LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.475	573	576	588	rBV	47454	64006	15.45%	1.463%
2	6.481	744	747	762	rBV	54222	78013	18.83%	1.783%
3	6.828	803	806	823	rBV	437939	401291	96.85%	9.170%
4	7.392	899	902	909	rBV	45785	49347	11.91%	1.128%
5	8.110	1020	1024	1031	rVB	477173	414322	100.00%	9.468%
6	8.610	1104	1109	1113	rBV4	4938	6449	1.56%	0.147%
7	8.692	1120	1123	1126	rBV	7073	5751	1.39%	0.131%
8	8.922	1157	1162	1166	rBV2	11970	14183	3.42%	0.324%
9	9.181	1203	1206	1212	rBV	116238	92723	22.38%	2.119%
10	9.257	1217	1219	1222	rVB	12246	8816	2.13%	0.201%
11	9.445	1247	1251	1255	rBV4	8007	11462	2.77%	0.262%
12	9.522	1262	1264	1266	rBV	11911	10769	2.60%	0.246%
13	9.581	1270	1274	1276	rVB5	5853	7306	1.76%	0.167%
14	9.639	1281	1284	1290	rBV3	11367	12288	2.97%	0.281%
15	9.728	1296	1299	1303	rBV2	15864	14205	3.43%	0.325%
16	9.786	1307	1309	1314	rVB2	12551	11212	2.71%	0.256%
17	9.863	1319	1322	1326	rVV	486975	393142	94.89%	8.984%
18	9.898	1326	1328	1331	rVB2	8815	7339	1.77%	0.168%
19	9.963	1336	1339	1345	rBV5	4583	6862	1.66%	0.157%
20	10.069	1354	1357	1361	rVB3	10244	12830	3.10%	0.293%
21	10.110	1361	1364	1367	rBV3	10325	10935	2.64%	0.250%
22	10.181	1373	1376	1380	rBV4	9151	12014	2.90%	0.275%
23	10.292	1392	1395	1398	rVB	19323	16605	4.01%	0.379%
24	10.416	1410	1416	1423	rBV2	16433	21491	5.19%	0.491%
25	10.510	1428	1432	1437	rVV5	11925	18559	4.48%	0.424%
26	10.569	1437	1442	1445	rVB4	5499	9032	2.18%	0.206%
27	10.657	1455	1457	1461	rBV	41691	40805	9.85%	0.932%
28	10.763	1472	1475	1477	rBV	21577	24111	5.82%	0.551%
29	10.957	1505	1508	1512	rBV5	6124	9652	2.33%	0.221%
30	10.992	1512	1514	1517	rVB3	9362	7283	1.76%	0.166%
31	11.045	1521	1523	1526	rVB4	5589	5590	1.35%	0.128%
32	11.092	1527	1531	1533	rBV4	4003	5840	1.41%	0.133%
33	11.175	1540	1545	1548	rBV6	5104	7659	1.85%	0.175%
34	11.216	1548	1552	1555	rVV2	24364	22788	5.50%	0.521%
35	11.245	1555	1557	1562	rVB3	13749	19863	4.79%	0.454%
36	11.357	1573	1576	1579	rBV	384219	354874	85.65%	8.109%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.380	1579	1580	1585	rVV	87060	71162	17.18%	1.626%
38	11.439	1587	1590	1592	rVV	21436	20196	4.87%	0.462%
39	11.475	1592	1596	1601	rVV6	4861	8286	2.00%	0.189%
40	11.604	1613	1618	1622	rBV6	9176	15959	3.85%	0.365%
41	11.645	1622	1625	1628	rVV2	22130	20385	4.92%	0.466%
42	11.692	1628	1633	1638	rVV6	9932	14509	3.50%	0.332%
43	11.745	1638	1642	1645	rBV4	10925	10942	2.64%	0.250%
44	11.780	1645	1648	1651	rVB3	4730	6239	1.51%	0.143%
45	11.863	1659	1662	1664	rBV	29196	27529	6.64%	0.629%
46	11.892	1664	1667	1671	rVV2	49912	52190	12.60%	1.193%
47	11.939	1672	1675	1678	rVV2	15107	16543	3.99%	0.378%
48	11.975	1678	1681	1683	rVV2	48433	47970	11.58%	1.096%
49	11.998	1683	1685	1689	rVB2	23324	21672	5.23%	0.495%
50	12.051	1692	1694	1697	rBV2	28474	25205	6.08%	0.576%
51	12.157	1709	1712	1714	rBV	19941	18800	4.54%	0.430%
52	12.198	1717	1719	1722	rVB4	12282	12817	3.09%	0.293%
53	12.310	1736	1738	1740	rVB2	12422	8287	2.00%	0.189%
54	12.339	1740	1743	1751	rVB5	24349	45058	10.88%	1.030%
55	12.416	1753	1756	1758	rBV	31457	36019	8.69%	0.823%
56	12.439	1758	1760	1762	rBV3	34949	40344	9.74%	0.922%
57	12.510	1770	1772	1775	rVB3	21382	14648	3.54%	0.335%
58	12.545	1775	1778	1781	rBV5	14548	21858	5.28%	0.499%
59	12.580	1781	1784	1789	rVV	185233	161625	39.01%	3.693%
60	12.622	1789	1791	1795	rVB4	12217	17102	4.13%	0.391%
61	12.680	1799	1801	1803	rBV2	18389	18380	4.44%	0.420%
62	12.733	1807	1810	1812	rBV3	26389	25206	6.08%	0.576%
63	12.810	1819	1823	1829	rBV	153165	160855	38.82%	3.676%
64	12.869	1830	1833	1836	rVB4	18979	21204	5.12%	0.485%
65	12.898	1836	1838	1839	rVB2	12505	7311	1.76%	0.167%
66	12.922	1839	1842	1844	rBV4	20514	26275	6.34%	0.600%
67	12.951	1844	1847	1850	rBV	88907	77856	18.79%	1.779%
68	13.039	1857	1862	1865	rBV5	25007	57231	13.81%	1.308%
69	13.174	1883	1885	1888	rBV3	28167	28750	6.94%	0.657%
70	13.204	1888	1890	1893	rVB	28908	30362	7.33%	0.694%
71	13.245	1893	1897	1900	rBV3	37513	58854	14.20%	1.345%
72	13.374	1916	1919	1920	rBV2	24312	26283	6.34%	0.601%
73	14.021	2024	2029	2032	rBV2	345198	385572	93.06%	8.811%
74	14.045	2032	2033	2037	rVB	58326	42415	10.24%	0.969%
75	14.480	2105	2107	2109	rBV2	43173	31802	7.68%	0.727%
76	15.521	2280	2284	2291	rVB	249533	332989	80.37%	7.609%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

