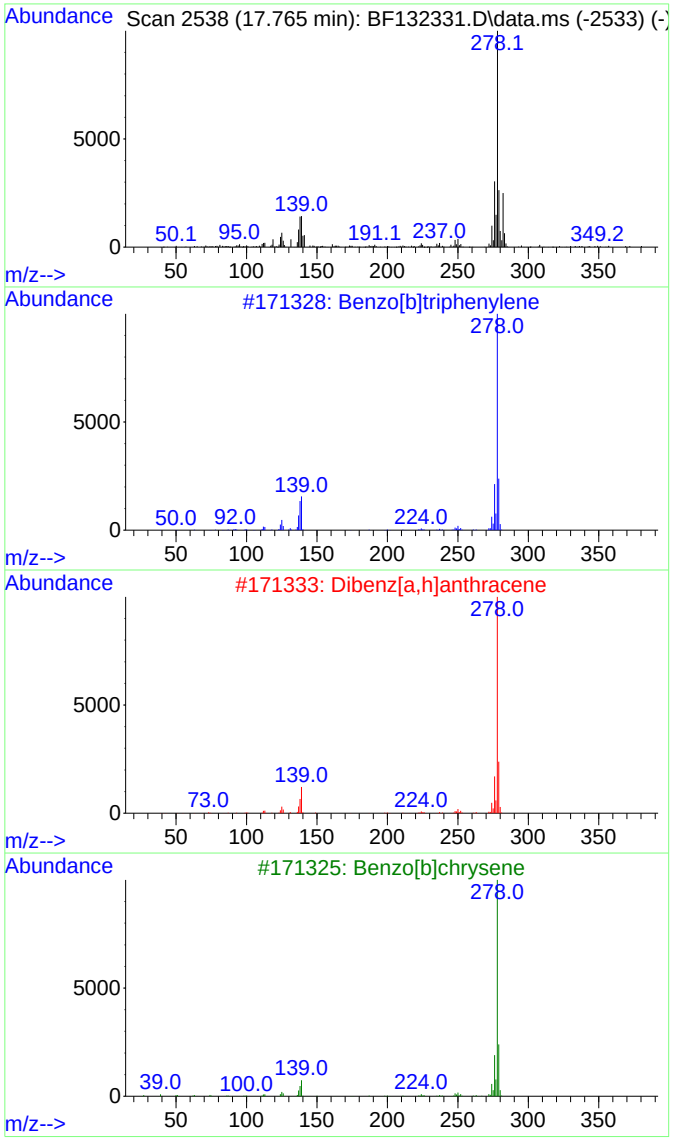
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

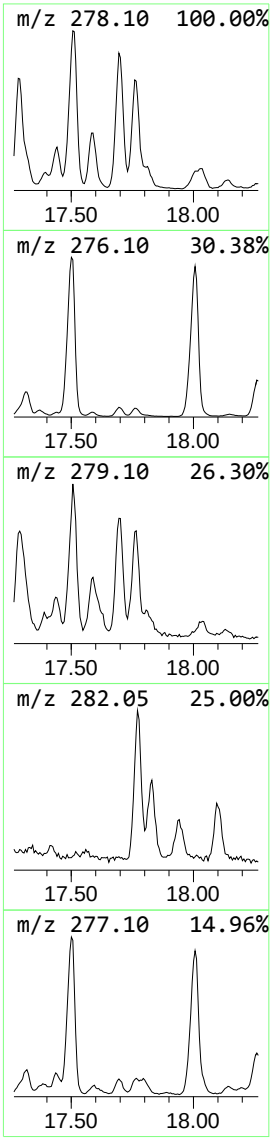
****

Peak Number 19 Benzo[b]chrysene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.765	6.49 ng	279116	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	97
2	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	95
3	Benzo[b]chrysene	278	C22H14	000214-17-5	95
4	Pentaphene	278	C22H14	000222-93-5	95
5	Picene	278	C22H14	000213-46-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

