LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126418.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.822	290	295	300	rVB	15838	20617	1.33%	0.090%
2	4.987	490	493	498	rVB	25304	25789	1.66%	0.113%
3	5.398	559	563	567	rBV	1086412	949114	61.01%	4.164%
4	6.416	733	736	744	rBV	1061616	981719	63.10%	4.307%
5	6.798	797	801	804	rBV	1184469	978550	62.90%	4.293%
6	7.351	891	895	899	rBV	666255	609643	39.19%	2.675%
7	8.081	1015	1019	1021	rBV	1554022	1276248	82.04%	5.599%
8	8.098	1021	1022	1026	rVB	161888	120422	7.74%	0.528%
9	8.792	1137	1140	1144	rBV	71160	52691	3.39%	0.231%
10	8.892	1153	1157	1160	rBV	51283	39464	2.54%	0.173%
11	9.157	1198	1202	1205	rBV	1031019	858835	55.21%	3.768%
12	9.257	1214	1219	1222	rVB2	18064	22065	1.42%	0.097%
13	9.351	1233	1235	1241	rVB	20779	19180	1.23%	0.084%
14	9.422	1244	1247	1250	rVB2	14758	17994	1.16%	0.079%
15	9.492	1256	1259	1262	rBV	29499	28657	1.84%	0.126%
16	9.692	1290	1293	1298	rVB	19686	16229	1.04%	0.071%
17	9.833	1311	1317	1320	rBV	1384332	1104257	70.98%	4.844%
18	9.863	1320	1322	1326	rVB	268728	235460	15.14%	1.033%
19	9.992	1339	1344	1347	rBV2	23960	21748	1.40%	0.095%
20	10.039	1348	1352	1356	rVV	107978	92087	5.92%	0.404%
21	10.251	1383	1388	1390	rBV2	35166	39086	2.51%	0.171%
22	10.380	1406	1410	1416	rVB	209059	165081	10.61%	0.724%
23	10.433	1416	1419	1420	rBV	17843	19094	1.23%	0.084%
24	10.469	1423	1425	1427	rVB	34243	26067	1.68%	0.114%
25	10.539	1435	1437	1441	rVB	30714	27611	1.77%	0.121%
26	10.616	1447	1450	1455	rBV	422402	368306	23.67%	1.616%
27	10.745	1469	1472	1477	rVB4	24696	24960	1.60%	0.110%
28	10.810	1480	1483	1490	rBV5	8269	17202	1.11%	0.075%
29	10.927	1496	1503	1506	rBV2	33691	47006	3.02%	0.206%
30	11.122	1533	1536	1540	rVB	40104	35792	2.30%	0.157%
31	11.174	1540	1545	1549	rBV4	26596	49011	3.15%	0.215%
32	11.216	1549	1552	1557	rVB	101957	93920	6.04%	0.412%
33	11.316	1566	1569	1571	rBV	1007790	915240	58.83%	4.015%
34	11.345	1571	1574	1577	rVV	1406089	1255025	80.67%	5.506%
35	11.392	1579	1582	1585	rVV	458181	360796	23.19%	1.583%
36	11.427	1585	1588	1592	rVB	47305	42014	2.70%	0.184%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.545	1603	1608	1611	rBV2	177777	168551	10.83%	0.739%
38	11.616	1617	1620	1622	rBV	39229	30521	1.96%	0.134%
39	11.651	1622	1626	1629	rVB	44614	40835	2.62%	0.179%
40	11.733	1637	1640	1644	rVB2	31589	34269	2.20%	0.150%
41	11.774	1644	1647	1649	rBV2	15409	16495	1.06%	0.072%
42	11.821	1649	1655	1657	rVV	150308	150058	9.65%	0.658%
43	11.845	1657	1659	1664	rVV	206491	185910	11.95%	0.816%
44	11.892	1664	1667	1670	rVV2	79257	78487	5.05%	0.344%
45	11.933	1670	1674	1676	rVV	278581	287347	18.47%	1.261%
46	11.951	1676	1677	1681	rVB	101737	77650	4.99%	0.341%
47	12.021	1687	1689	1692	rBV2	28003	24316	1.56%	0.107%
48	12.116	1702	1705	1707	rBV	116981	93531	6.01%	0.410%
49	12.139	1707	1709	1716	rVB3	71358	68170	4.38%	0.299%
50	12.192	1716	1718	1723	rBV4	19211	26267	1.69%	0.115%
51	12.269	1725	1731	1733	rBV2	38386	50669	3.26%	0.222%
52	12.298	1733	1736	1737	rBV2	30101	24984	1.61%	0.110%
53	12.316	1737	1739	1742	rVB2	32442	31094	2.00%	0.136%
54	12.369	1744	1748	1751	rBV	84944	95016	6.11%	0.417%
55	12.410	1751	1755	1757	rVV3	45929	63864	4.11%	0.280%
56	12.451	1760	1762	1767	rBV3	57060	73335	4.71%	0.322%
57	12.533	1772	1776	1779	rBV	1572491	1382308	88.85%	6.064%
58	12.680	1794	1801	1805	rBV2	67833	113691	7.31%	0.499%
59	12.763	1809	1815	1817	rBV	1326395	1555696	100.00%	6.825%
60	12.810	1820	1823	1828	rVB2	65557	76352	4.91%	0.335%
61	12.880	1831	1835	1836	rBV	77867	77410	4.98%	0.340%
62	12.904	1836	1839	1846	rVB2	710327	681997	43.84%	2.992%
63	12.974	1846	1851	1855	rBV2	80522	142517	9.16%	0.625%
64	13.004	1855	1856	1859	rVB	49593	37538	2.41%	0.165%
65	13.039	1859	1862	1863	rBV3	26677	31401	2.02%	0.138%
66	13.063	1863	1866	1868	rBV5	61246	68656	4.41%	0.301%
67	13.086	1868	1870	1873	rVB	211889	178665	11.48%	0.784%
68	13.116	1873	1875	1878	rBV2	20684	23966	1.54%	0.105%
69	13.151	1878	1881	1884	rBV	192529	167654	10.78%	0.736%
70	13.192	1884	1888	1890	rBV	129680	148842	9.57%	0.653%
71	13.216	1890	1892	1895	rVB	73121	61146	3.93%	0.268%
72	13.245	1895	1897	1900	rBV2	30931	26368	1.69%	0.116%
73	13.280	1901	1903	1906	rVB	73726	59158	3.80%	0.260%
74	13.316	1906	1909	1912	rBV	81421	86927	5.59%	0.381%
75	13.592	1954	1956	1961	rVB	65987	74647	4.80%	0.327%
76	13.704	1971	1975	1978	rBV3	114702	162906	10.47%	0.715%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

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-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.733	1978	1980	1982	rVV	129240	106413	6.84%	0.467%
78	13.757	1982	1984	1988	rVV2	95722	125609	8.07%	0.551%
79	13.798	1989	1991	1995	rVB	54827	53902	3.46%	0.236%
80	13.957	2013	2018	2020	rBV2	988817	1376690	88.49%	6.040%
81	13.980	2020	2022	2028	rVB	623721	579401	37.24%	2.542%
82	14.063	2033	2036	2038	rVV	122561	92445	5.94%	0.406%
83	14.345	2081	2084	2086	rVB	93049	85934	5.52%	0.377%
84	14.468	2102	2105	2107	rBV2	55928	67871	4.36%	0.298%
85	14.986	2188	2193	2196	rBV	398087	647720	41.64%	2.842%
86	15.086	2208	2210	2215	rVB	91976	87853	5.65%	0.385%
87	15.274	2239	2242	2249	rVB	285890	367543	23.63%	1.612%
88	15.339	2249	2253	2258	rVB	375758	448023	28.80%	1.966%
89	15.398	2259	2263	2266	rBV	457713	561853	36.12%	2.465%
90	15.427	2266	2268	2275	rVB2	117452	152530	9.80%	0.669%
91	16.809	2500	2503	2511	rVB2	159597	304086	19.55%	1.334%

