LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129113.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.075	300	304	309	rVB	50746	62362	1.94%	0.152%
2	5.575	555	559	562	rBV	3505308	2998857	93.06%	7.320%
3	6.575	724	729	732	rBV	3423329	2944752	91.38%	7.188%
4	6.598	732	733	743	rVV	84809	100243	3.11%	0.245%
5	6.692	746	749	754	rVB	46601	42437	1.32%	0.104%
6	6.957	790	794	797	rBV	2659875	2084350	64.68%	5.088%
7	7.516	885	889	892	rBV	2363061	1819016	56.45%	4.440%
8	8.239	1008	1012	1015	rBV	3264369	2619286	81.28%	6.393%
9	9.316	1191	1195	1198	rBV	3501273	3222515	100.00%	7.866%
10	9.386	1204	1207	1210	rVB2	35189	37783	1.17%	0.092%
11	9.580	1236	1240	1243	rBV2	46419	51329	1.59%	0.125%
12	9.857	1284	1287	1290	rBV	104122	97900	3.04%	0.239%
13	9.998	1305	1311	1315	rBV	2842312	2471454	76.69%	6.033%
14	10.033	1315	1317	1325	rVB	113077	110937	3.44%	0.271%
15	10.204	1342	1346	1349	rVB2	53965	55432	1.72%	0.135%
16	10.416	1376	1382	1386	rVB3	35552	61458	1.91%	0.150%
17	10.545	1401	1404	1409	rBV	92051	96890	3.01%	0.237%
18	10.704	1426	1431	1435	rVB3	39873	52864	1.64%	0.129%
19	10.786	1442	1445	1460	rVB	1857591	1595459	49.51%	3.894%
20	10.892	1460	1463	1464	rBV	45944	38074	1.18%	0.093%
21	11.098	1493	1498	1500	rBV2	47141	57985	1.80%	0.142%
22	11.122	1500	1502	1506	rBV3	30395	38224	1.19%	0.093%
23	11.222	1515	1519	1521	rBV4	27966	38369	1.19%	0.094%
24	11.339	1536	1539	1542	rBV3	54194	65440	2.03%	0.160%
25	11.386	1545	1547	1551	rVB	79762	72727	2.26%	0.178%
26	11.492	1561	1565	1567	rBV	2719222	2129085	66.07%	5.197%
27	11.516	1567	1569	1573	rVV	1279056	950096	29.48%	2.319%
28	11.569	1574	1578	1581	rVV	389760	318281	9.88%	0.777%
