LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HH-TP1-0306

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF132683.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	444	450	462	rVB	1731533	2438431	48.35%	4.064%
2	5.622	511	516	519	rBV	4314998	4586313	90.94%	7.645%
3	6.616	680	685	688	rBV	3902009	4637096	91.95%	7.729%
4	6.987	744	748	752	rBV	1346400	1056271	20.95%	1.761%
5	7.557	839	845	848	rBV	3054274	3129650	62.06%	5.217%
6	8.275	963	967	970	rBV	1574742	1378086	27.33%	2.297%
7	9.351	1145	1150	1153	rBV	5530747	5043059	100.00%	8.406%
8	9.687	1200	1207	1210	rBV	53761	63243	1.25%	0.105%
9	10.034	1262	1266	1269	rBV	1927546	1543673	30.61%	2.573%
10	10.063	1269	1271	1275	rVB	222559	179967	3.57%	0.300%
11	10.239	1295	1301	1304	rBV2	82953	88964	1.76%	0.148%
12	10.581	1356	1359	1363	rBV	216490	187451	3.72%	0.312%
13	10.745	1384	1387	1391	rVB2	215156	215109	4.27%	0.359%
14	10.828	1397	1401	1405	rBV	3529503	3582143	71.03%	5.971%
15	10.951	1414	1422	1427	rVB7	26220	65541	1.30%	0.109%
16	11.134	1446	1453	1455	rBV2	70358	82929	1.64%	0.138%
17	11.257	1470	1474	1476	rBV2	49262	56805	1.13%	0.095%
18	11.334	1483	1487	1490	rVB	123678	107755	2.14%	0.180%
19	11.369	1490	1493	1497	rVV	59722	68790	1.36%	0.115%
20	11.422	1500	1502	1507	rVB	122391	115881	2.30%	0.193%
21	11.528	1516	1520	1522	rBV	1716161	1616340	32.05%	2.694%
22	11.557	1522	1525	1528	rVB	2641221	2252841	44.67%	3.755%
23	11.604	1528	1533	1536	rBV	801355	651829	12.93%	1.086%
24	11.757	1553	1559	1565	rBV3	101971	144987	2.87%	0.242%
25	12.039	1602	1607	1609	rBV2	393988	536351	10.64%	0.894%
26	12.057	1609	1610	1614	rVV	397585	324813	6.44%	0.541%
27	12.110	1616	1619	1621	rVV	149184	140214	2.78%	0.234%
28	12.145	1621	1625	1628	rVV2	471531	538618	10.68%	0.898%
29	12.169	1628	1629	1633	rVB	177293	89325	1.77%	0.149%
30	12.328	1653	1656	1658	rBV	234746	185794	3.68%	0.310%
31	12.357	1658	1661	1665	rVB	197700	165547	3.28%	0.276%
32	12.580	1693	1699	1704	rBV	115114	173627	3.44%	0.289%
33	12.675	1712	1715	1720	rVB2	198759	190626	3.78%	0.318%
34	12.751	1724	1728	1732	rBV	3080045	3083860	61.15%	5.140%
35	12.810	1736	1738	1740	rBV	61198	57944	1.15%	0.097%
36	12.904	1751	1754	1757	rVB2	83753	72071	1.43%	0.120%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

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-BF022223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.986	1761	1768	1771	rBV2	2844628	3134916	62.16%	5.225%
38	13.028	1772	1775	1780	rVB2	144895	141646	2.81%	0.236%
39	13.122	1783	1791	1794	rBV	5022153	4991509	98.98%	8.320%
40	13.198	1799	1804	1808	rBV2	171418	292945	5.81%	0.488%
41	13.286	1815	1819	1820	rBV2	142578	163646	3.24%	0.273%
42	13.310	1820	1823	1826	rVB	312967	303964	6.03%	0.507%
43	13.375	1831	1834	1837	rBV	195934	170405	3.38%	0.284%
44	13.416	1837	1841	1843	rVV2	235283	270225	5.36%	0.450%
45	13.439	1843	1845	1848	rVB	75591	66504	1.32%	0.111%
46	13.510	1854	1857	1859	rBV	127291	108855	2.16%	0.181%
47	13.539	1859	1862	1865	rVV3	107790	112100	2.22%	0.187%
48	13.822	1907	1910	1914	rVB	224617	199241	3.95%	0.332%
49	13.933	1925	1929	1932	rBV2	206211	242571	4.81%	0.404%
50	13.963	1932	1934	1936	rVV	212461	167714	3.33%	0.280%
51	14.004	1936	1941	1944	rVV4	429392	672075	13.33%	1.120%
52	14.033	1944	1946	1950	rVB	250458	225934	4.48%	0.377%
53	14.180	1967	1971	1975	rBV2	1451815	2219538	44.01%	3.700%
54	14.216	1975	1977	1984	rVB	1037763	882209	17.49%	1.471%
55	14.298	1988	1991	1993	rVB	182455	153625	3.05%	0.256%
56	14.333	1994	1997	2002	rBV5	57280	73067	1.45%	0.122%
57	14.416	2007	2011	2014	rVB2	92298	127103	2.52%	0.212%
58	14.574	2034	2038	2041	rVB	173424	174150	3.45%	0.290%
59	14.610	2041	2044	2046	rBV	87791	70529	1.40%	0.118%
60	14.704	2058	2060	2062	rBV	84929	70805	1.40%	0.118%
61	14.727	2062	2064	2067	rVB2	86472	70880	1.41%	0.118%
62	14.774	2069	2072	2075	rVB2	44843	62604	1.24%	0.104%
63	14.904	2091	2094	2097	rBV3	53305	57761	1.15%	0.096%
64	15.098	2123	2127	2135	rVB3	78586	156896	3.11%	0.262%
65	15.274	2152	2157	2160	rBV	837251	1348983	26.75%	2.249%
66	15.386	2173	2176	2181	rBV	149570	166805	3.31%	0.278%
67	15.486	2189	2193	2199	rBV3	48737	116002	2.30%	0.193%
68	15.598	2208	2212	2218	rVB	468243	644937	12.79%	1.075%
69	15.669	2219	2224	2229	rBV	673109	885161	17.55%	1.475%
70	15.733	2230	2235	2239	rVV2	795202	1095003	21.71%	1.825%
71	15.769	2239	2241	2248	rVB	221344	272834	5.41%	0.455%
72	16.204	2310	2315	2320	rBV4	40842	82176	1.63%	0.137%
73	17.321	2499	2505	2515	rBV2	317033	608681	12.07%	1.015%
74	17.804	2581	2587	2599	rVB	243625	537580	10.66%	0.896%

Sum of corrected areas: 59993523

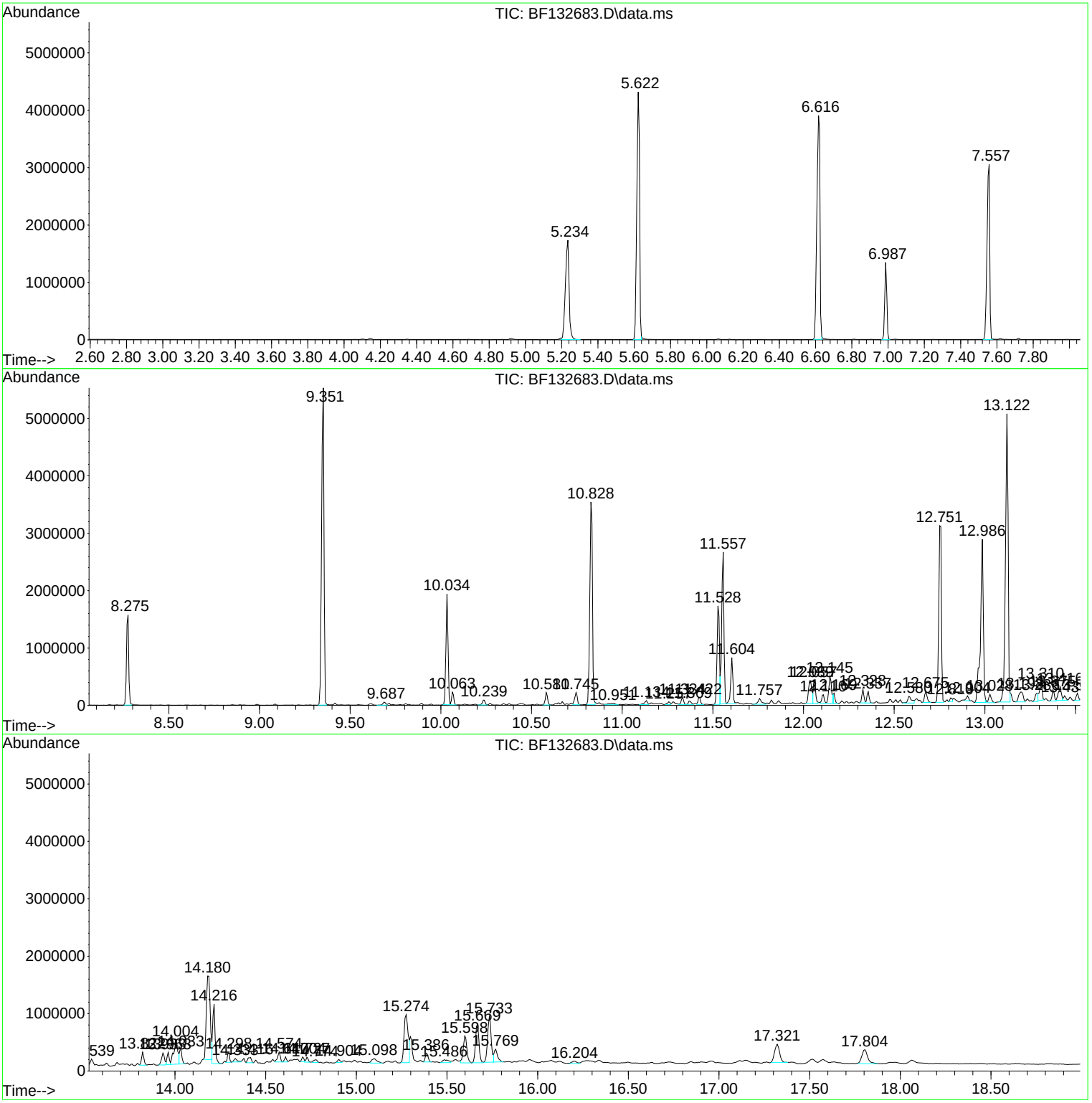
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