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-BF072423.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.221	2400	2403	2406	rBV4	72164	99964	24.13%	2.284%

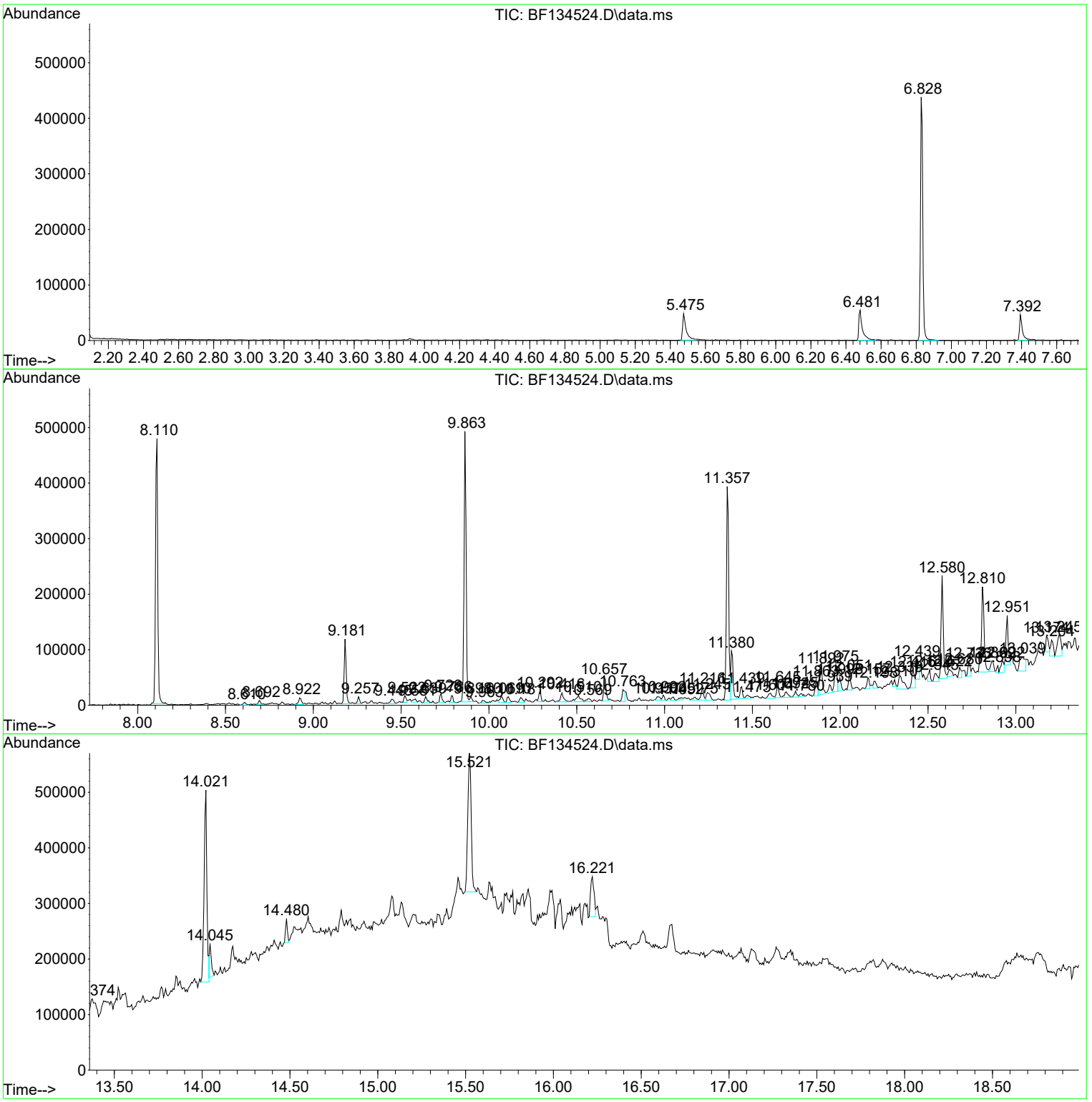
Sum of corrected areas: 4376071

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

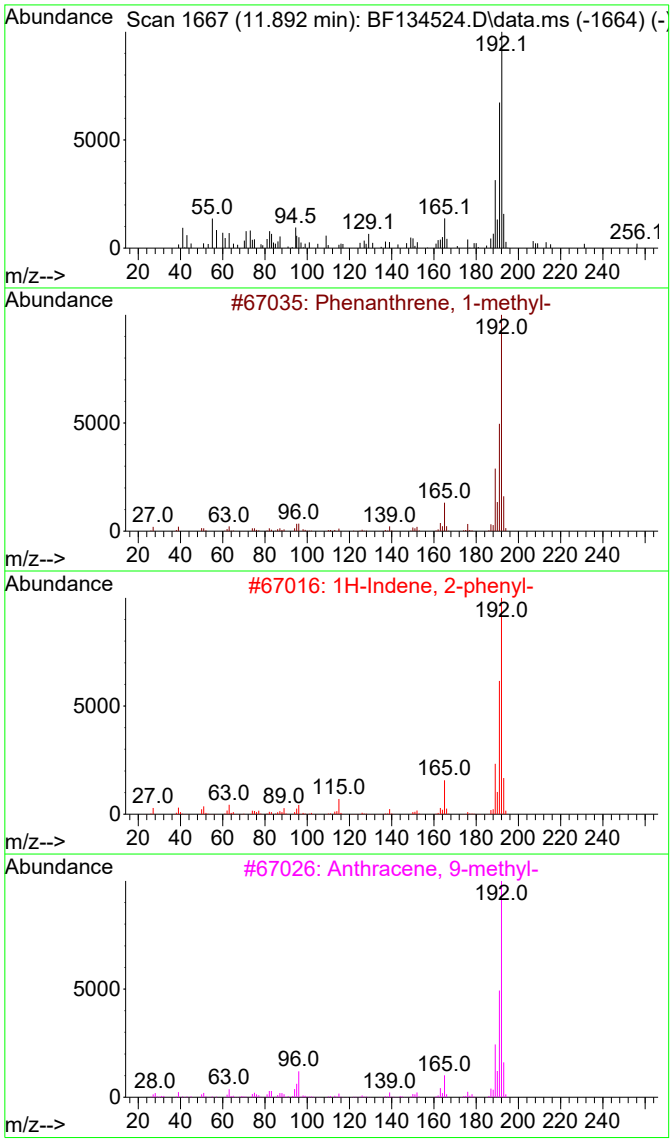