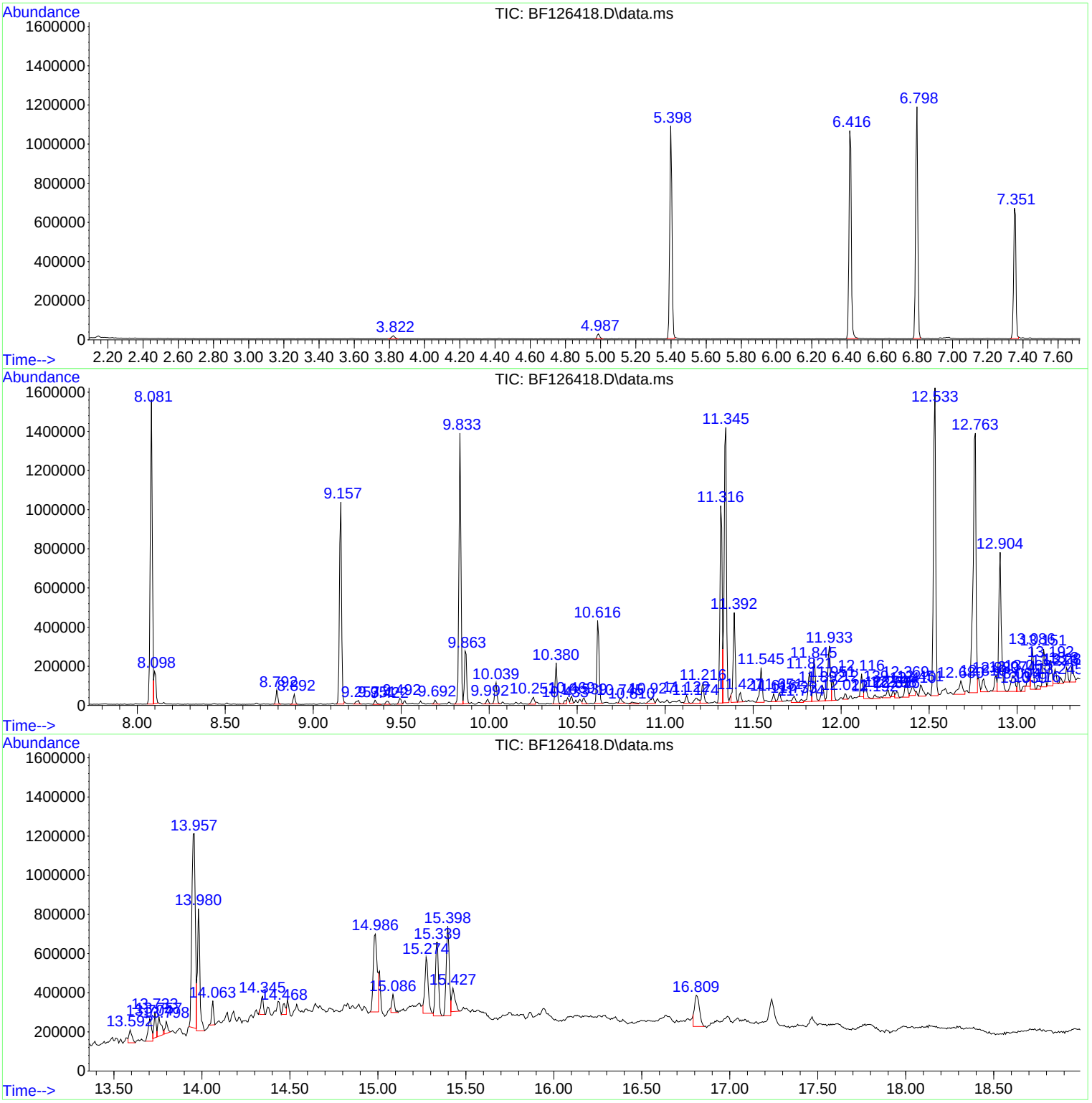
Sum of corrected areas: 22794067

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

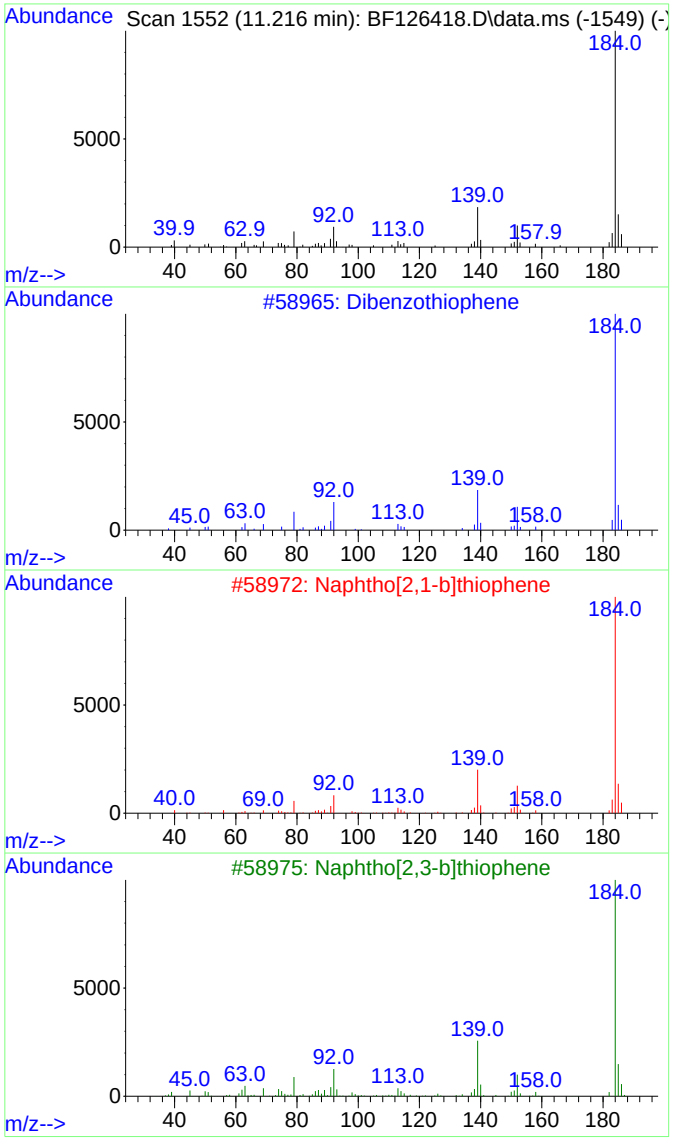
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