29	11.651	1589	1592	1597	rVB5	24339	34606	1.07%	0.084%
30	11.721	1601	1604	1609	rVV	86667	91751	2.85%	0.224%
31	11.821	1619	1621	1625	rBV	61199	62985	1.95%	0.154%
32	11.910	1633	1636	1637	rBV	41025	42334	1.31%	0.103%
33	11.998	1647	1651	1653	rBV2	286182	326607	10.14%	0.797%
34	12.021	1653	1655	1659	rVV	293000	235350	7.30%	0.574%
35	12.069	1661	1663	1666	rVV	122950	98310	3.05%	0.240%
36	12.110	1666	1670	1672	rVV2	324426	354885	11.01%	0.866%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

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-BF062922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.127	1672	1673	1676	rVB	154557	108525	3.37%	0.265%
38	12.174	1679	1681	1683	rBV2	37074	33898	1.05%	0.083%
39	12.227	1687	1690	1692	rVV2	44703	45409	1.41%	0.111%
40	12.292	1698	1701	1703	rBV	123966	114071	3.54%	0.278%
41	12.316	1703	1705	1709	rVB2	80145	75619	2.35%	0.185%
42	12.439	1724	1726	1729	rVB	56024	36204	1.12%	0.088%
43	12.469	1729	1731	1733	rBV	64407	49216	1.53%	0.120%
44	12.545	1741	1744	1746	rBV	143469	136364	4.23%	0.333%
45	12.633	1756	1759	1764	rBV2	128249	193396	6.00%	0.472%
46	12.710	1769	1772	1776	rBV	1899924	1527693	47.41%	3.729%
47	12.945	1805	1812	1814	rBV	1613173	1890427	58.66%	4.614%
48	13.080	1831	1835	1838	rBV	2765343	2283768	70.87%	5.574%
49	13.268	1864	1867	1870	rVB	372436	343805	10.67%	0.839%
50	13.339	1876	1879	1881	rVB	225125	202378	6.28%	0.494%
51	13.374	1882	1885	1888	rVV2	217807	218860	6.79%	0.534%
52	13.468	1899	1901	1903	rBV	145064	104815	3.25%	0.256%
53	14.145	2011	2016	2019	rBV2	2381067	3028710	93.99%	7.393%
54	14.168	2019	2020	2026	rVB	831136	589243	18.29%	1.438%