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

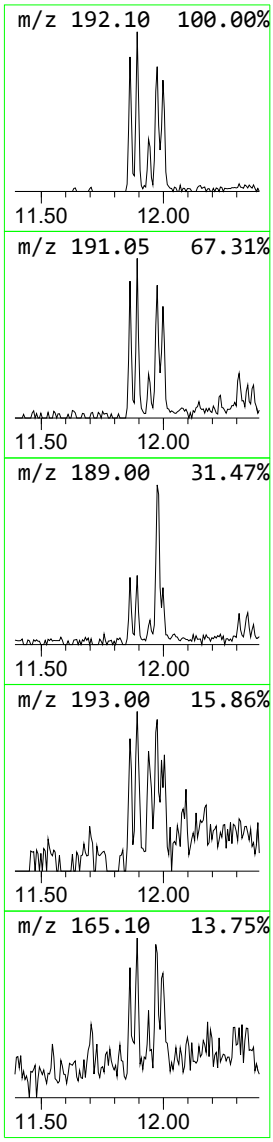
****

Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	2.94 ng	52190	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

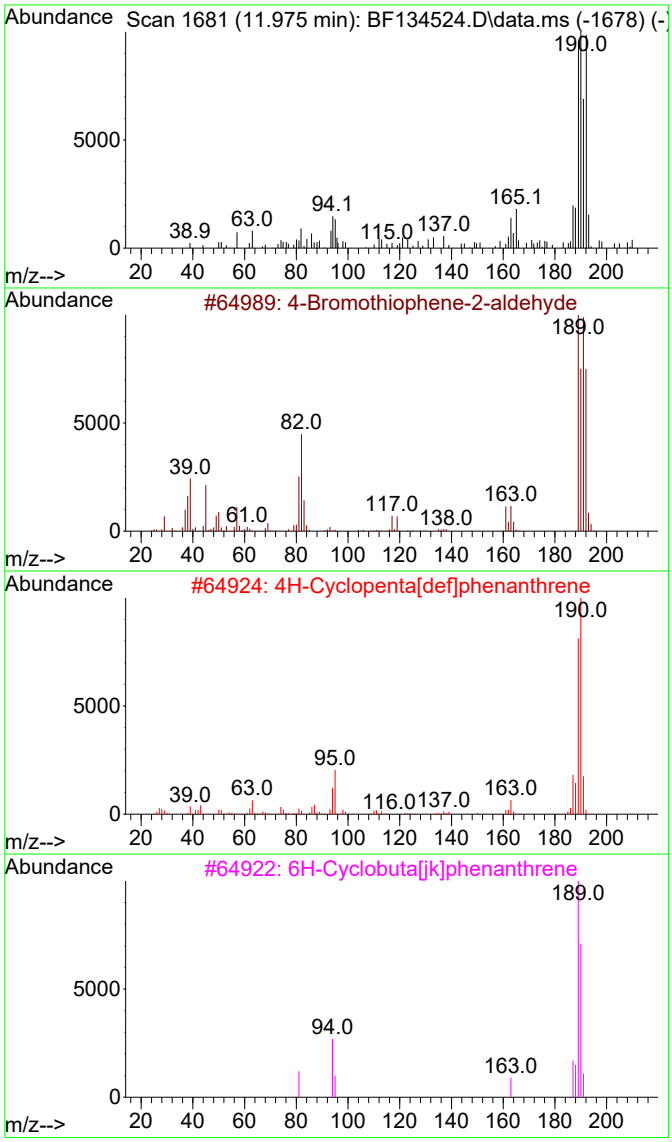
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