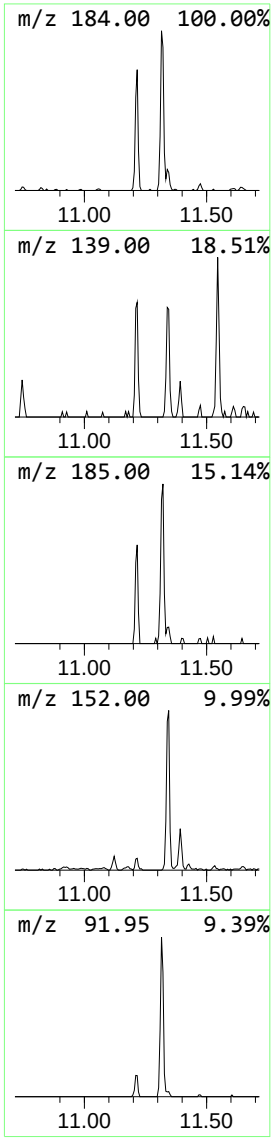
****

Peak Number 1 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	2.05 ng	93920	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

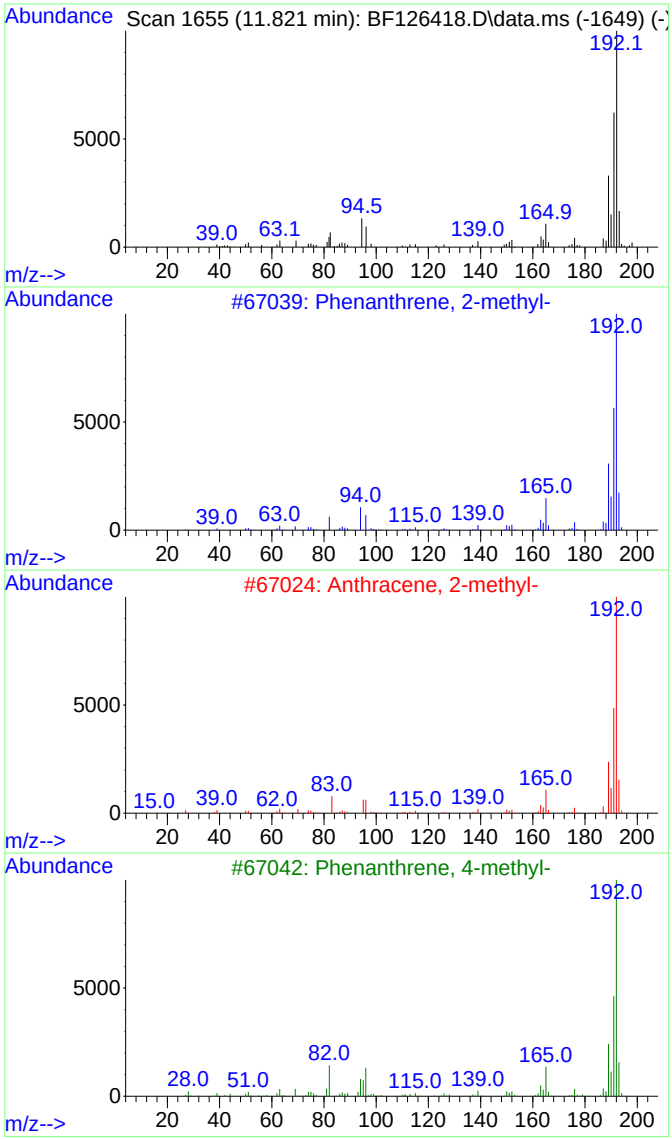
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

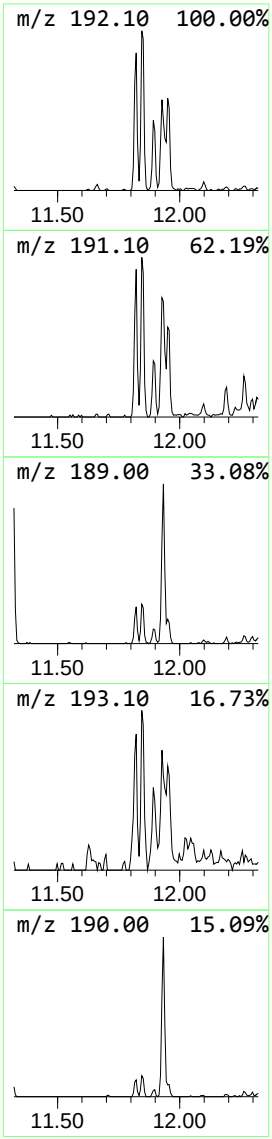
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.822	3.28 ng	150058	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

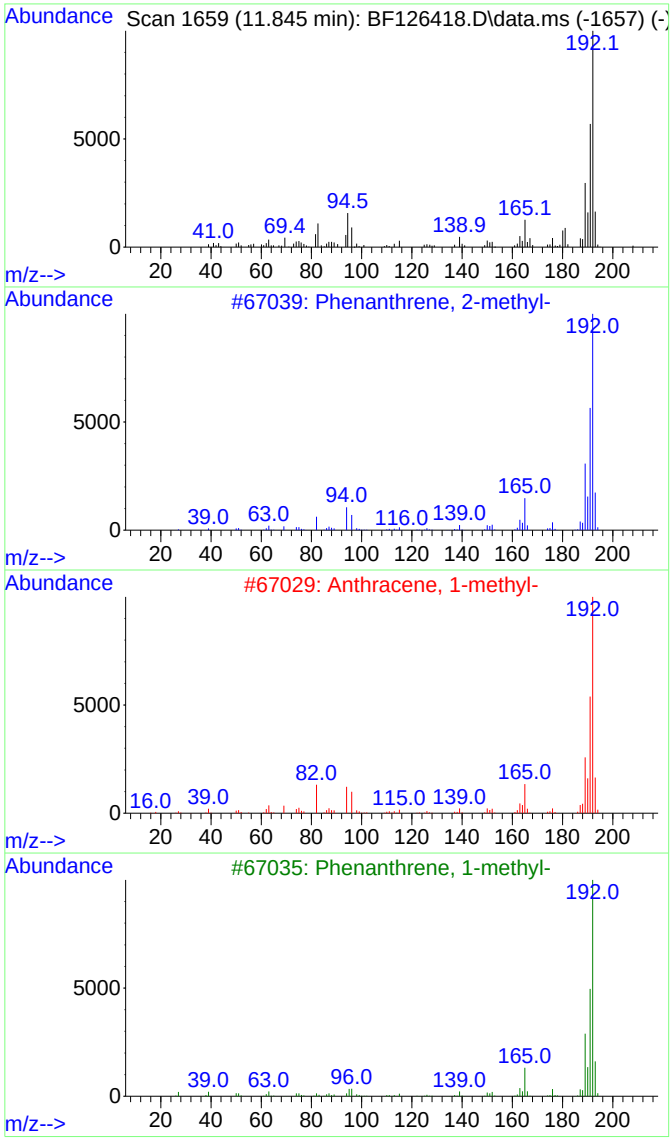
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

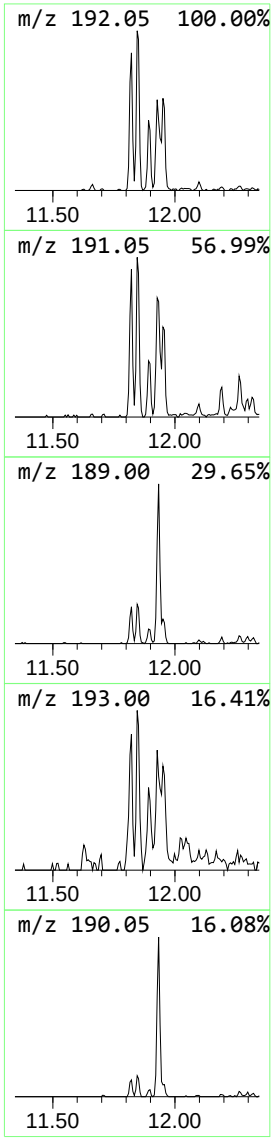
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	4.06 ng	185910	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