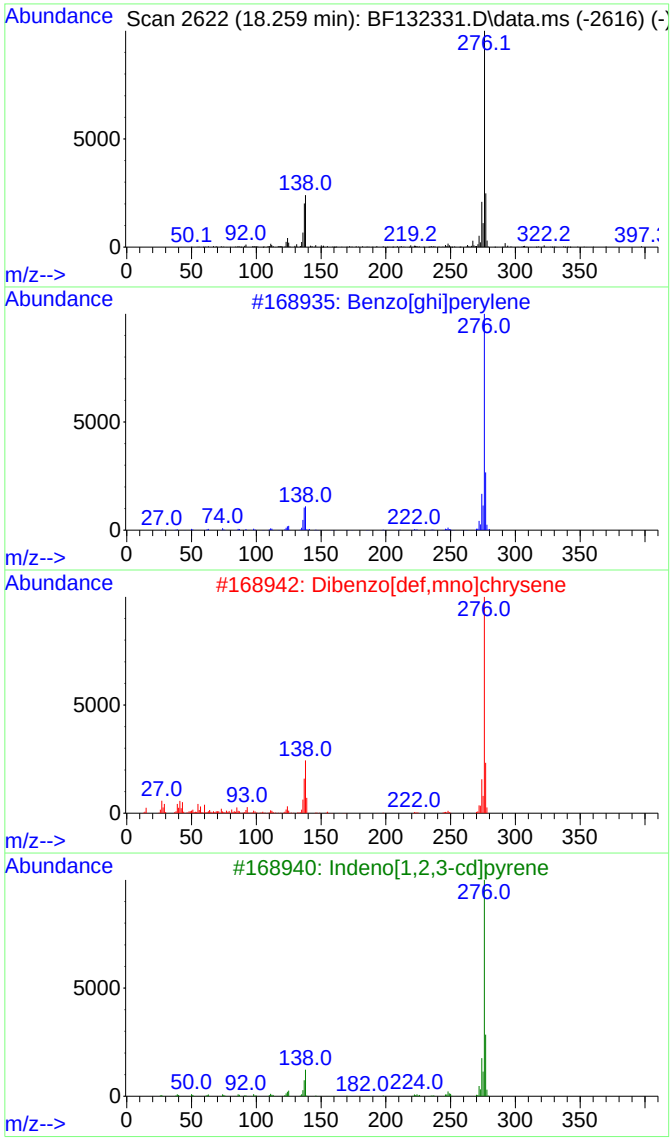
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

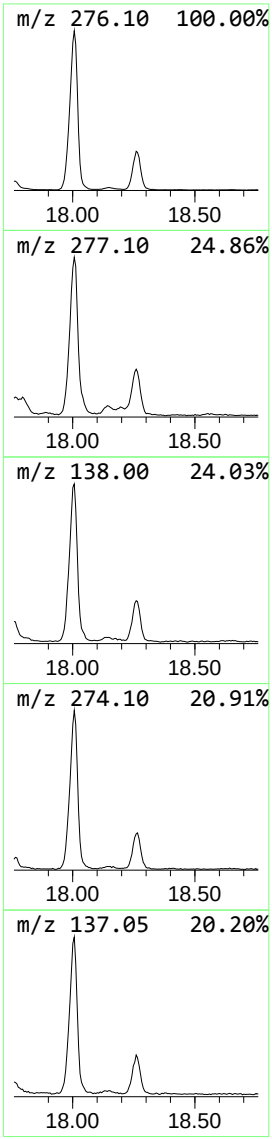
****

Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.259	11.80 ng	507237	Perylene-d12	15.860

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	96
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	93
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	64
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
Data File : BF132331.D
Acq On : 03 Feb 2023 20:10
Operator : CG\JU
Sample : 01418-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JPP-20-020223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.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-...	5.301	23.4	ng	1409300	1	7.054	1206840	20.0
Benzophenone	10.819	5.9	ng	488483	3	10.107	1645550	20.0
4-(4-Methylphen...	11.448	6.1	ng	441207	4	11.607	1442580	20.0
Anthracene, 2-m...	12.113	23.2	ng	1673460	4	11.607	1442580	20.0
Phenanthrene, 2...	12.136	21.1	ng	1525510	4	11.607	1442580	20.0
Phenanthrene, 1...	12.183	8.6	ng	616553	4	11.607	1442580	20.0
Benzaldehyde, 3...	12.225	30.0	ng	2165920	4	11.607	1442580	20.0
1H-Cyclopropa[1...	12.248	12.1	ng	869900	4	11.607	1442580	20.0
5,16[1',2']:8,1...	12.407	11.4	ng	823747	4	11.607	1442580	20.0
9,10-Anthracene...	12.430	7.8	ng	566153	4	11.607	1442580	20.0
Phenanthrene, 4...	12.554	7.6	ng	546312	4	11.607	1442580	20.0
Phenanthrene, 1...	12.666	13.0	ng	938565	4	11.607	1442580	20.0
Cyclopenta(def)...	12.754	10.7	ng	771295	4	11.607	1442580	20.0
unknown15.201	15.201	8.6	ng	368074	6	15.860	859649	20.0
Benzo[e]pyrene	15.501	13.6	ng	586396	6	15.860	859649	20.0
Benzo[j]fluoran...	15.724	57.2	ng	2460140	6	15.860	859649	20.0
Boroxin, ethyld...	16.483	7.5	ng	320813	6	15.860	859649	20.0
Benzo[b]triphen...	17.695	7.6	ng	326712	6	15.860	859649	20.0
Benzo[b]chrysene	17.765	6.5	ng	279116	6	15.860	859649	20.0
Dibenzo[def,mno...	18.259	11.8	ng	507237	6	15.860	859649	20.0