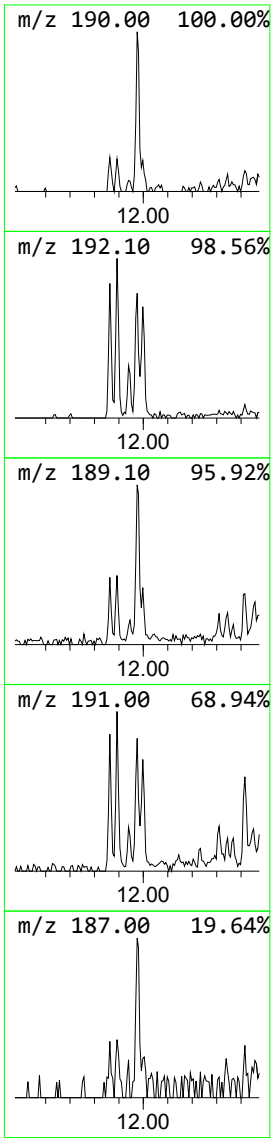
****

Peak Number 2 4-Bromothiophene-2-aldehyde Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	2.70 ng	47970	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

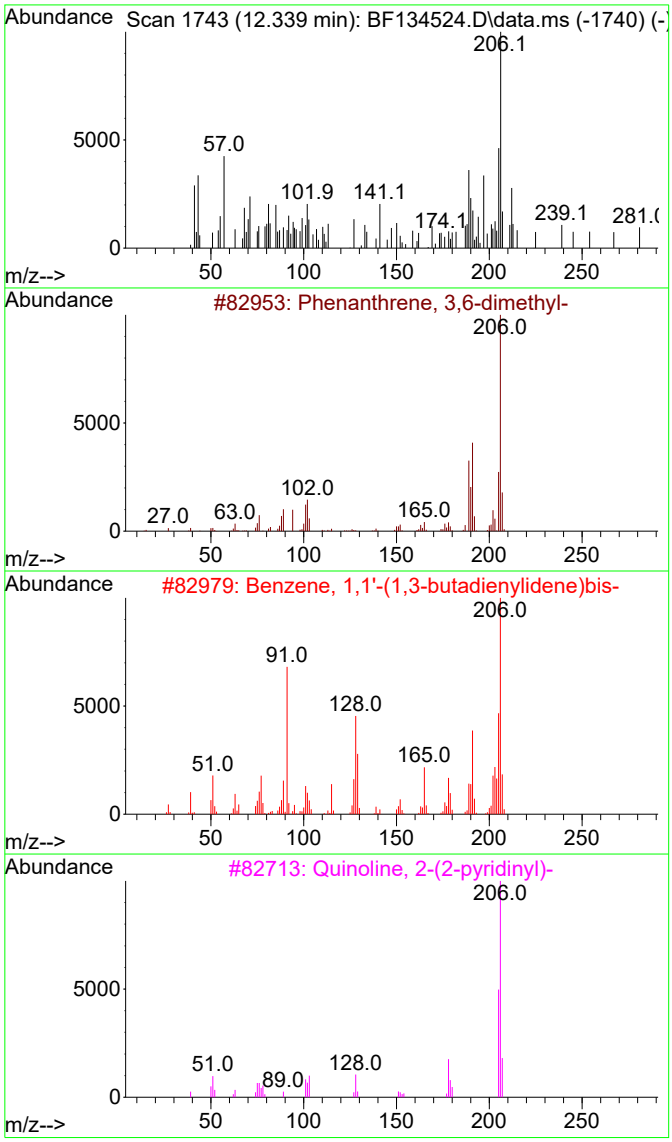
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