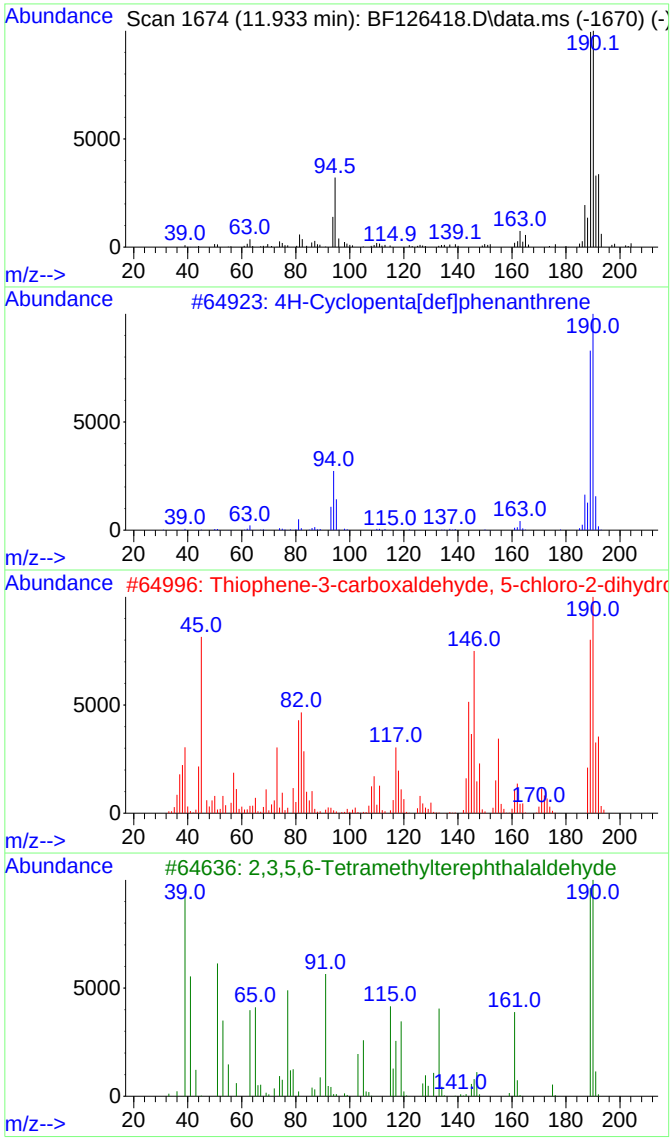
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

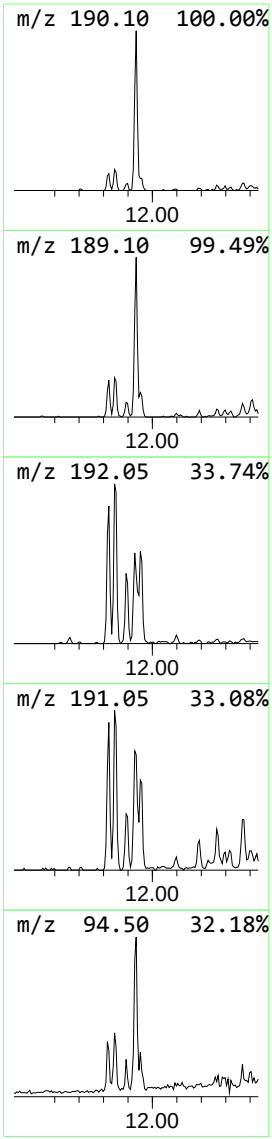
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	6.28 ng	287347	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	49
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

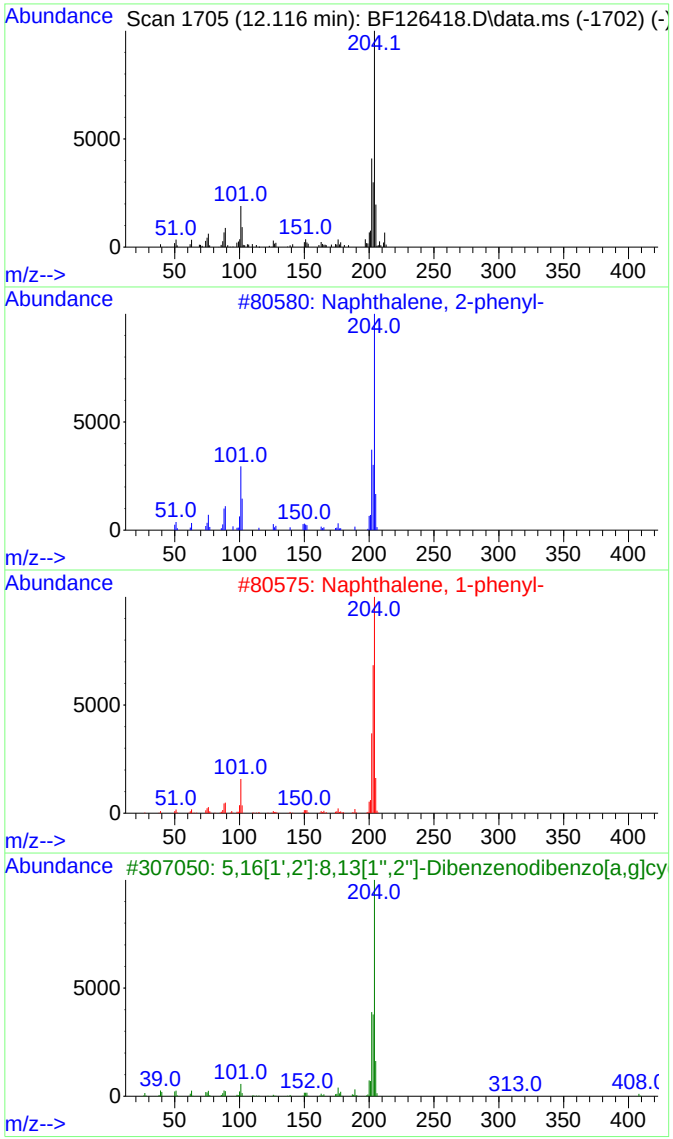
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

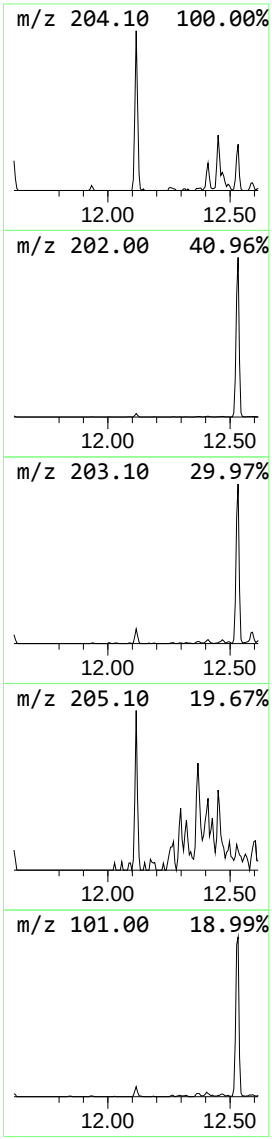
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.116	2.04 ng	93531	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