55	14.239	2029	2032	2038	rVB2	390328	503082	15.61%	1.228%
56	15.215	2195	2198	2202	rBV	738125	1117737	34.69%	2.728%
57	15.539	2251	2253	2259	rVB	508370	582685	18.08%	1.422%
58	15.604	2261	2264	2271	rVB	709164	899138	27.90%	2.195%
59	15.674	2272	2276	2279	rBV	1145071	1402768	43.53%	3.424%

Sum of corrected areas: 40968244

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
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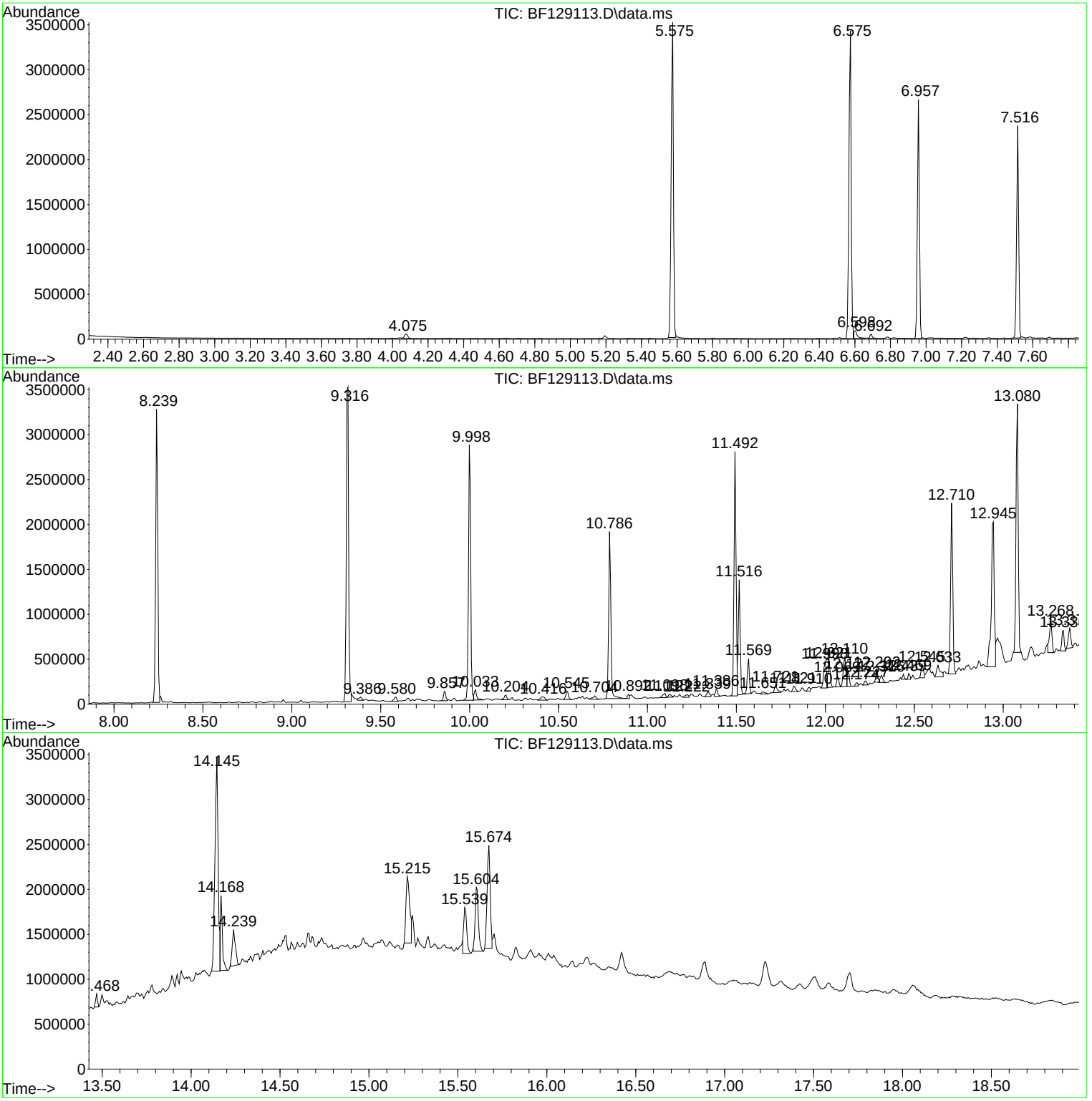
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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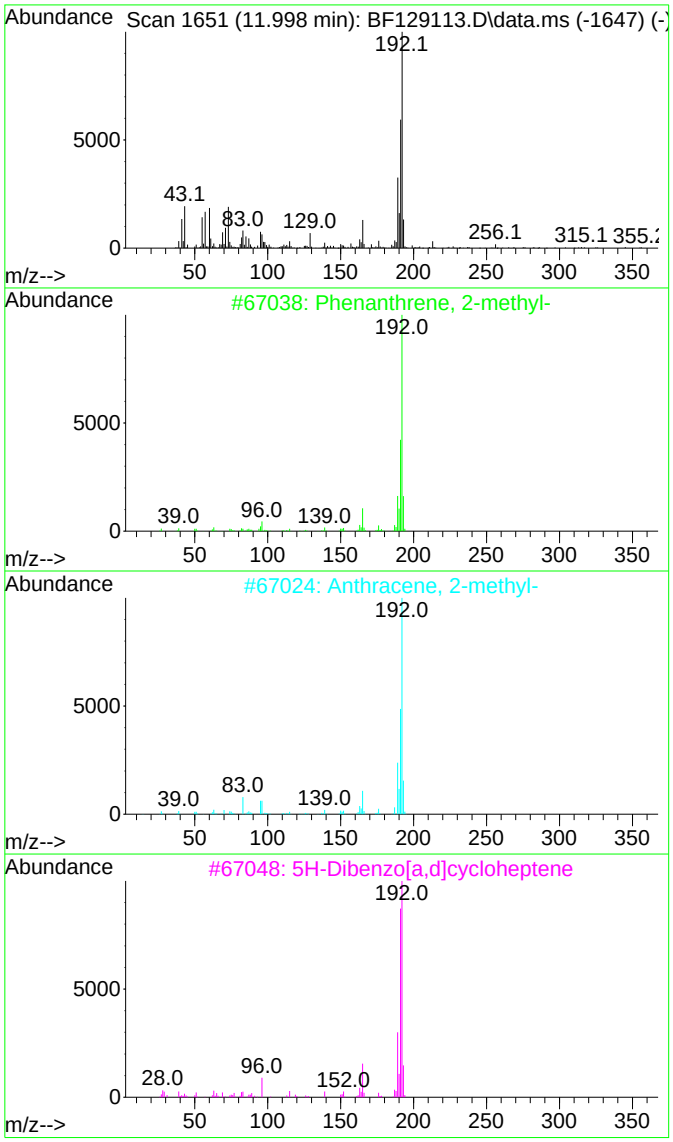
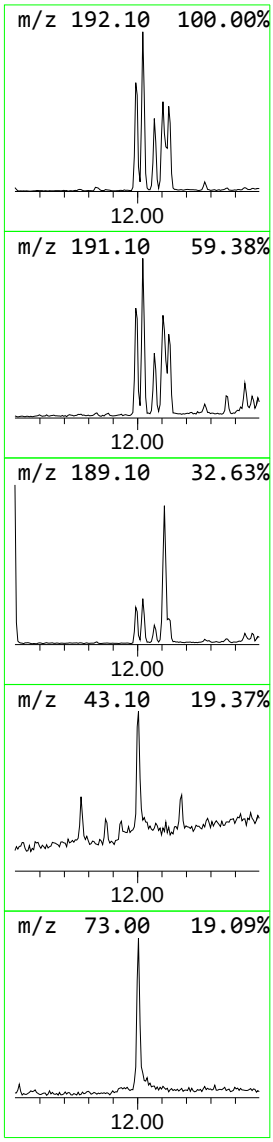
Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	3.07 ng	326607	Phenanthrene-d10	11.492

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	96