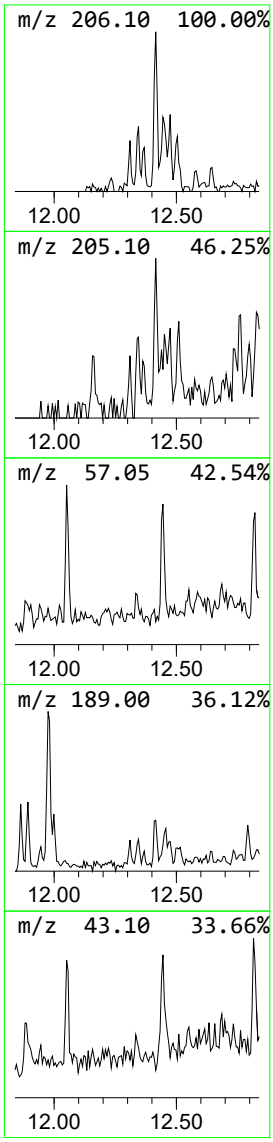
****

Peak Number 3 unknown12.339 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.339	2.54 ng	45058	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Benzene, 1,1'-(1,3-butadienylide...	206	C16H14	004165-81-5	45
3	Quinoline, 2-(2-pyridinyl)-	206	C14H10N2	007491-86-3	41
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	41
5	Dibenzo[b,f][1,4]diazocine	206	C14H10N2	000262-92-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

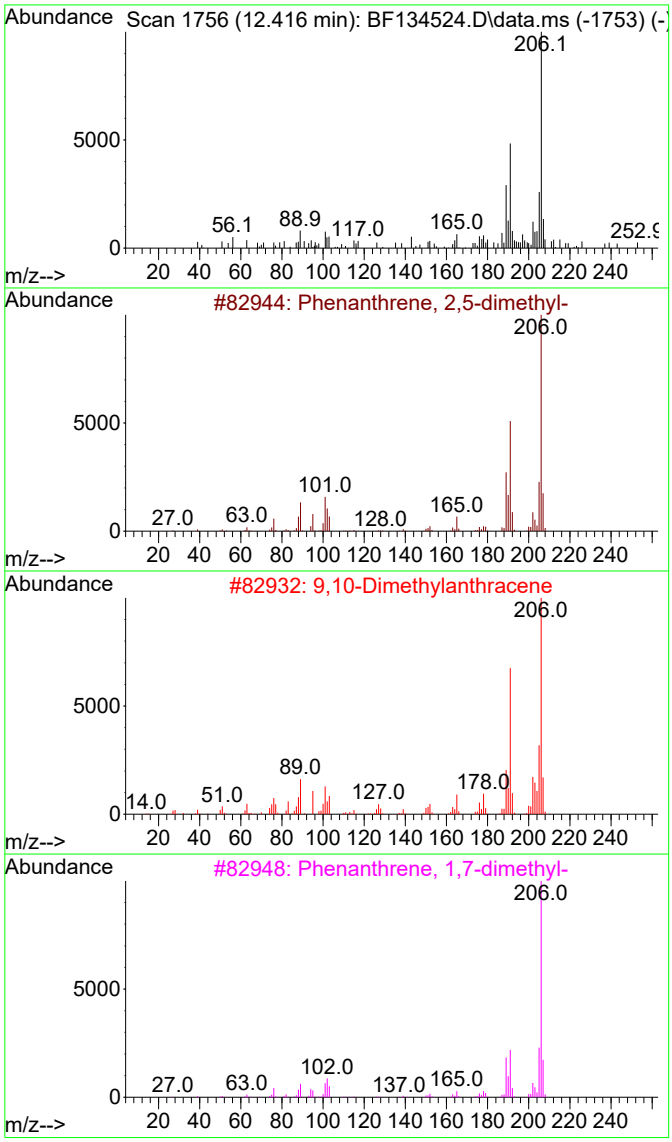
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

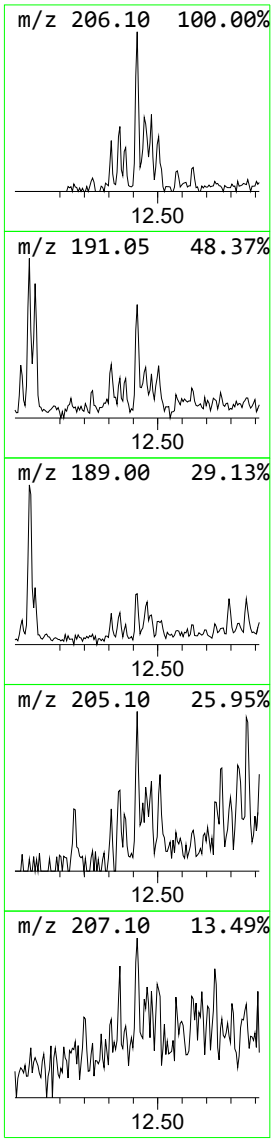
****

Peak Number 4 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	2.03 ng	36019	Phenanthrene-d10	11.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	81
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

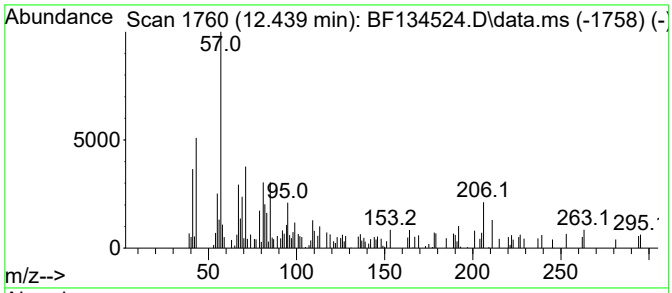
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