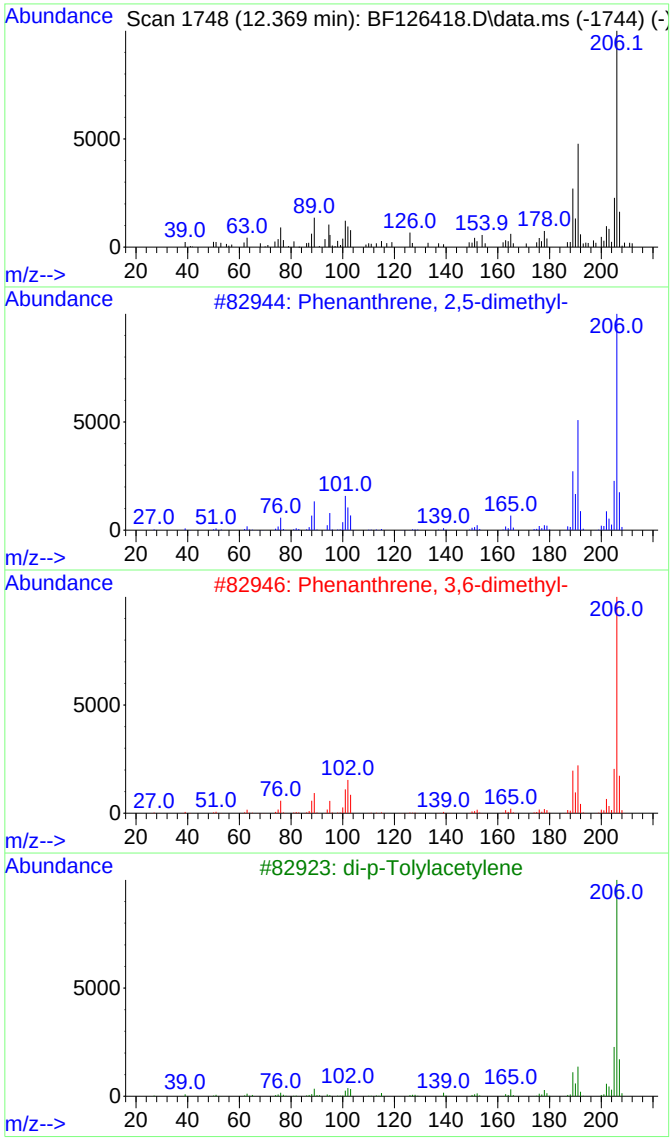
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

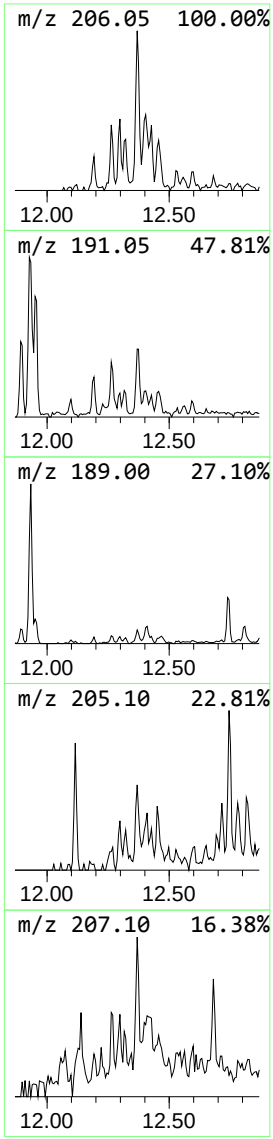
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.08 ng	95016	Phenanthrene-d10	11.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

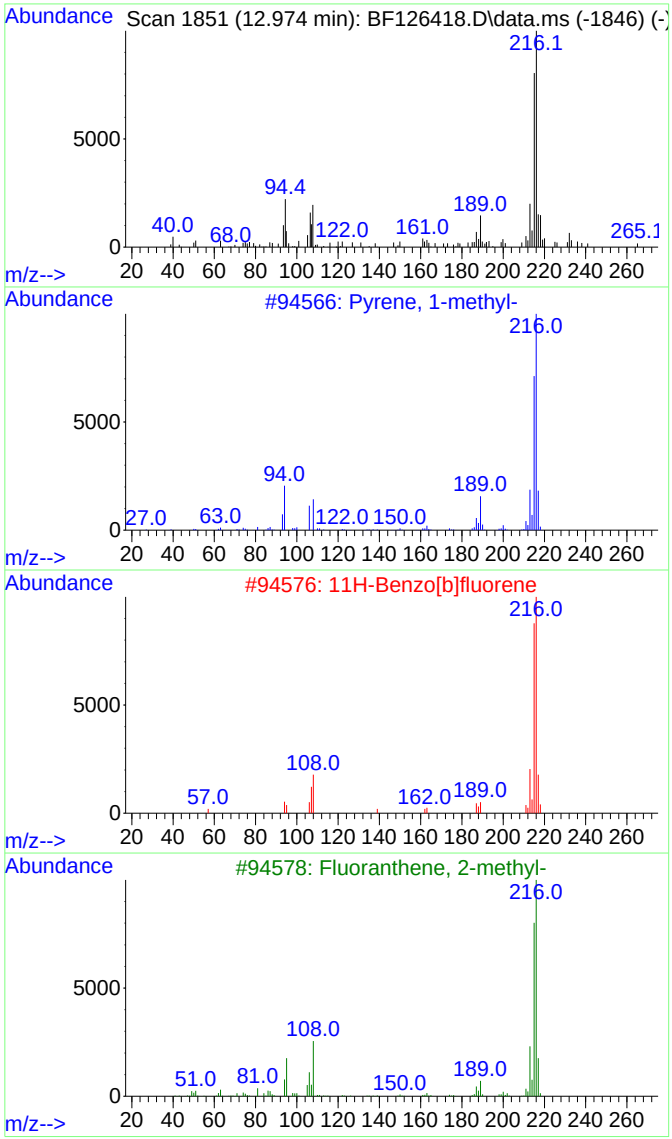
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

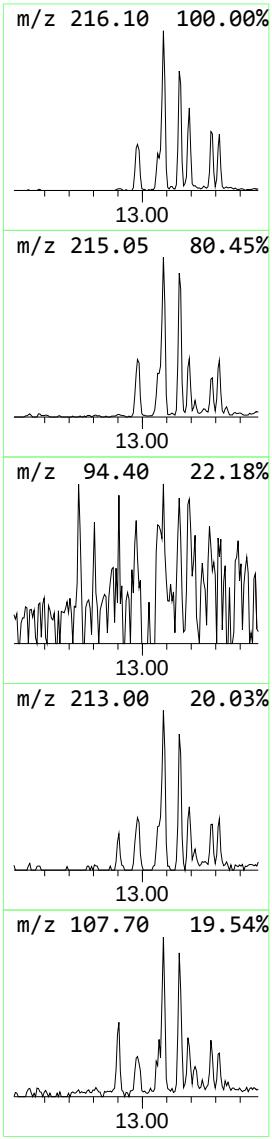
****

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.974	2.07 ng	142517	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