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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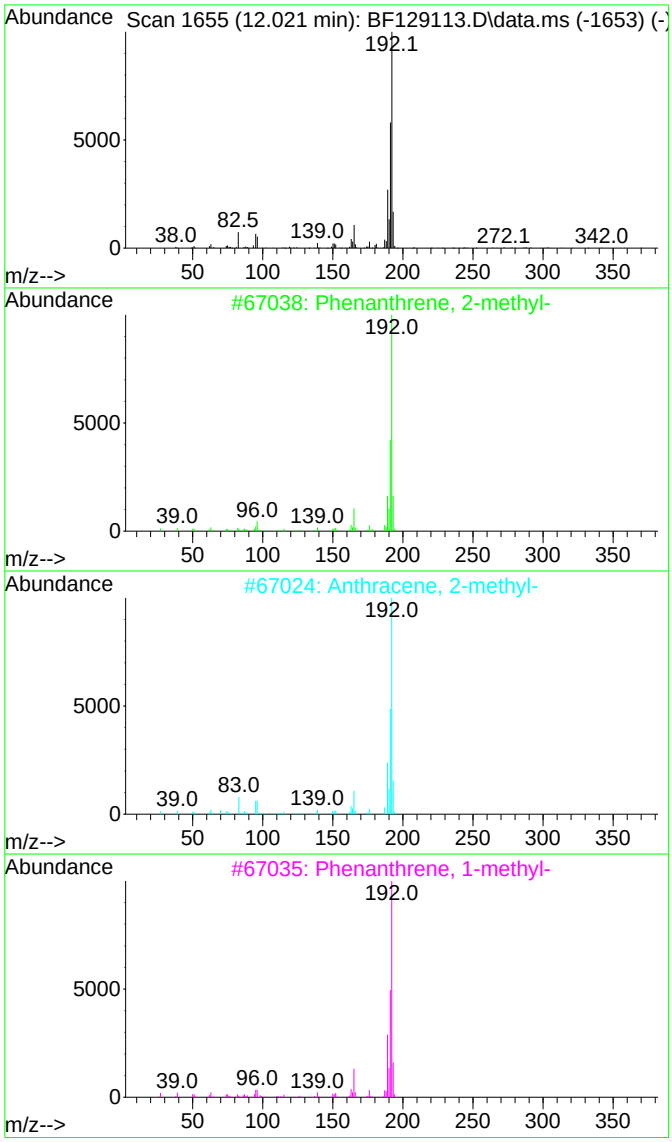
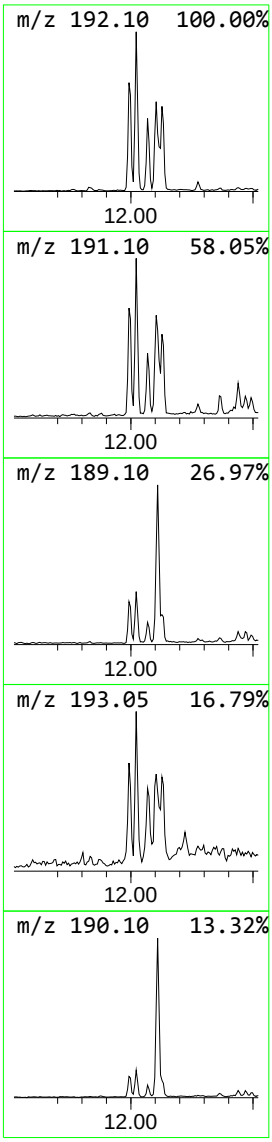
Peak Number 2 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.21 ng	235350	Phenanthrene-d10	11.492

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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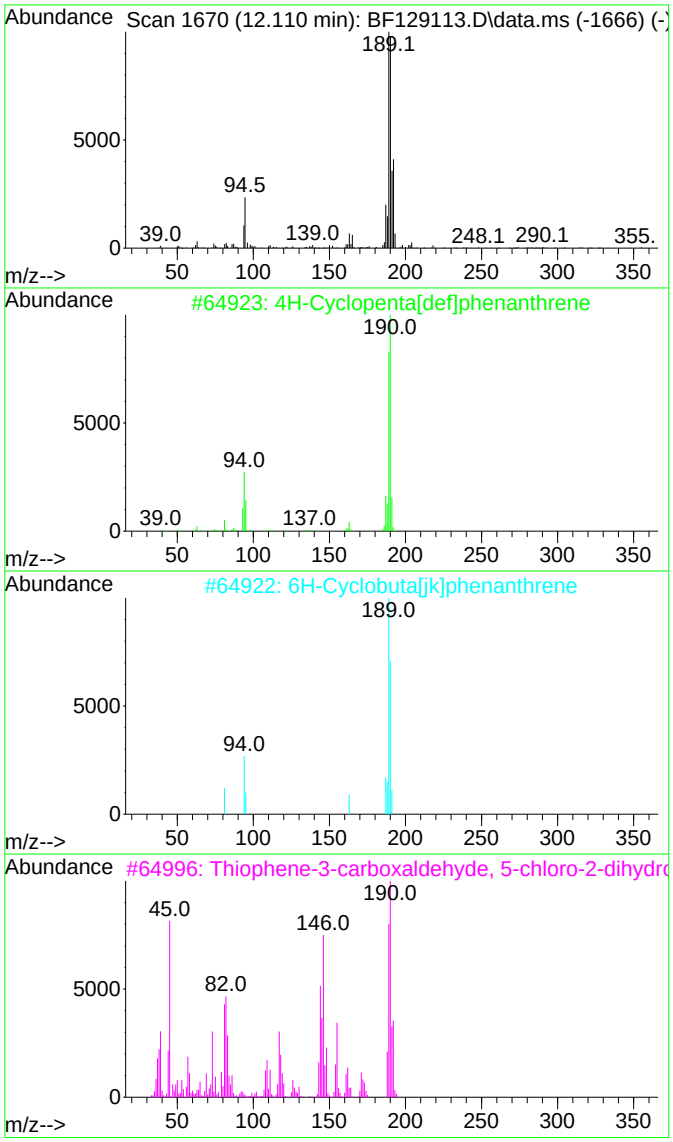
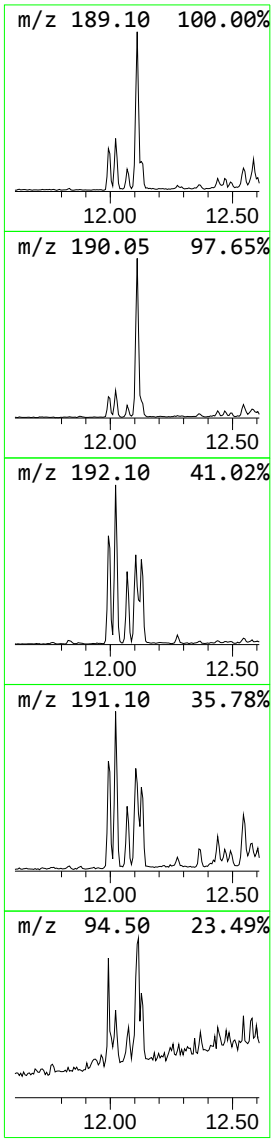
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.110	3.33 ng	354885	Phenanthrene-d10	11.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	32





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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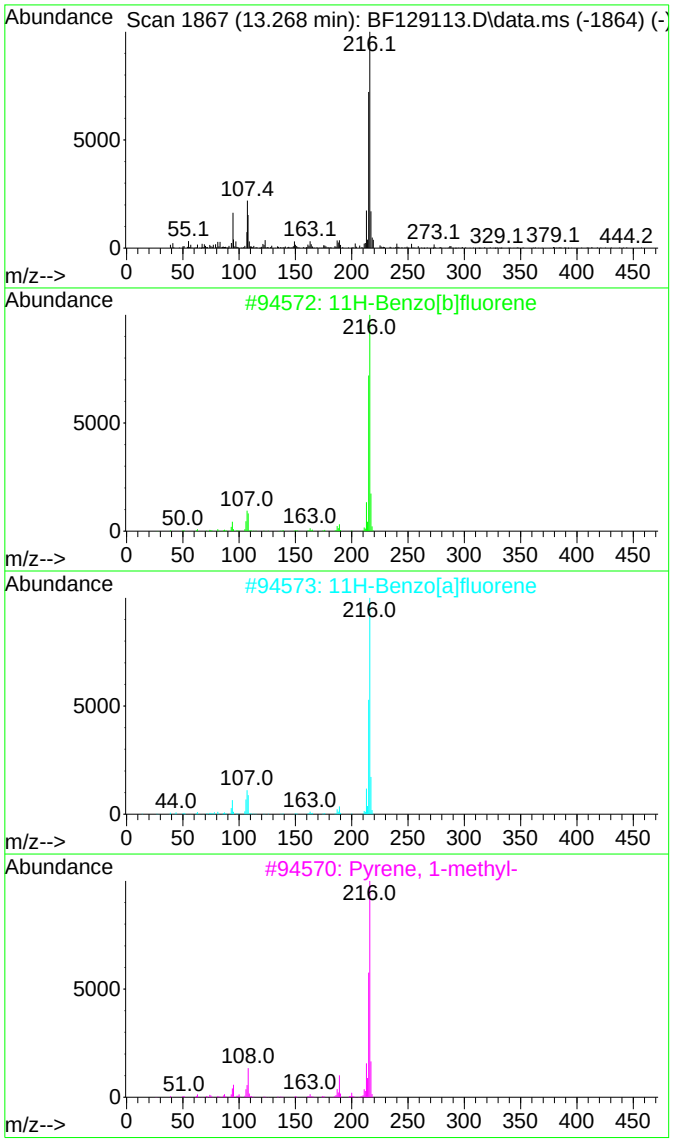
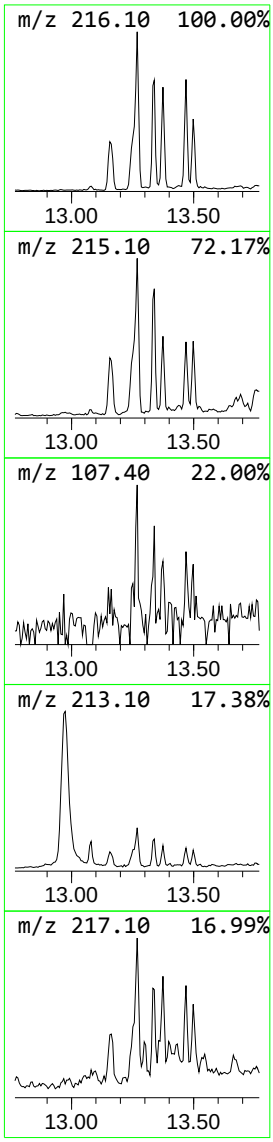
Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	2.27 ng	343805	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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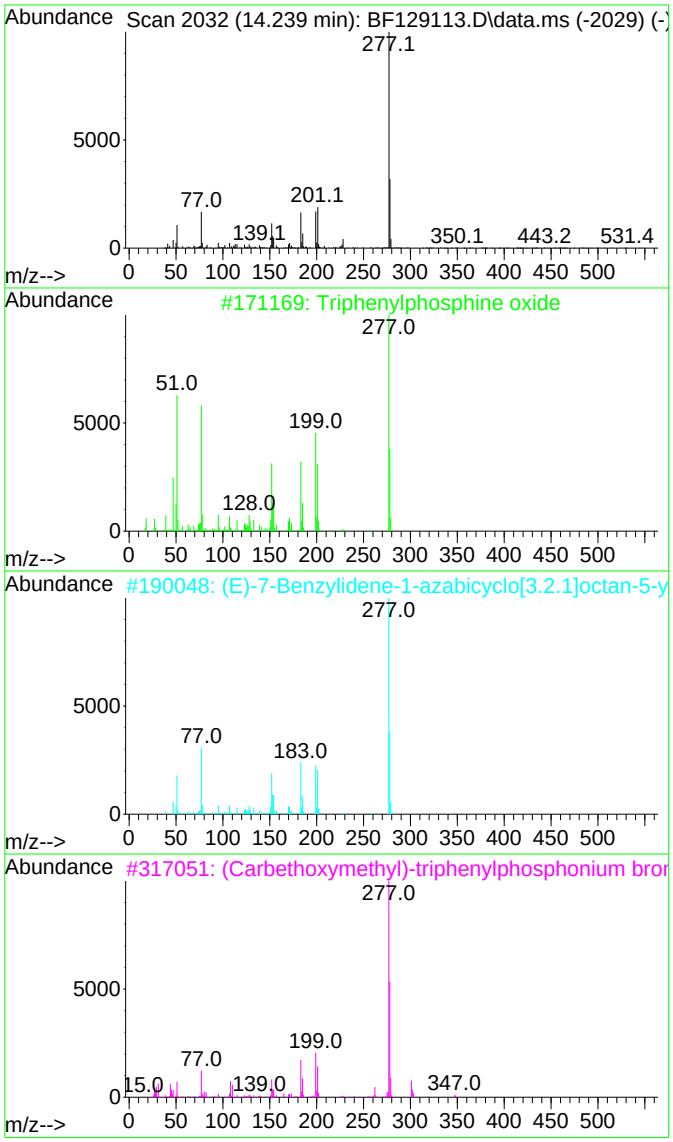
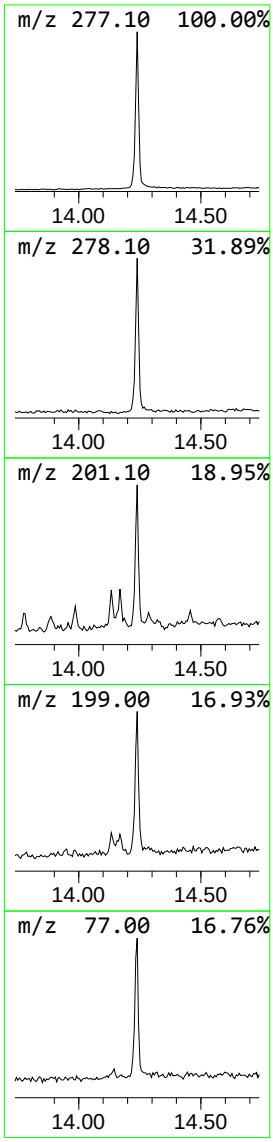
Peak Number 5 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	3.32 ng	503082	Chrysene-d12	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	97
2	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	91
3	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	50
4	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	38
5	Cobalt,(.eta.<5>-2,4-cyclopentad...	277	C16H15BCo	036682-12-9	28





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Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

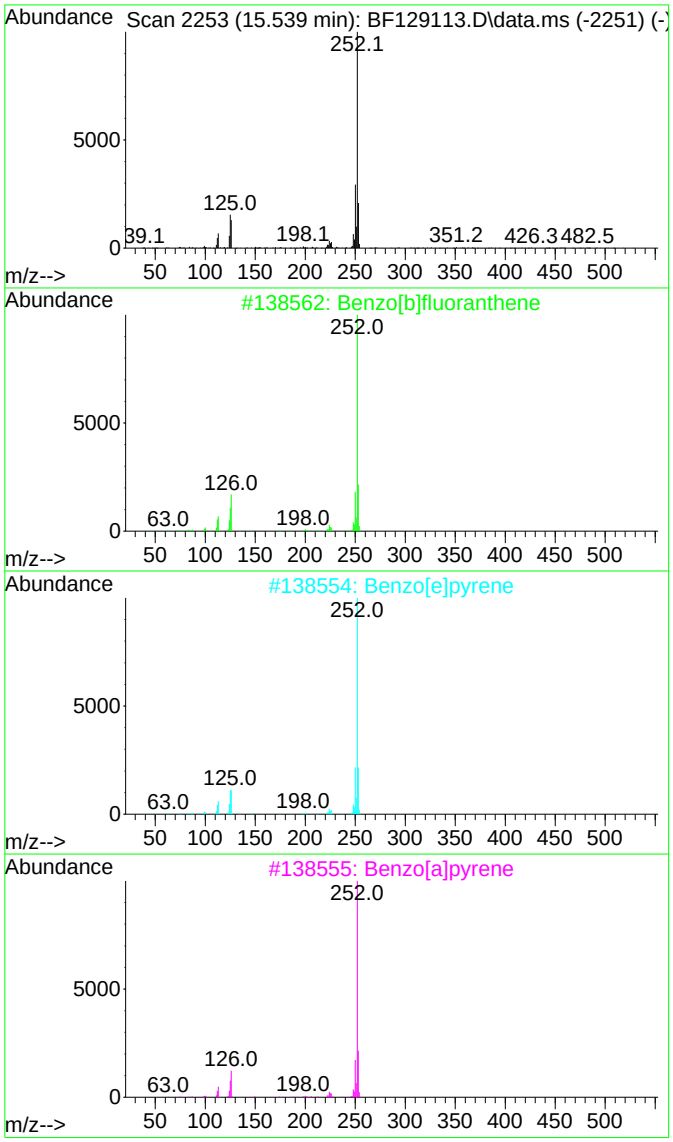