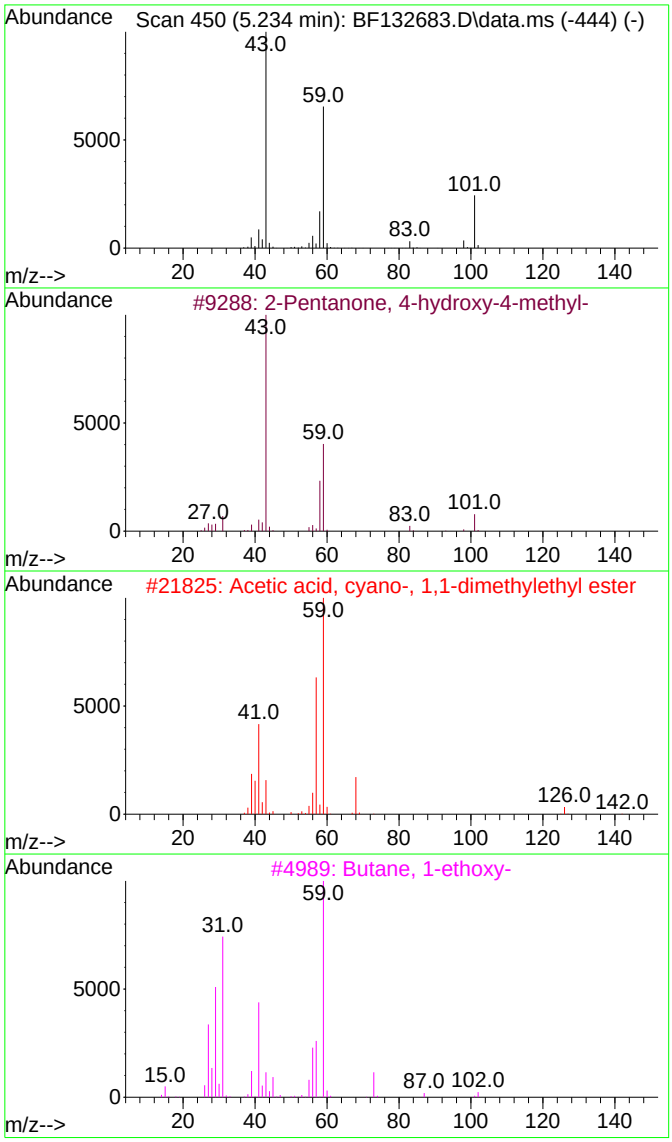
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

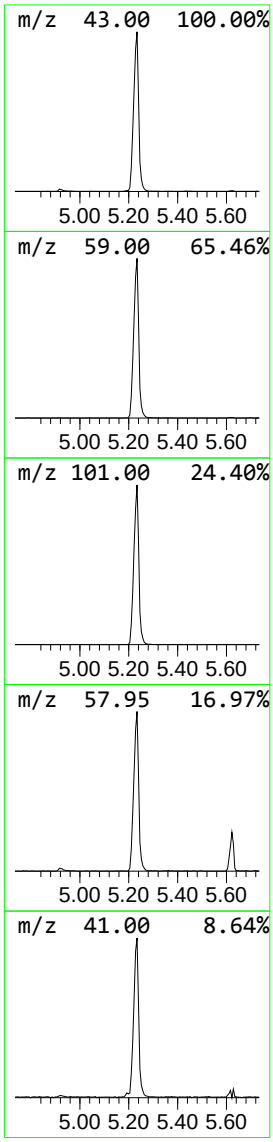
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.234	46.17 ng	2438430	1,4-Dichlorobenzene-d4	6.987

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

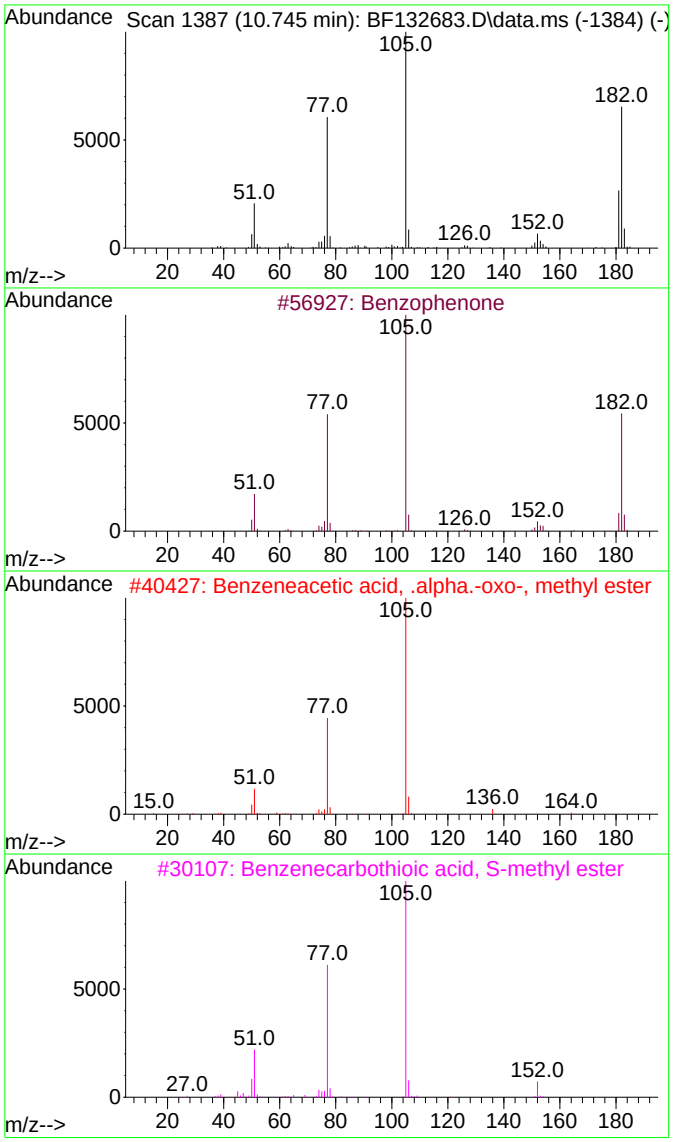
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

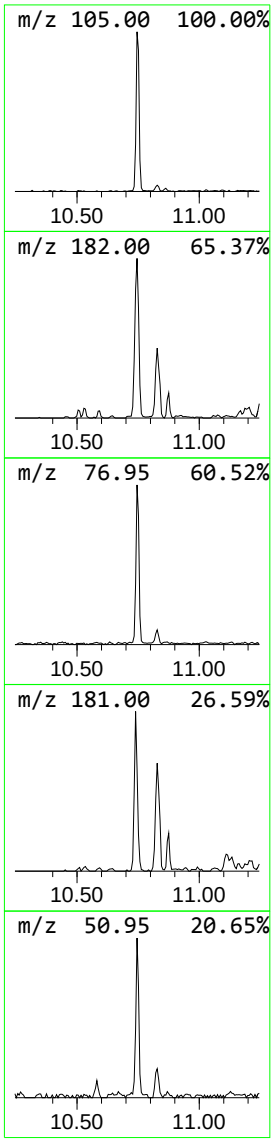
****

Peak Number 2 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.745	2.79 ng	215109	Acenaphthene-d10	10.034

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	50
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	43
5	2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

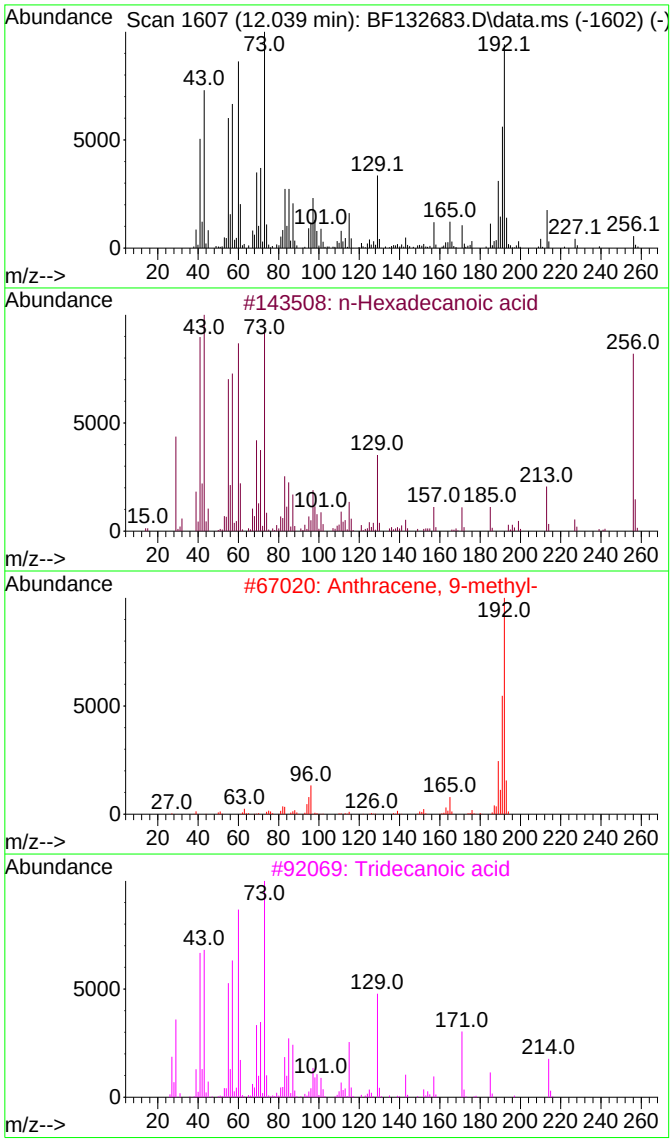
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