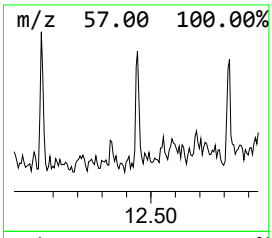
****

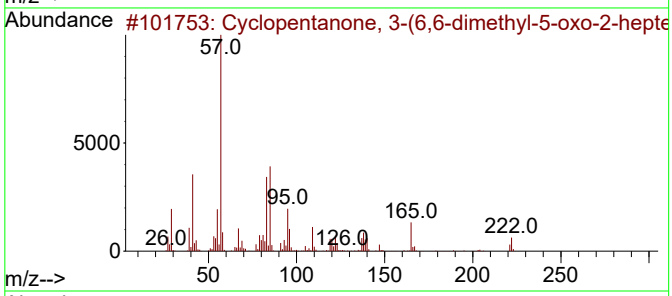
Peak Number 5 unknown12.439 Concentration Rank 7

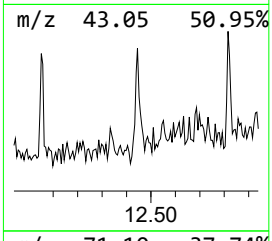
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.27 ng	40344	Phenanthrene-d10	11.357

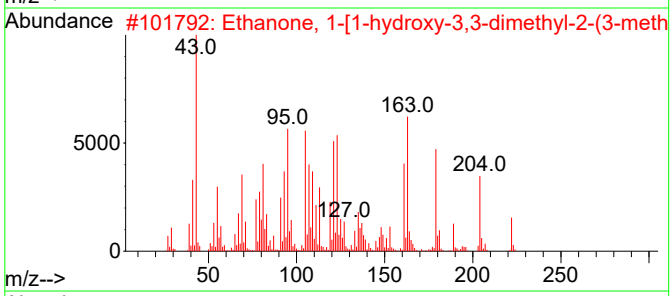
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-(6,6-dimethyl-...	222	C14H22O2	083040-98-6	20
2	Ethanone, 1-[1-hydroxy-3,3-dimet...	222	C14H22O2	088725-75-1	15
3	Hexadecane	226	C16H34	000544-76-3	15
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	11
5	Octane, 2-methyl-	128	C9H20	003221-61-2	11

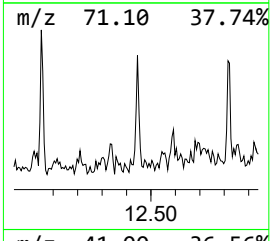


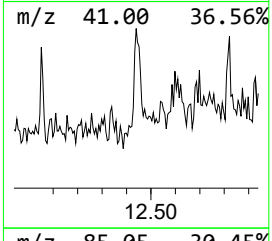


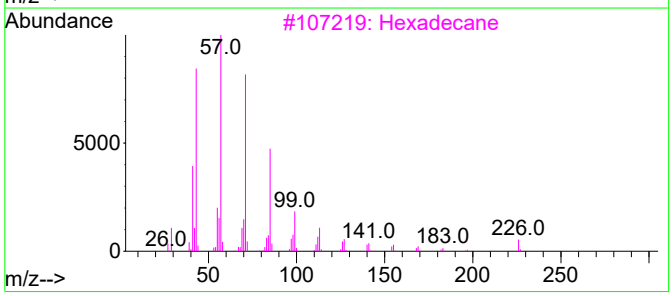


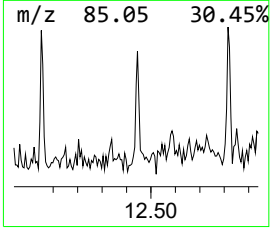












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

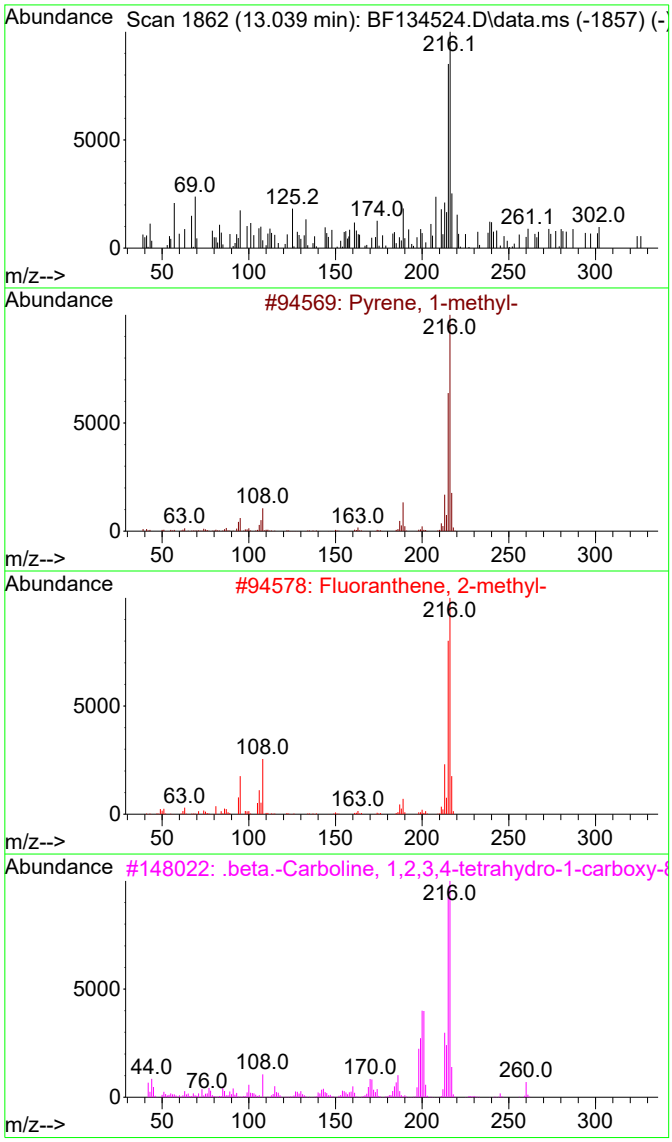
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