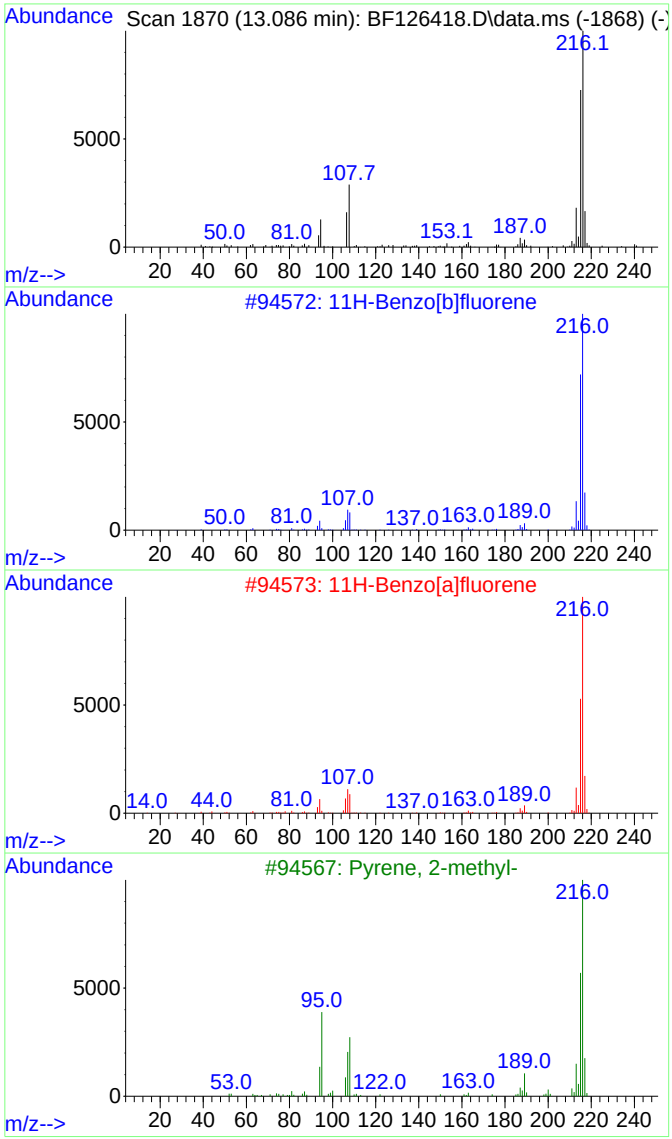
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

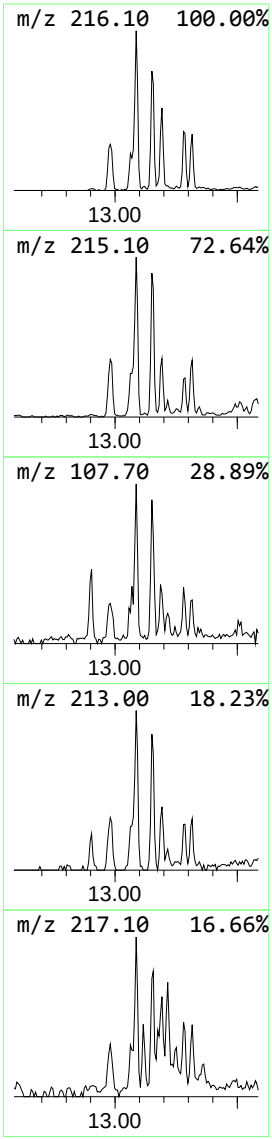
****

Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.60 ng	178665	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

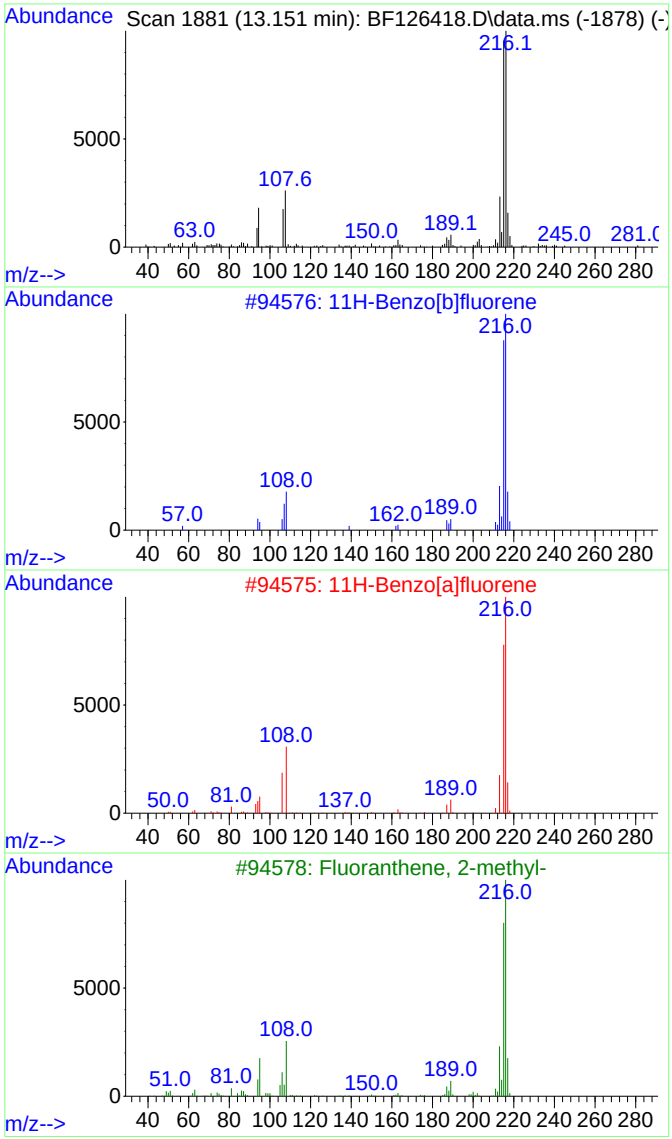
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

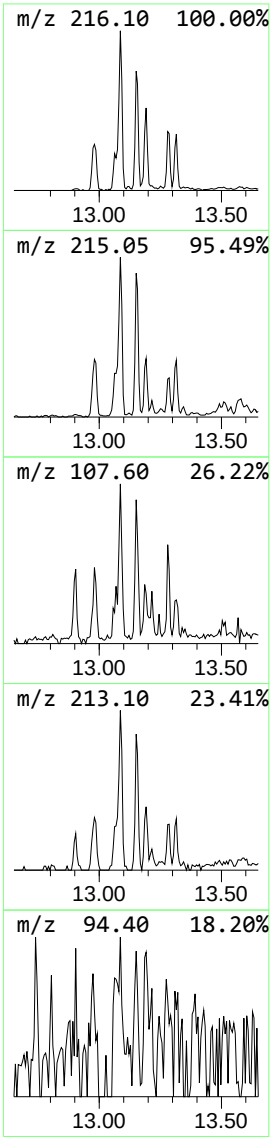
****

Peak Number 9 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.44 ng	167654	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