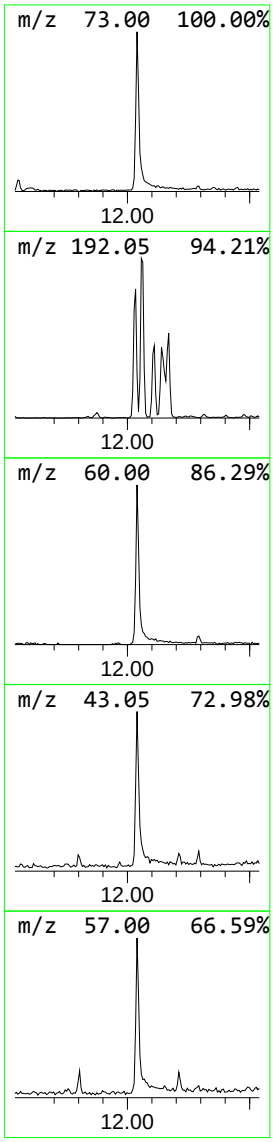
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	6.64 ng	536351	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	92
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

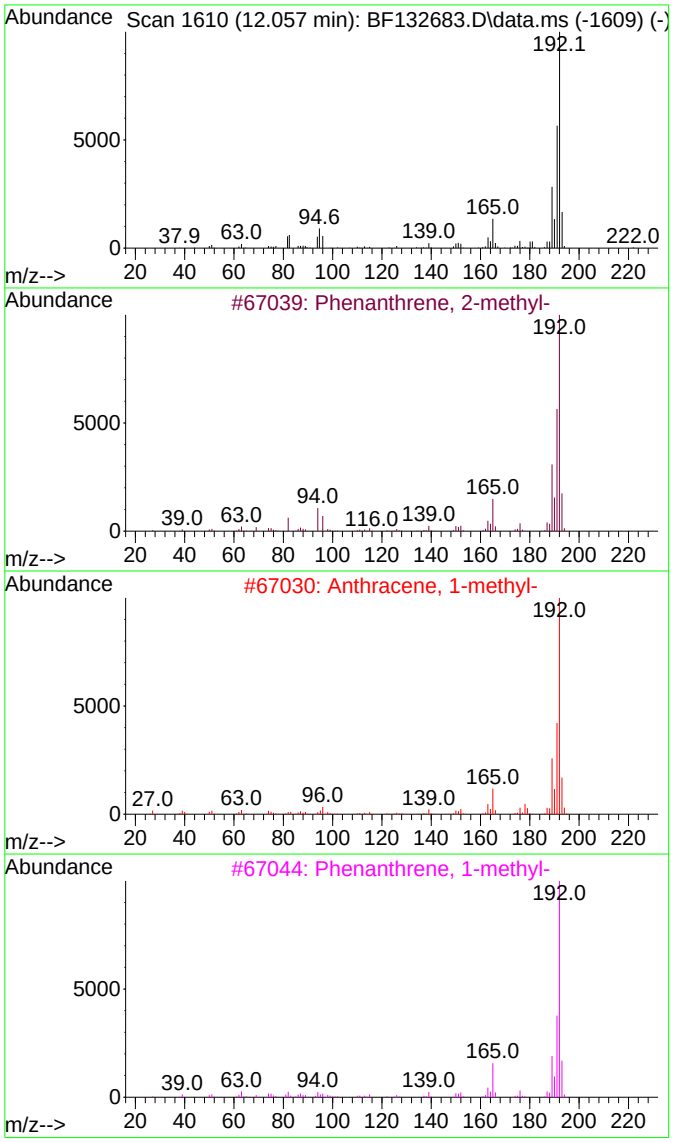
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

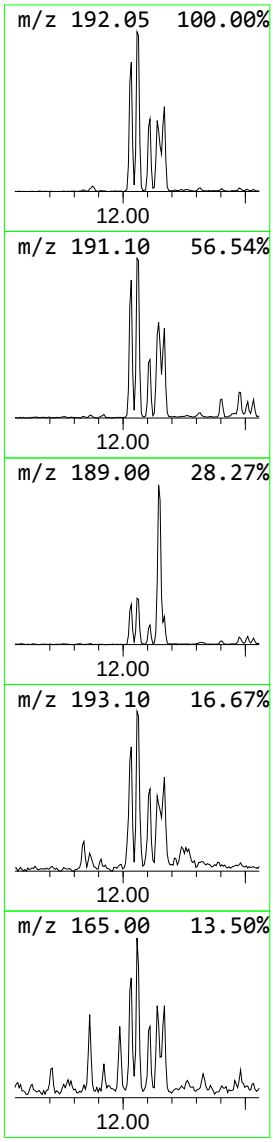
****

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.057	4.02 ng	324813	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

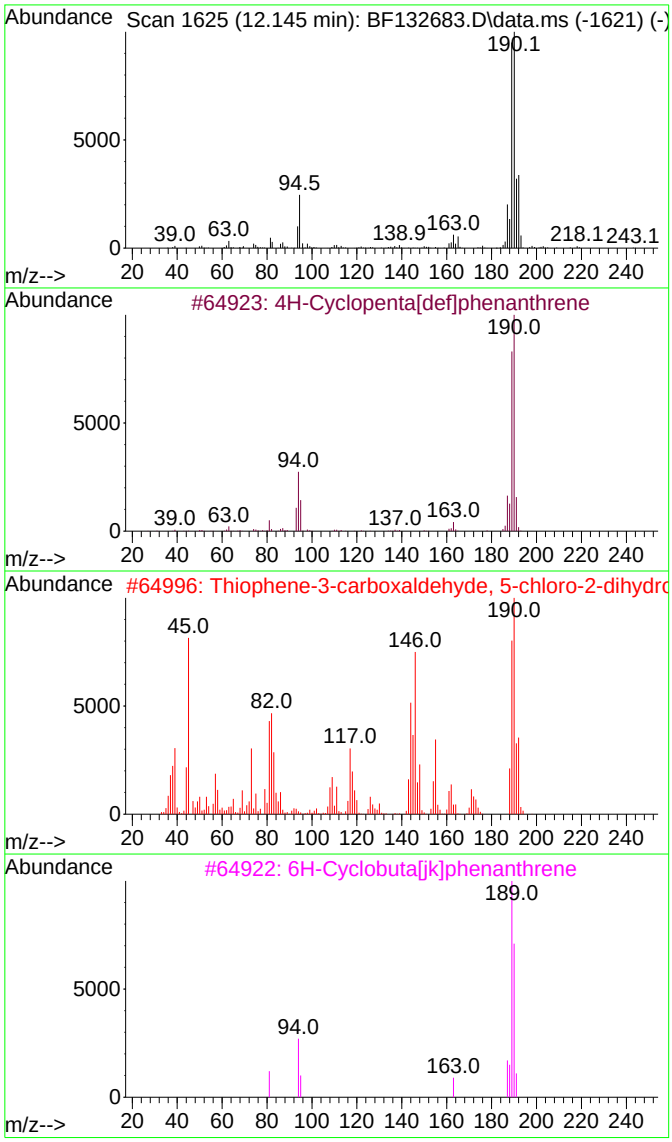
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

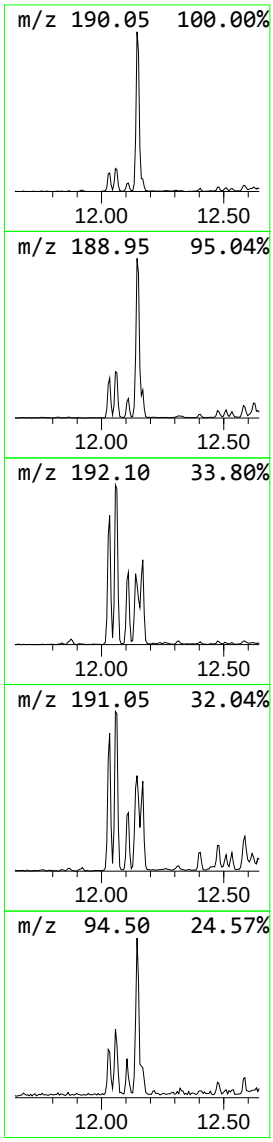
****

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.145	6.66 ng	538618	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

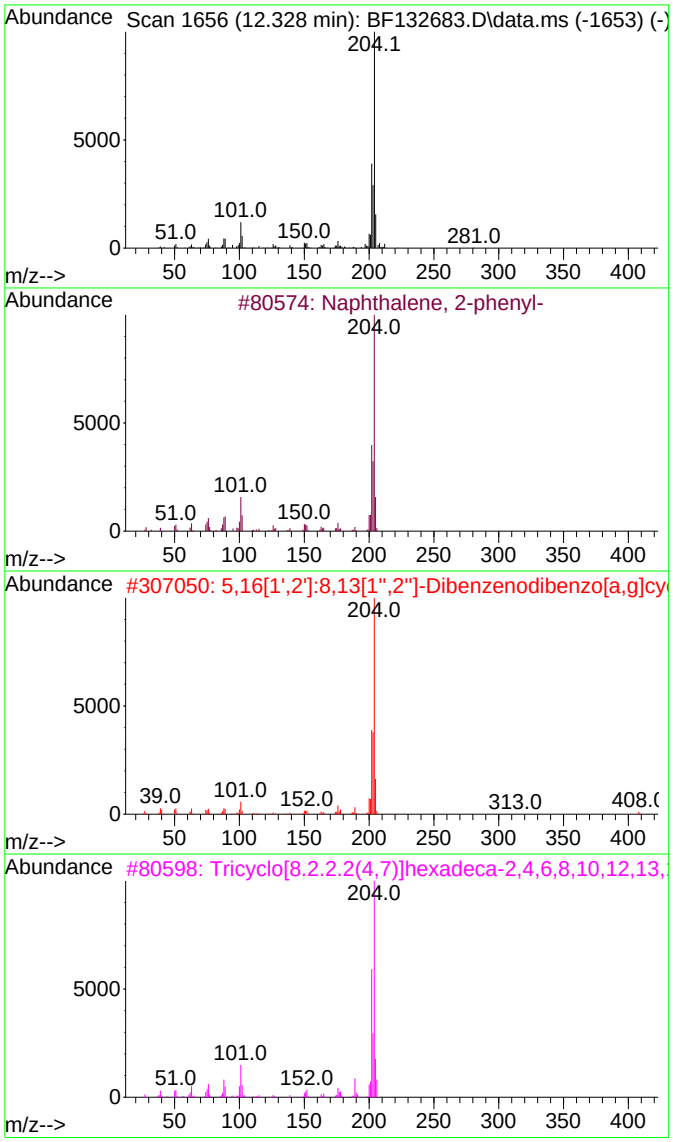
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