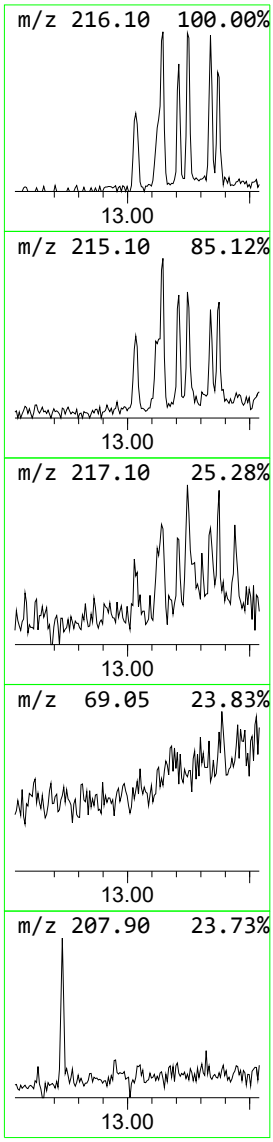
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.039	2.97 ng	57231	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
3	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	1000124-14-2	59
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

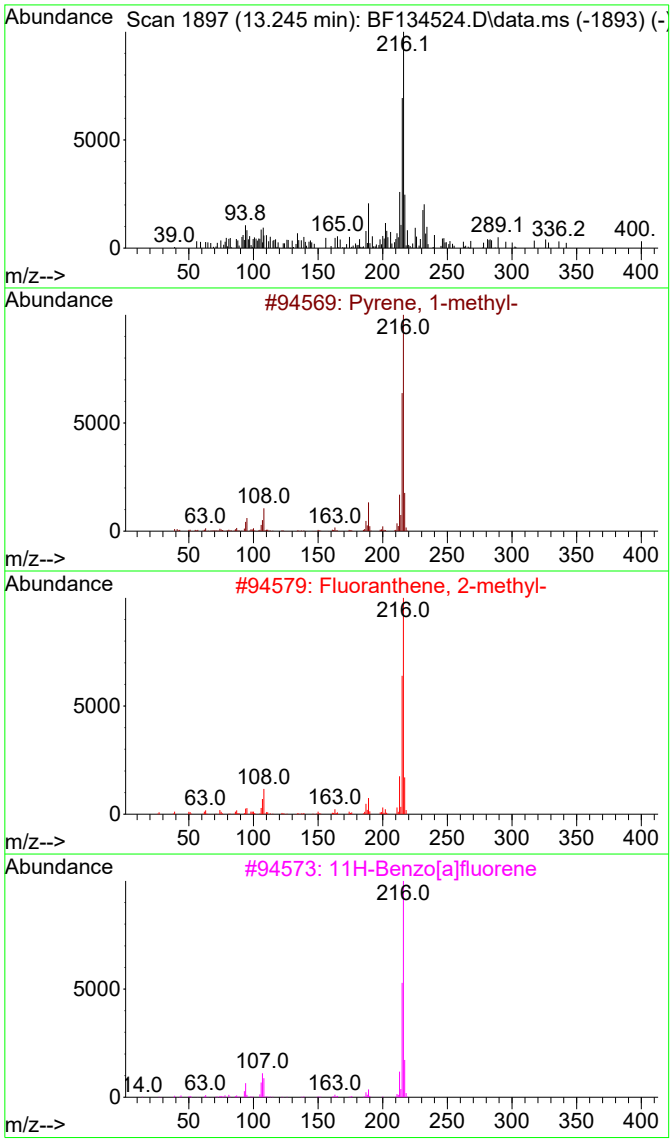
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

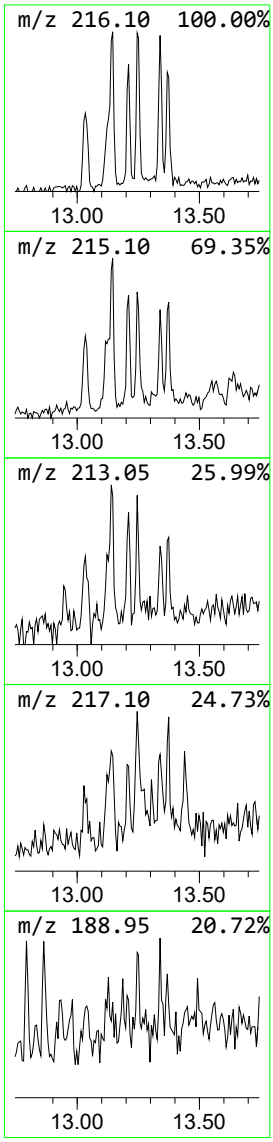
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	3.05 ng	58854	Chrysene-d12	14.022