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

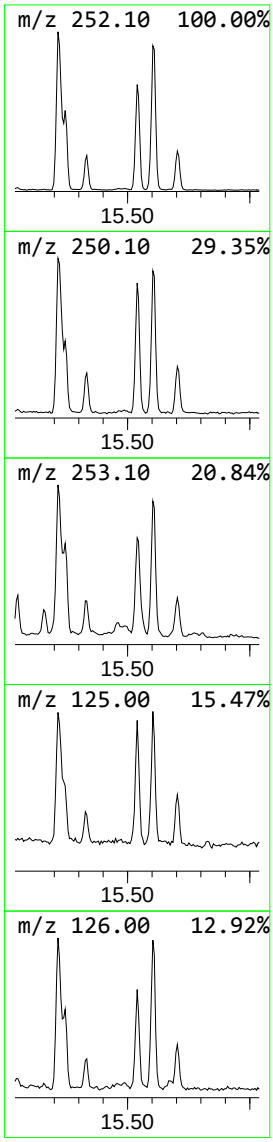
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.539	8.31 ng	582685	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070122\
Data File : BF129113.D
Acq On : 02 Jul 2022 02:00
Operator : CG\JU
Sample : N3562-14 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-13

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.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, 2...	11.998	3.1	ng	326607	4	11.492	2129090	20.0
Anthracene, 2-m...	12.022	2.2	ng	235350	4	11.492	2129090	20.0
4H-Cyclopenta[d...	12.110	3.3	ng	354885	4	11.492	2129090	20.0
11H-Benzo[b]flu...	13.268	2.3	ng	343805	5	14.145	3028710	20.0
Triphenylphosph...	14.239	3.3	ng	503082	5	14.145	3028710	20.0
Benzo[e]pyrene	15.539	8.3	ng	582685	6	15.674	1402770	20.0