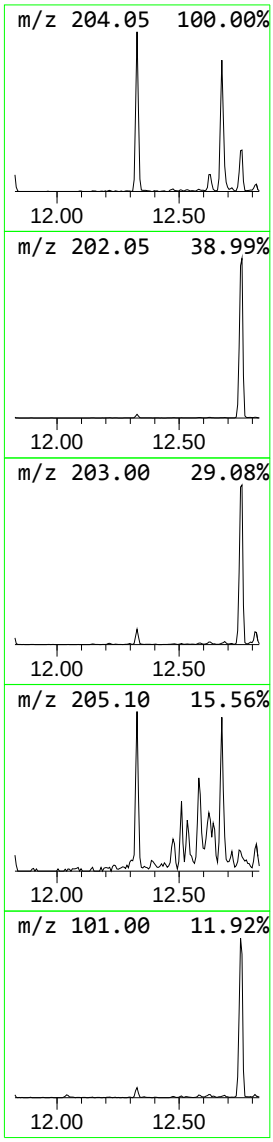
****

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.328	2.30 ng	185794	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

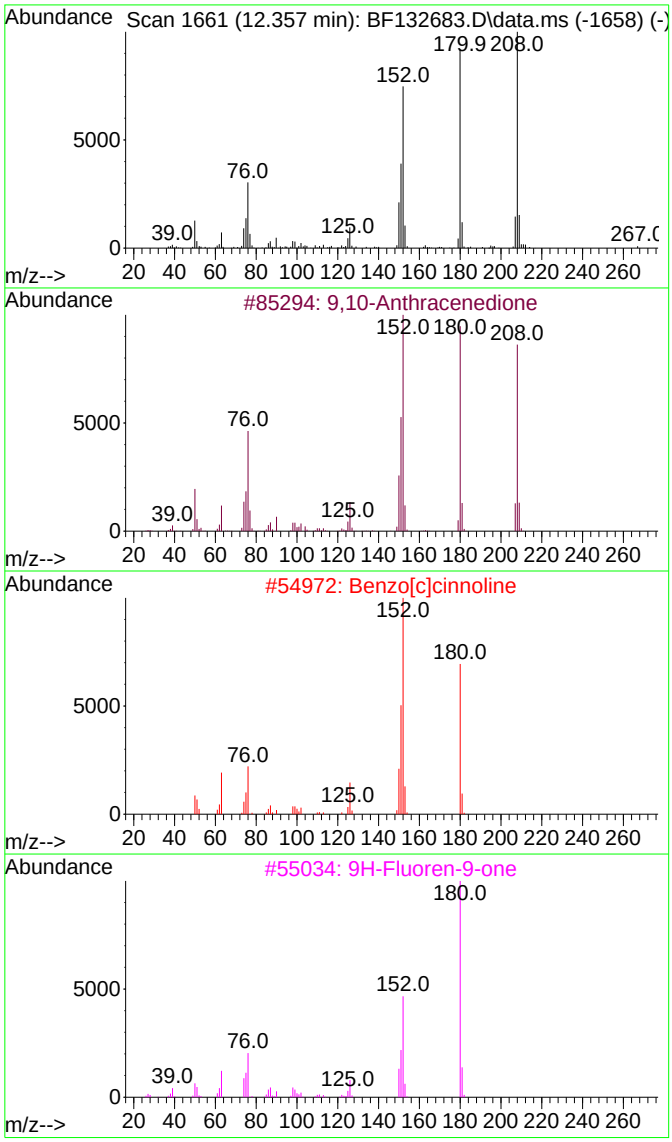
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

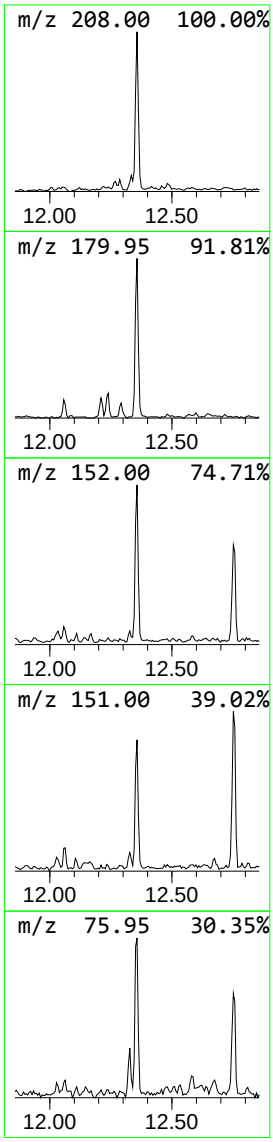
****

Peak Number 7 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.357	2.05 ng	165547	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

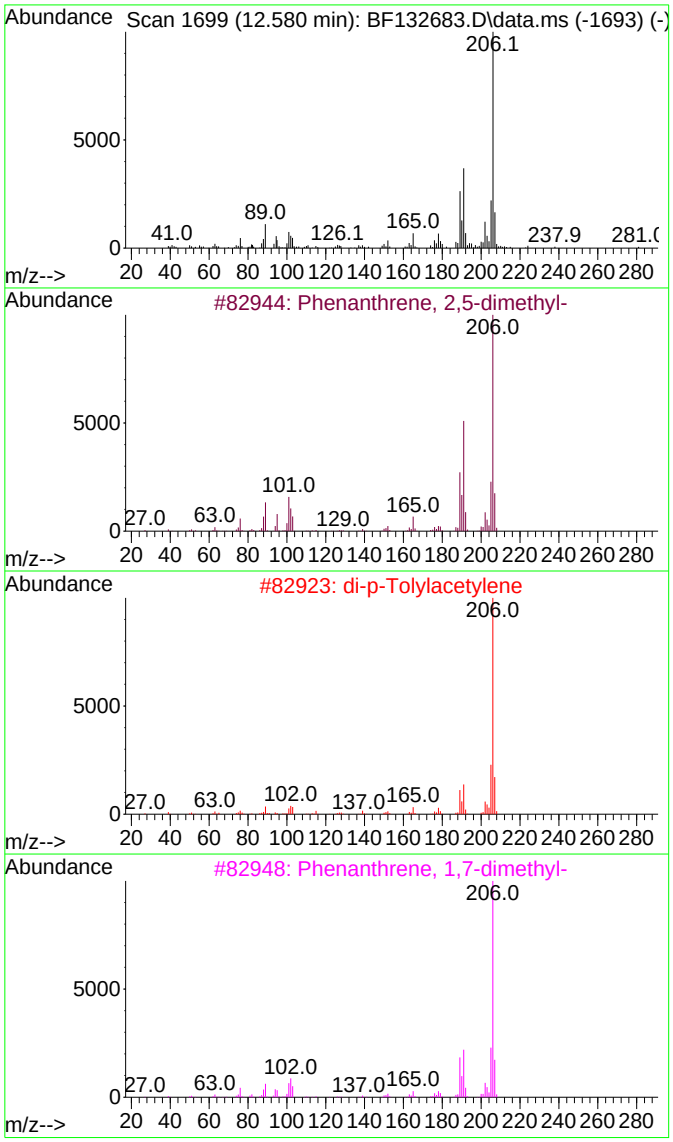
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

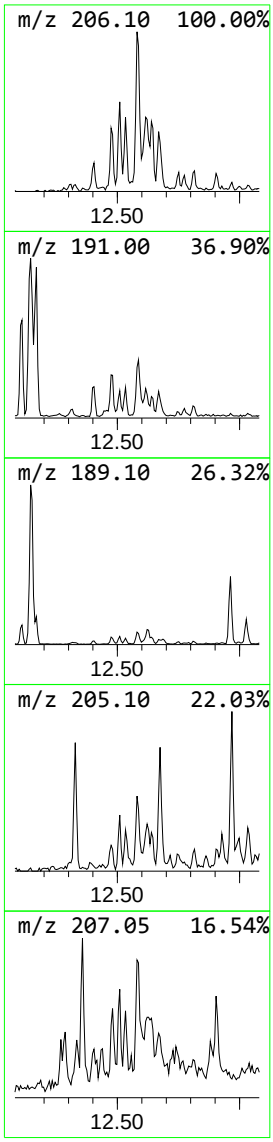
****

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.581	2.15 ng	173627	Phenanthrene-d10	11.528

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

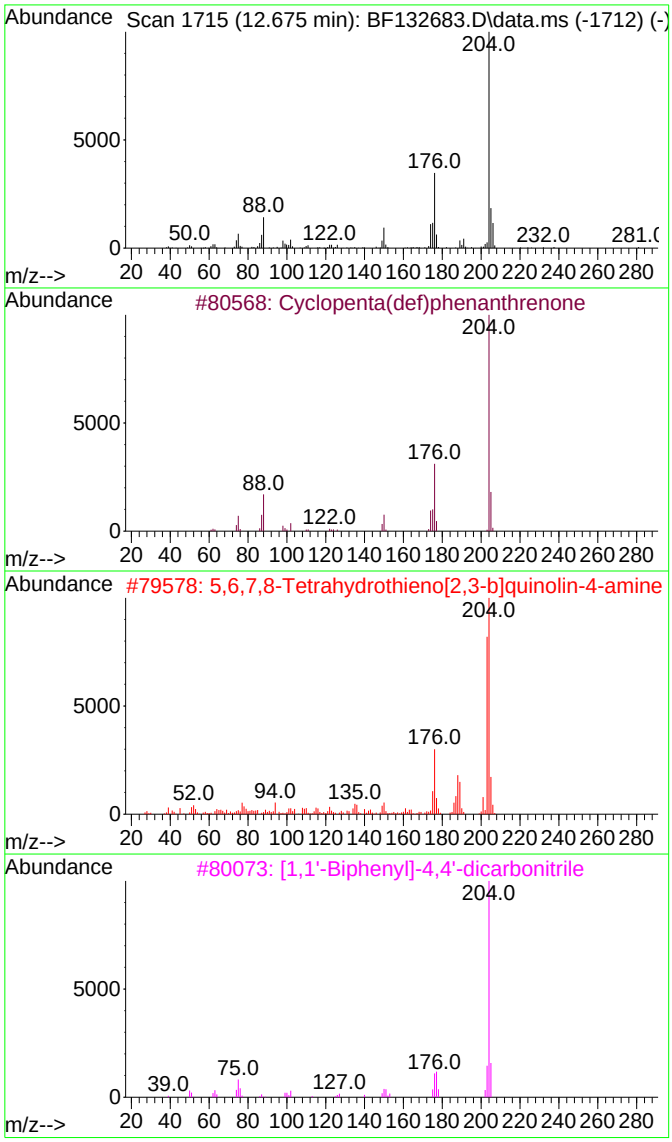
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