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	52
5	2-(Aminomethylidene)-2,3-dihydro...	231	C13H17NOSi	1000500-18-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

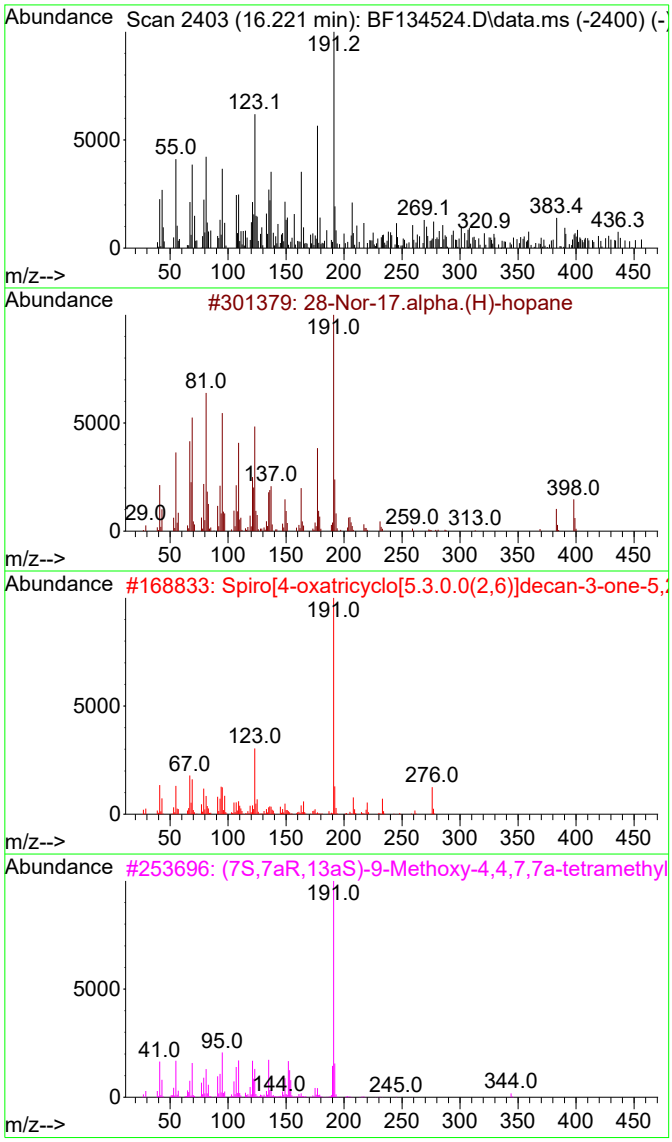
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

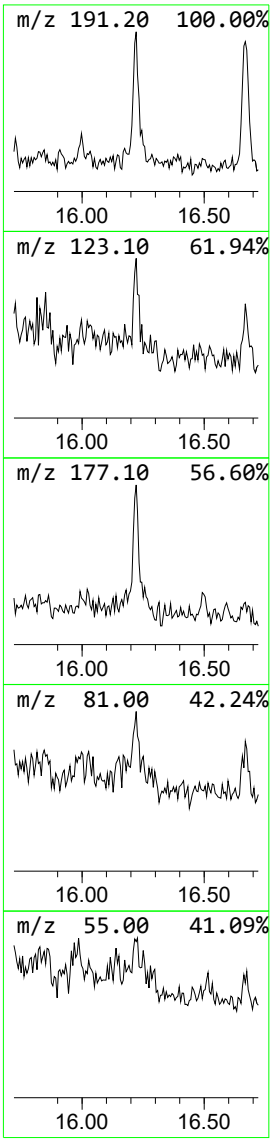
****

Peak Number 8 28-Nor-17.alpha.(H)-hopane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.221	6.00 ng	99964	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	64
2	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	49
3	(7S,7aR,13aS)-9-Methoxy-4,4,7,7a...	344	C22H32O3	1000482-45-3	46
4	Amiphenazole	191	C9H9N3S	000490-55-1	43
5	2-Amino-4-methyl-6-(2-thienyl)py...	191	C9H9N3S	026963-43-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072823\
Data File : BF134524.D
Acq On : 28 Jul 2023 19:59
Operator : CG\JU
Sample : 03753-01 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-2-072523

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072423.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
Phenanthrene, 1...	11.892	2.9	ng	52190	4	11.357	354874	20.0
4-Bromothiophen...	11.975	2.7	ng	47970	4	11.357	354874	20.0
unknown12.339	12.339	2.5	ng	45058	4	11.357	354874	20.0
Phenanthrene, 2...	12.416	2.0	ng	36019	4	11.357	354874	20.0
unknown12.439	12.439	2.3	ng	40344	4	11.357	354874	20.0
Pyrene, 1-methyl-	13.039	3.0	ng	57231	5	14.022	385572	20.0
Fluoranthene, 2...	13.245	3.0	ng	58854	5	14.022	385572	20.0
28-Nor-17.alpha...	16.221	6.0	ng	99964	6	15.521	332989	20.0