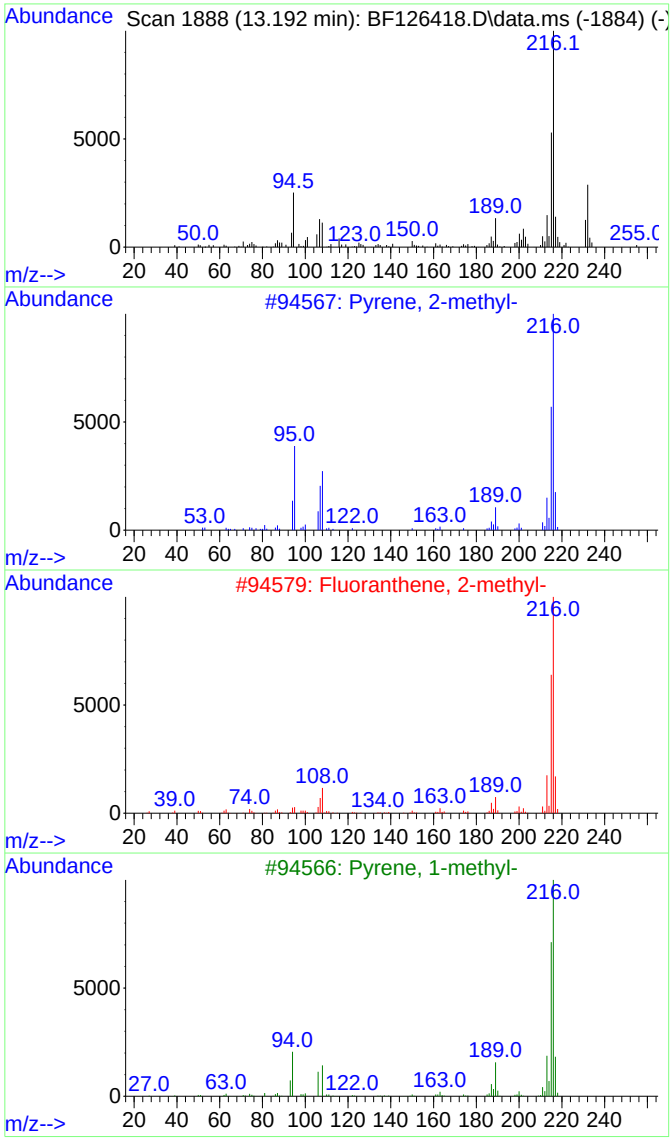
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

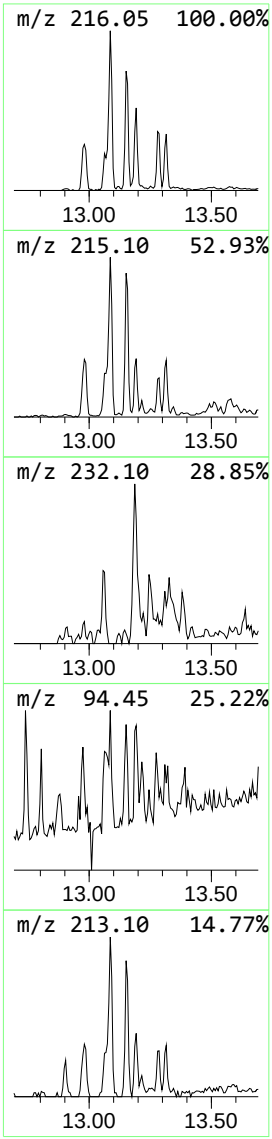
****

Peak Number 10 Pyrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.192	2.16 ng	148842	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

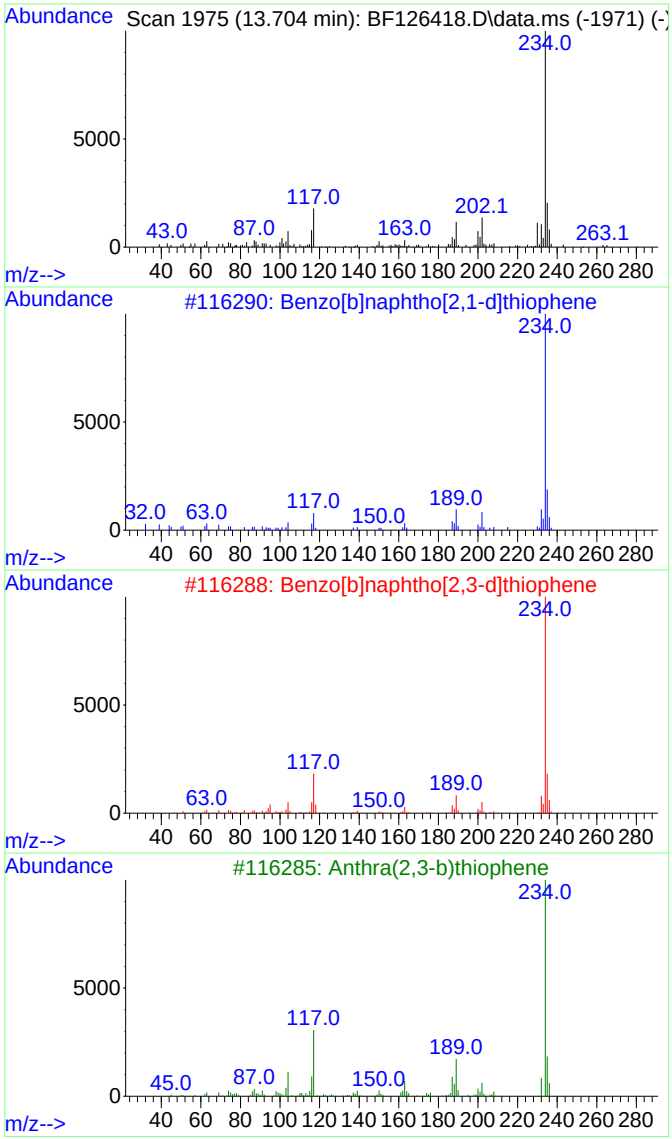
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

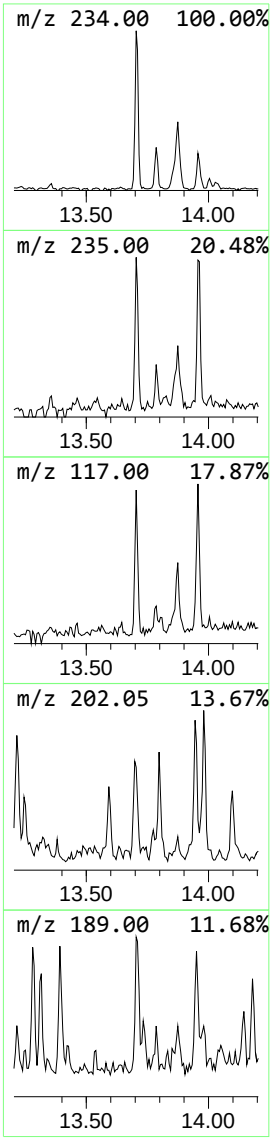
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	2.37 ng	162906	Chrysene-d12	13.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