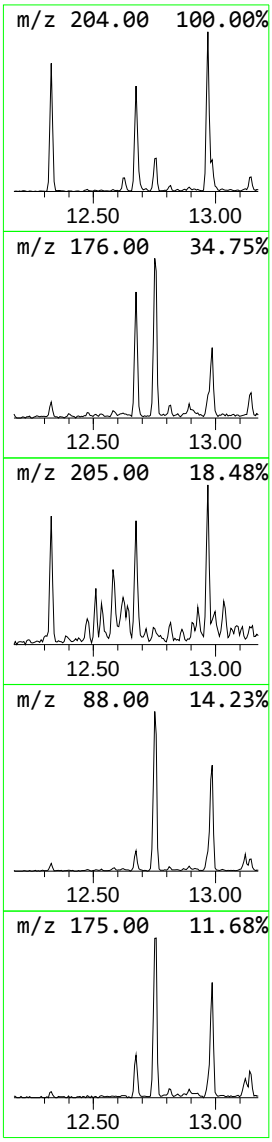
****

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	2.36 ng	190626	Phenanthrene-d10	11.528

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	72
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50
5	Ethyl .alpha.-D-glucopyranoside,...	496	C20H48O6Si4	1000365-90-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

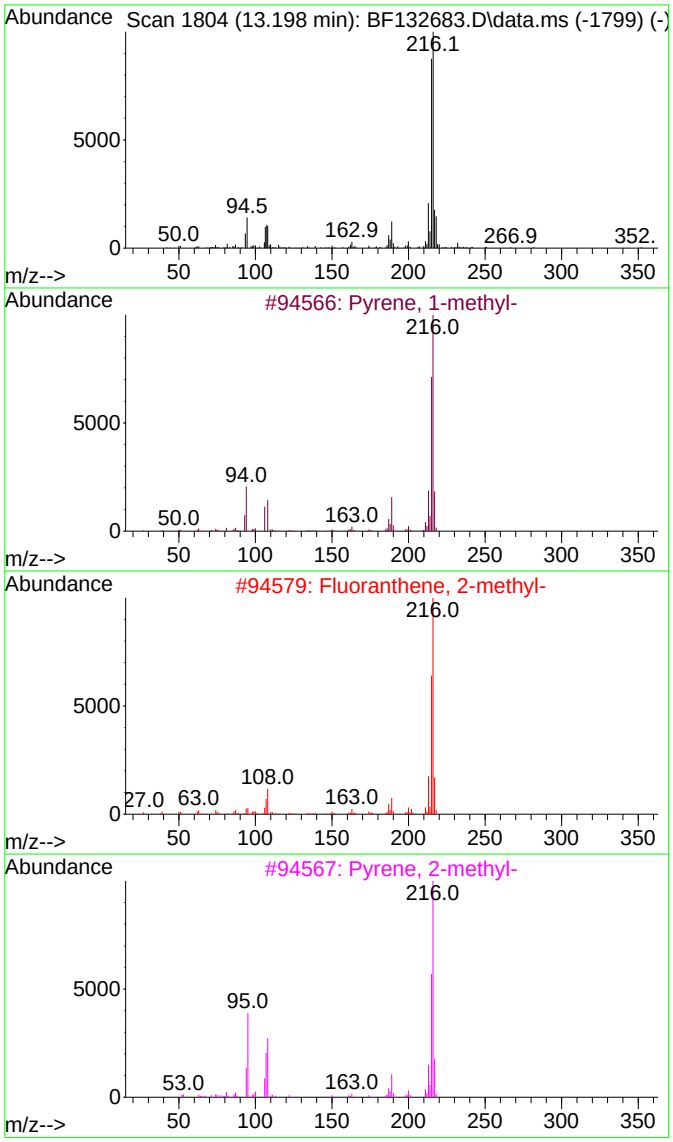
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

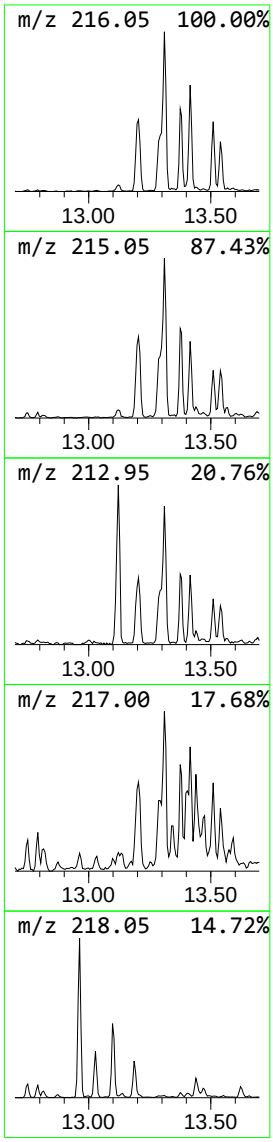
****

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	2.64 ng	292945	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

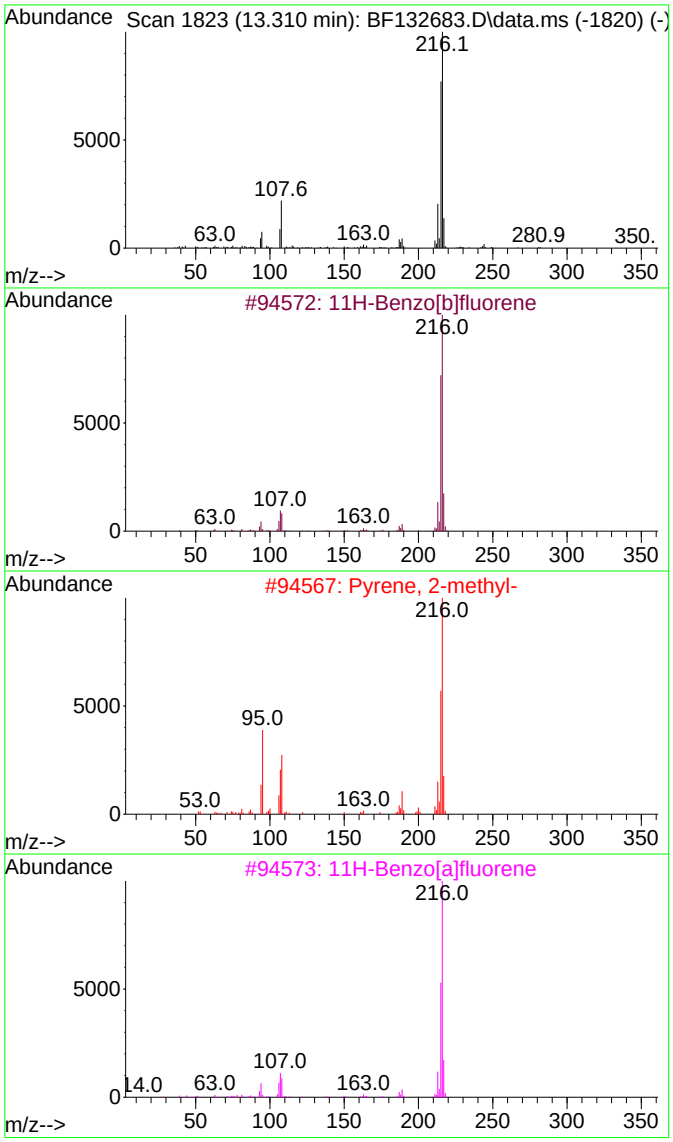
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

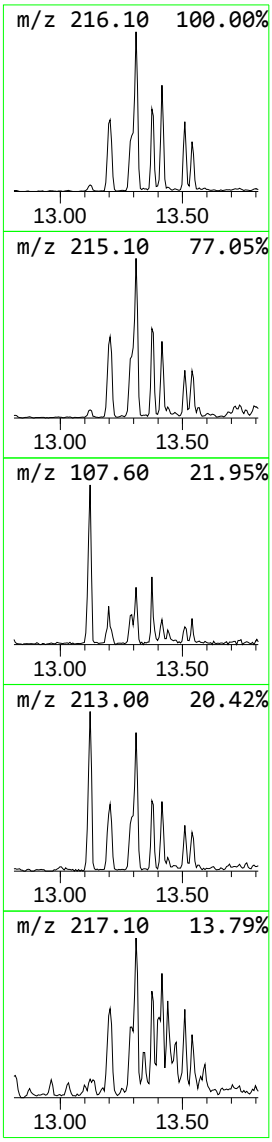
****

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.310	2.74 ng	303964	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

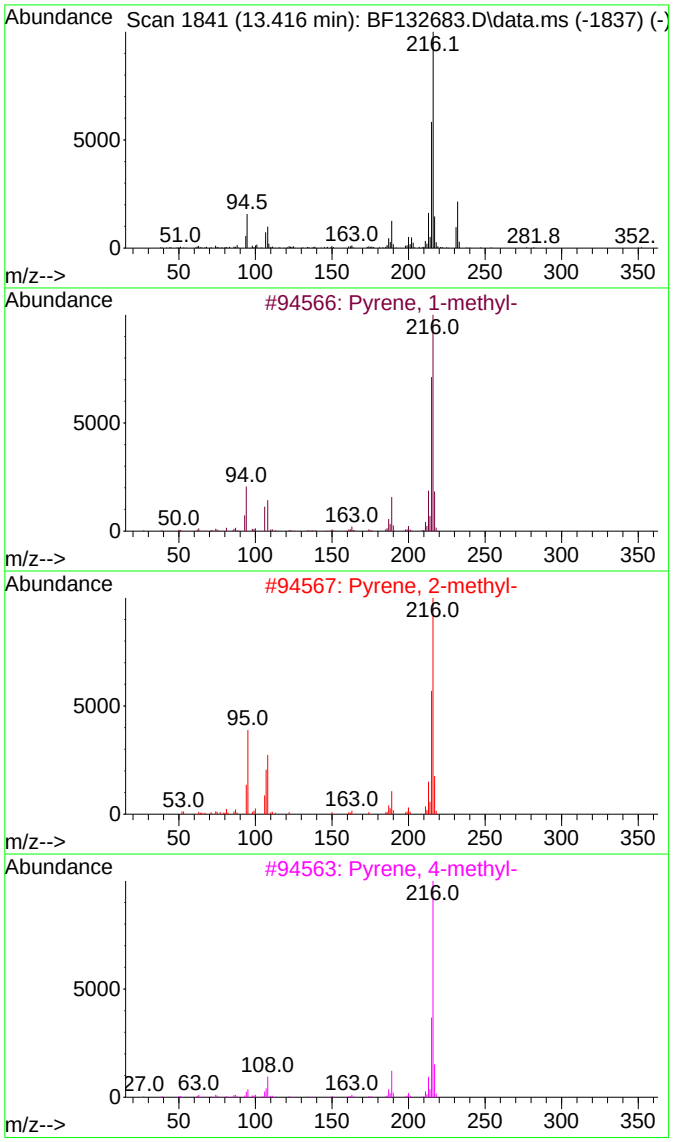
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

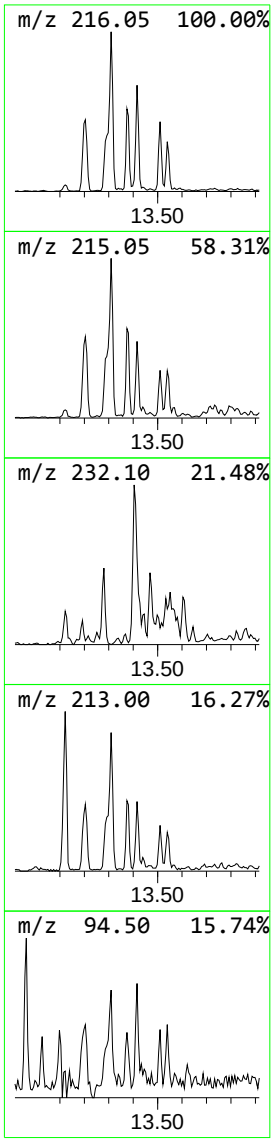
****

Peak Number 12 Pyrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.416	2.43 ng	270225	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

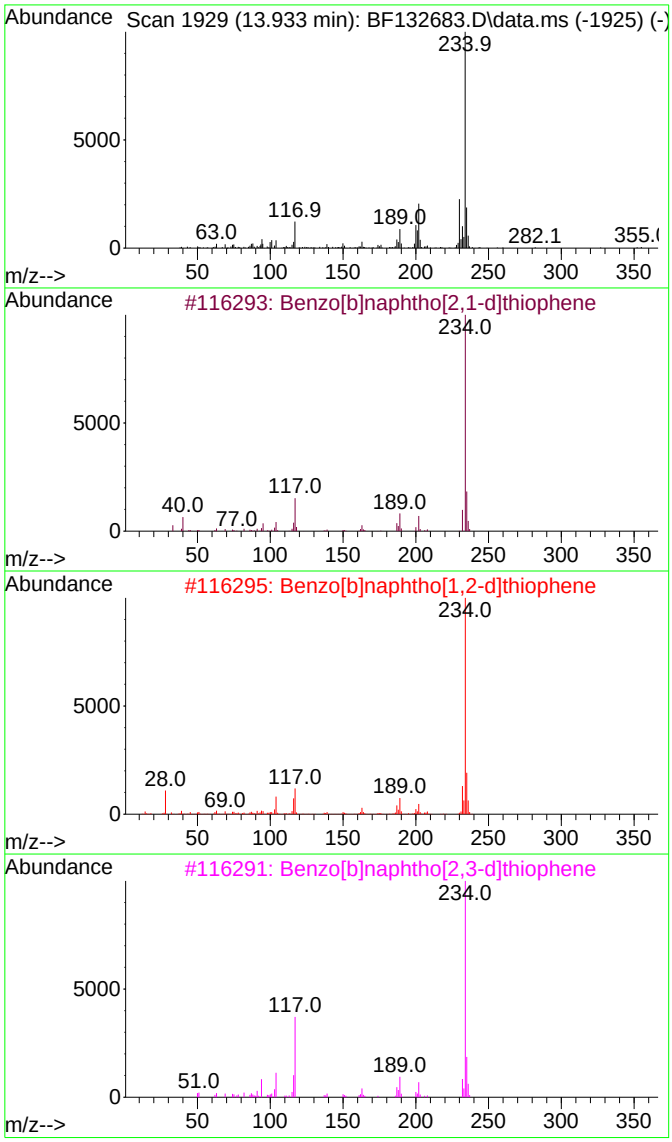
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

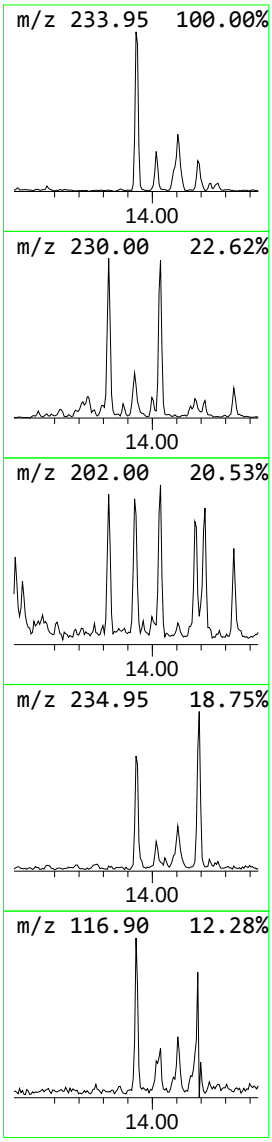
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.933	2.19 ng	242571	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	86
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	83
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
4	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	50
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

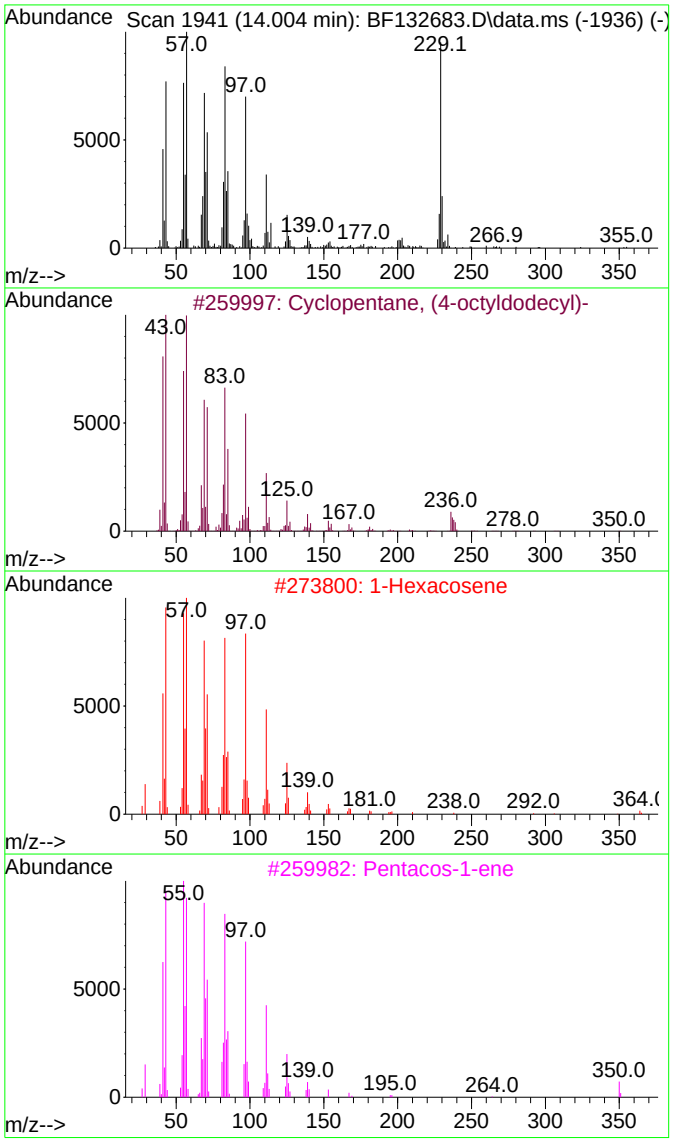
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

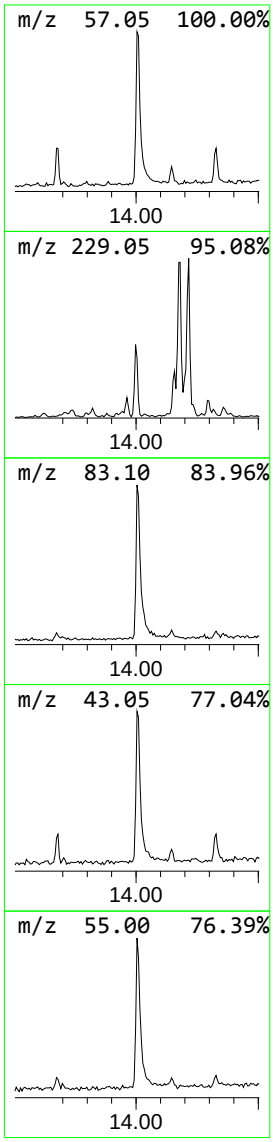
****

Peak Number 14 Cyclopentane, (4-octyldodec... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.004	6.06 ng	672075	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	78
2	1-Hexacosene	364	C26H52	018835-33-1	64
3	Pentacos-1-ene	350	C25H50	016980-85-1	64
4	Behenic alcohol	326	C22H46O	000661-19-8	60
5	1-Heneicosanol	312	C21H44O	015594-90-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