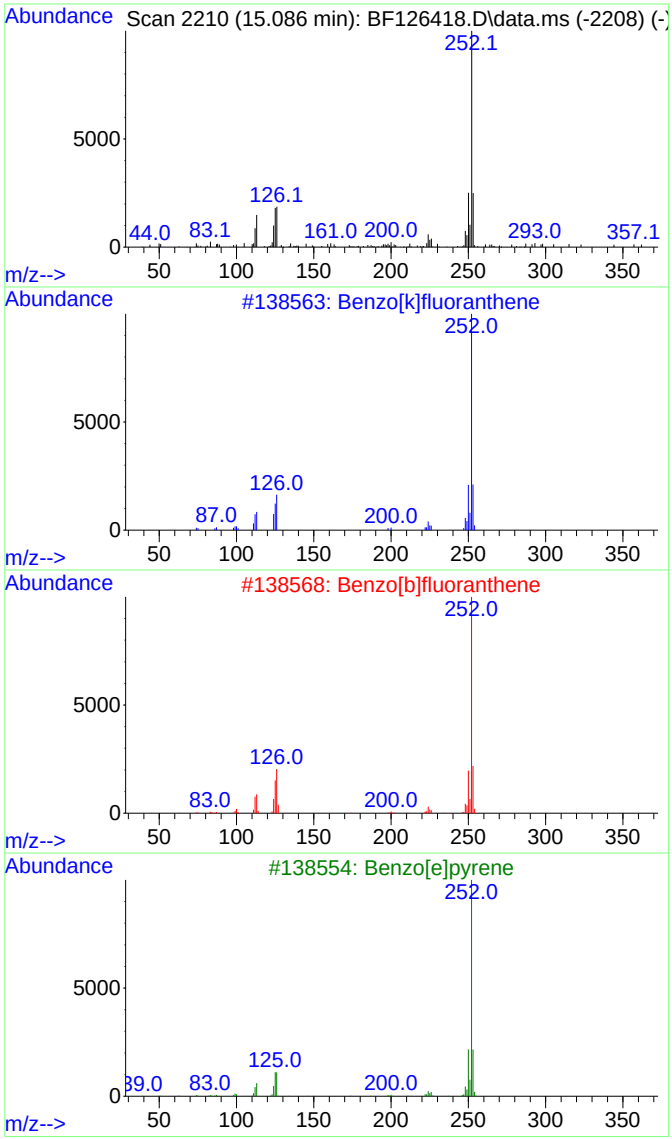
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

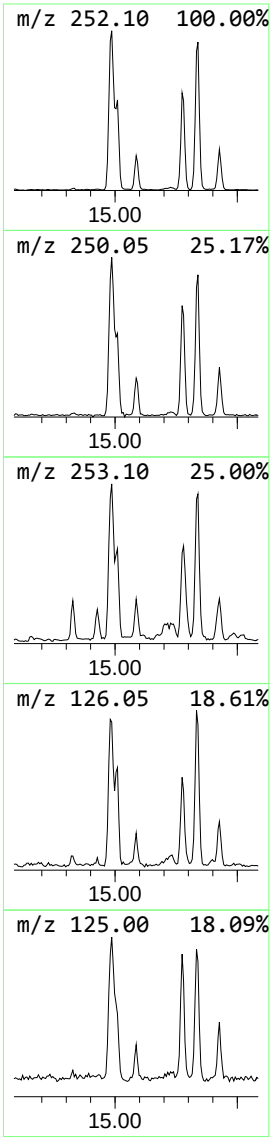
****

Peak Number 12 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.086	3.13 ng	87853	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

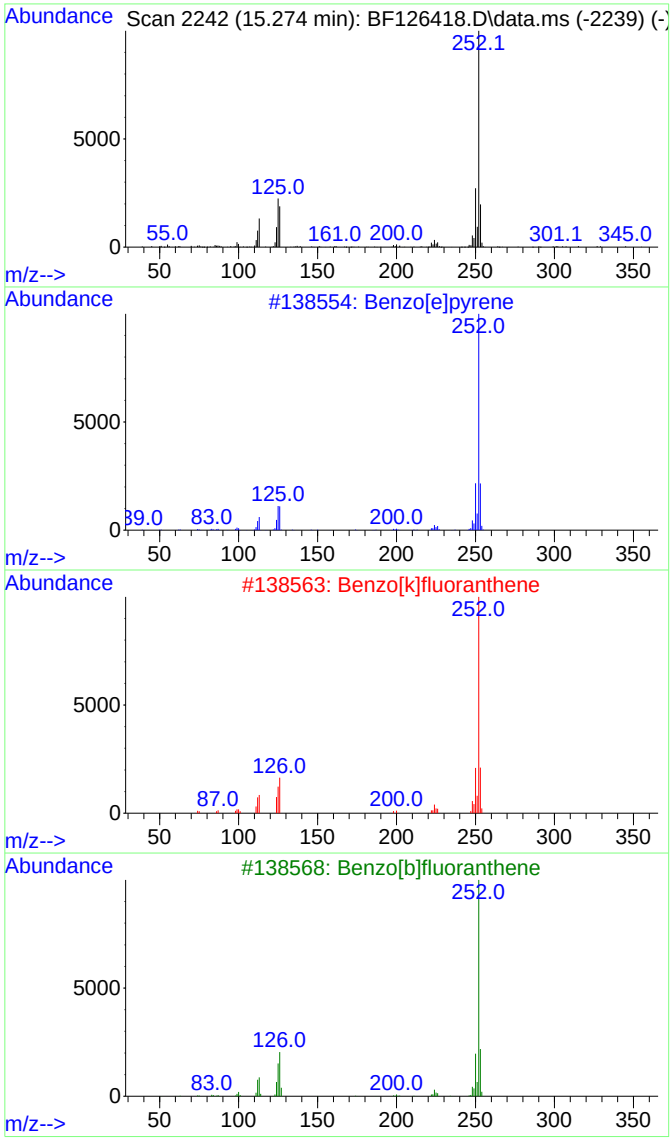
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

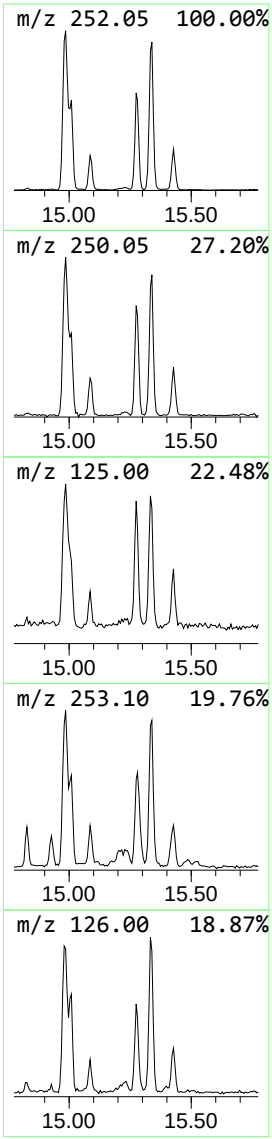
****

Peak Number 13 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.274	13.08 ng	367543	Perylene-d12	15.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
Data File : BF126418.D
Acq On : 30 Dec 2021 14:15
Operator : JU/CG
Sample : M5239-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SASP2-123-1-0-5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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
Dibenzothiophene	11.216	2.0	ng	93920	4	11.316	915240	20.0
Anthracene, 2-m...	11.822	3.3	ng	150058	4	11.316	915240	20.0
Phenanthrene, 2...	11.845	4.1	ng	185910	4	11.316	915240	20.0
4H-Cyclopenta[d...	11.933	6.3	ng	287347	4	11.316	915240	20.0
Naphthalene, 2-...	12.116	2.0	ng	93531	4	11.316	915240	20.0
Phenanthrene, 2...	12.368	2.1	ng	95016	4	11.316	915240	20.0
Pyrene, 1-methyl-	12.974	2.1	ng	142517	5	13.957	1376690	20.0
11H-Benzo[b]flu...	13.086	2.6	ng	178665	5	13.957	1376690	20.0
11H-Benzo[a]flu...	13.151	2.4	ng	167654	5	13.957	1376690	20.0
Pyrene, 2-methyl-	13.192	2.2	ng	148842	5	13.957	1376690	20.0
Benzo[b]naphtho...	13.704	2.4	ng	162906	5	13.957	1376690	20.0
Benzo[e]pyrene	15.086	3.1	ng	87853	6	15.398	561853	20.0
Perylene	15.274	13.1	ng	367543	6	15.398	561853	20.0