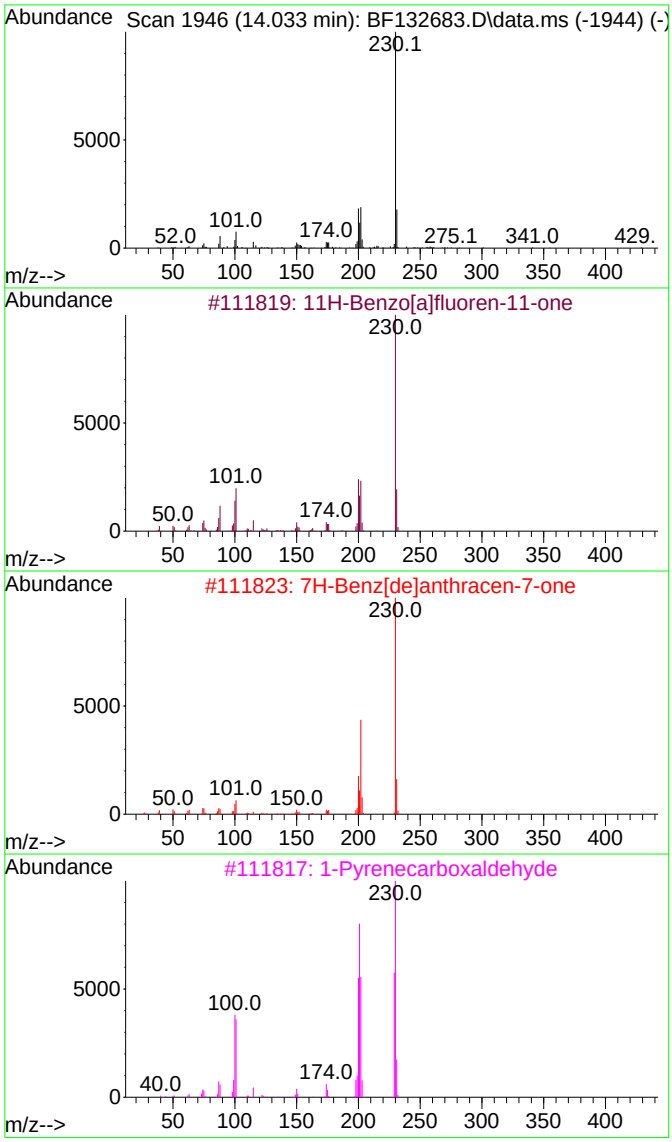
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

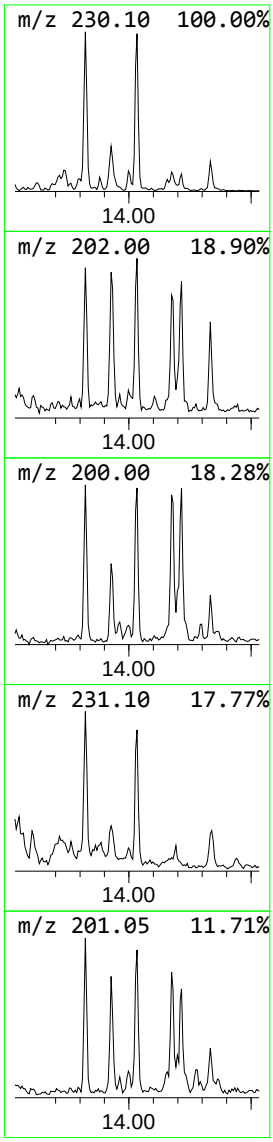
****

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.033	2.04 ng	225934	Chrysene-d12	14.186

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

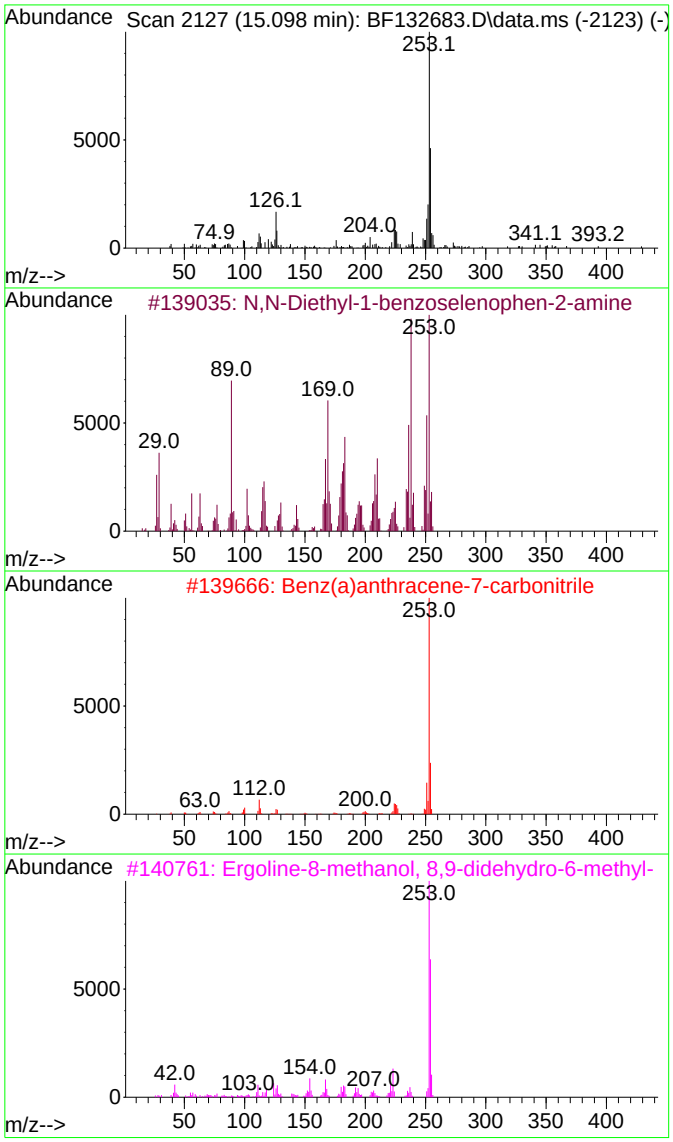
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

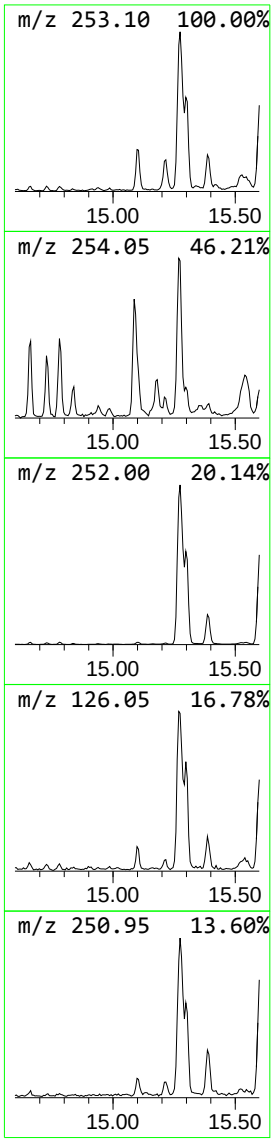
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 N,N-Diethyl-1-benzoselenoph... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.098	2.87 ng	156896	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Diethyl-1-benzoselenophen-2-...	253	C12H15NSe	1000411-36-2	91
2	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	64
3	Ergoline-8-methanol, 8,9-didehyd...	254	C16H18N2O	000548-43-6	58
4	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	53
5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

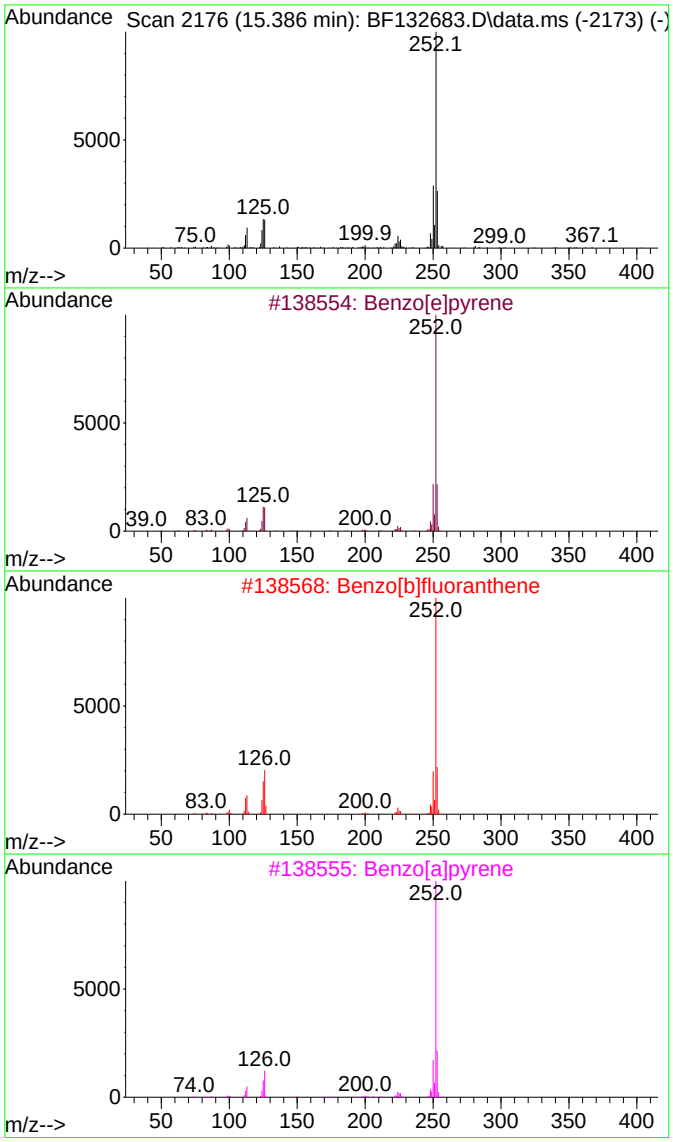
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

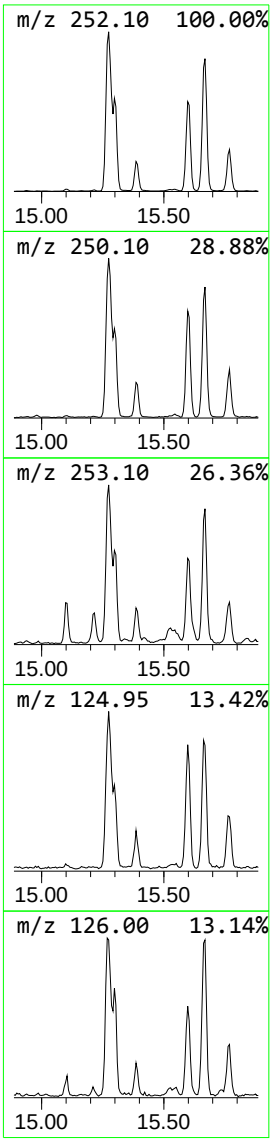
****

Peak Number 17 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	3.05 ng	166805	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	91
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

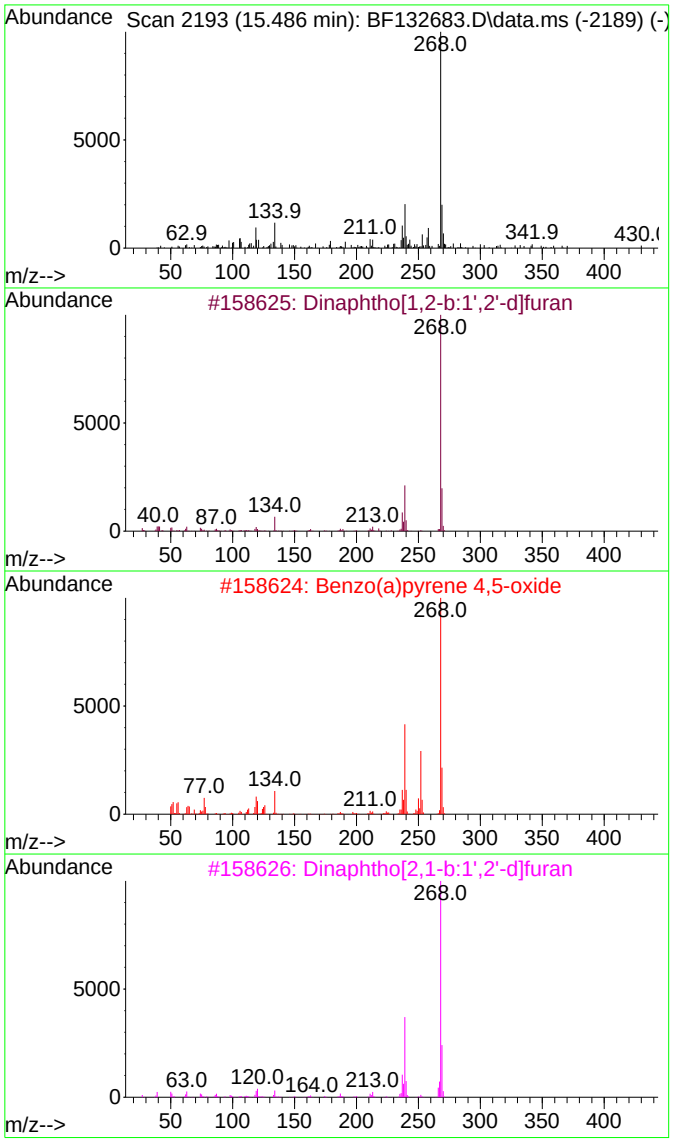
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

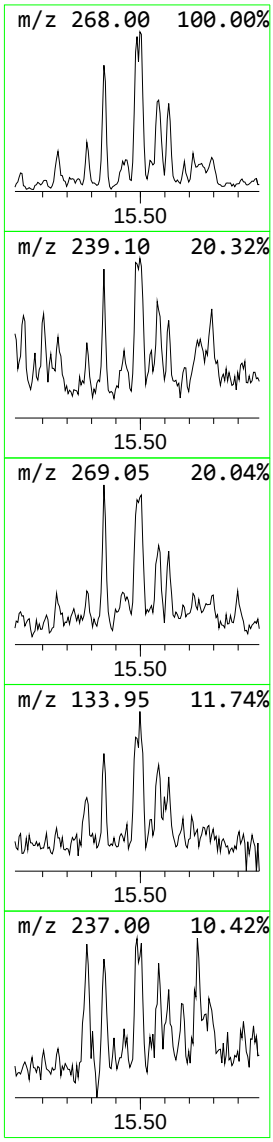
****

Peak Number 18 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.486	2.12 ng	116002	Perylene-d12	15.733

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
3	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	72
4	Diethylstilbestrol	268	C18H20O2	000056-53-1	64
5	10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

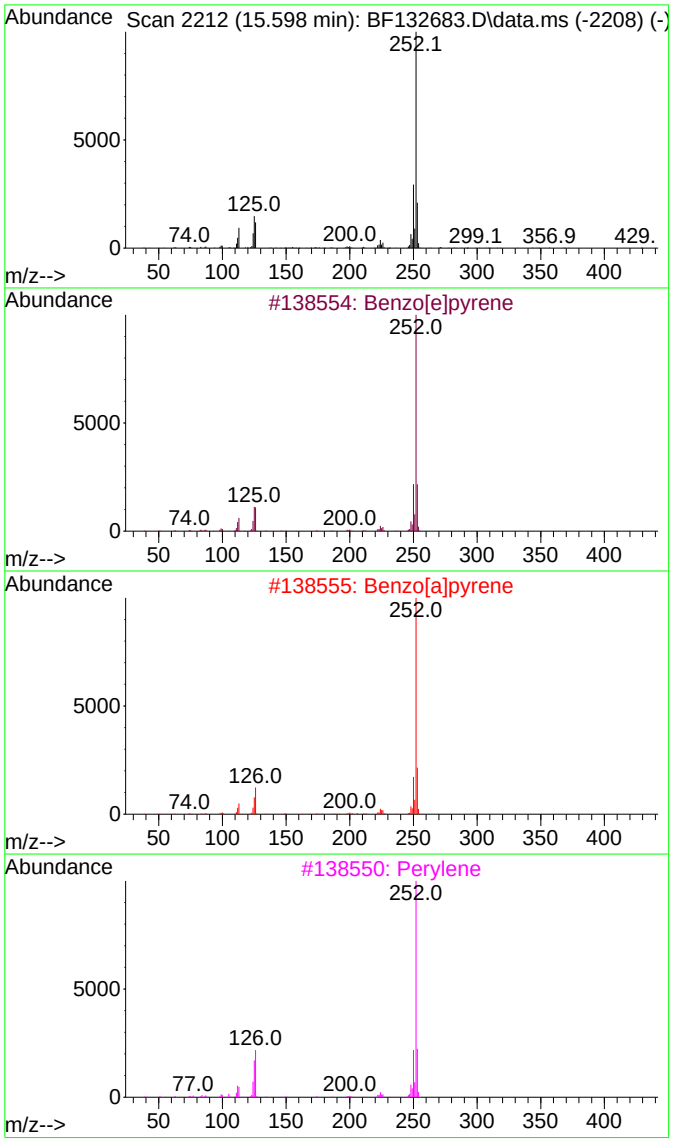
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

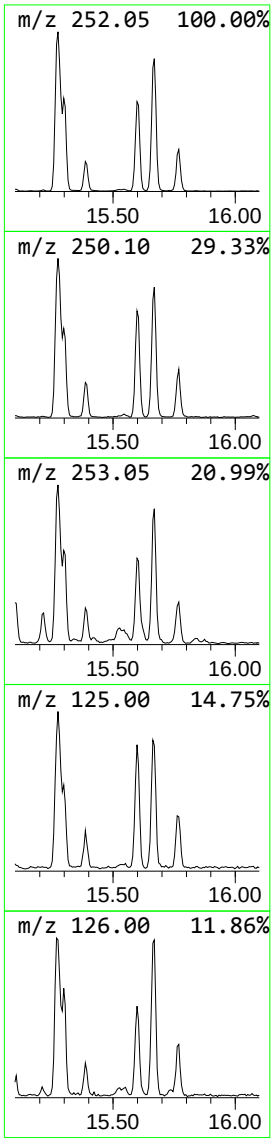
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.598	11.78 ng	644937	Perylene-d12	15.733

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132683.D
Acq On : 07 Mar 2023 18:01
Operator : CG\JU
Sample : 01825-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.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-...	5.234	46.2	ng	2438430	1	6.987	1056270	20.0
Benzophenone	10.745	2.8	ng	215109	3	10.034	1543670	20.0
n-Hexadecanoic ...	12.039	6.6	ng	536351	4	11.528	1616340	20.0
Phenanthrene, 2...	12.057	4.0	ng	324813	4	11.528	1616340	20.0
4H-Cyclopenta[d...	12.145	6.7	ng	538618	4	11.528	1616340	20.0
Naphthalene, 2-...	12.328	2.3	ng	185794	4	11.528	1616340	20.0
9,10-Anthracene...	12.357	2.0	ng	165547	4	11.528	1616340	20.0
Phenanthrene, 2...	12.581	2.1	ng	173627	4	11.528	1616340	20.0
Cyclopenta(def)...	12.675	2.4	ng	190626	4	11.528	1616340	20.0
Pyrene, 1-methyl-	13.198	2.6	ng	292945	5	14.186	2219540	20.0
11H-Benzo[b]flu...	13.310	2.7	ng	303964	5	14.186	2219540	20.0
Pyrene, 2-methyl-	13.416	2.4	ng	270225	5	14.186	2219540	20.0
Benzo[b]naphtho...	13.933	2.2	ng	242571	5	14.186	2219540	20.0
Cyclopentane, (...	14.004	6.1	ng	672075	5	14.186	2219540	20.0
11H-Benzo[a]flu...	14.033	2.0	ng	225934	5	14.186	2219540	20.0
N,N-Diethyl-1-b...	15.098	2.9	ng	156896	6	15.733	1095000	20.0
Benzo[e]pyrene	15.386	3.0	ng	166805	6	15.733	1095000	20.0
Dinaphtho[1,2-b...	15.486	2.1	ng	116002	6	15.733	1095000	20.0
Perylene	15.598	11.8	ng	644937	6	15.733	1095000	20.0