LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-4

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	468	471	477	rVB	64027	63656	2.49%	0.265%
2	5.510	543	548	558	rBV	2130430	2334377	91.24%	9.716%
3	6.534	717	722	729	rBV	1799067	2264895	88.52%	9.427%
4	6.587	729	731	740	rVB	34242	39554	1.55%	0.165%
5	6.840	771	774	778	rBV	719623	635990	24.86%	2.647%
6	7.410	860	871	874	rBV	1729146	1589481	62.12%	6.616%
7	8.128	989	993	995	rBV	910301	737761	28.83%	3.071%
8	9.204	1171	1176	1179	rBV	3179132	2558601	100.00%	10.650%
9	9.539	1230	1233	1235	rBV	32574	31385	1.23%	0.131%
10	9.880	1285	1291	1294	rBV	925193	765294	29.91%	3.185%
11	9.916	1294	1297	1300	rVB	59805	54419	2.13%	0.227%
12	10.086	1323	1326	1329	rVB	49015	39987	1.56%	0.166%
13	10.428	1381	1384	1390	rBV2	68378	64181	2.51%	0.267%
14	10.586	1408	1411	1416	rVB	44526	40697	1.59%	0.169%
15	10.680	1422	1427	1430	rBV	1405097	1242373	48.56%	5.171%
16	10.798	1442	1447	1454	rVB3	44057	73875	2.89%	0.307%
17	10.980	1473	1478	1480	rBV3	31928	45597	1.78%	0.190%
18	11.104	1494	1499	1501	rBV3	27880	33568	1.31%	0.140%
19	11.127	1501	1503	1508	rVB	32454	31695	1.24%	0.132%
20	11.216	1515	1518	1524	rBV4	29497	48737	1.90%	0.203%
21	11.269	1524	1527	1532	rVB	56543	60076	2.35%	0.250%
22	11.369	1541	1544	1546	rBV	758953	683688	26.72%	2.846%
23	11.392	1546	1548	1552	rVV	761776	660971	25.83%	2.751%
24	11.445	1552	1557	1560	rVB	243458	207586	8.11%	0.864%
25	11.610	1582	1585	1592	rVB2	40589	46238	1.81%	0.192%
26	11.874	1626	1630	1632	rBV	105859	105465	4.12%	0.439%
27	11.904	1632	1635	1639	rVV	148766	167331	6.54%	0.696%
28	11.945	1639	1642	1645	rVB	64349	52903	2.07%	0.220%
29	11.986	1645	1649	1651	rBV	152922	171437	6.70%	0.714%
30	12.169	1678	1680	1682	rBV	79355	61594	2.41%	0.256%
31	12.192	1682	1684	1687	rVB2	47061	41871	1.64%	0.174%
32	12.422	1720	1723	1726	rBV	71488	73103	2.86%	0.304%
33	12.510	1735	1738	1743	rBV2	59926	76731	3.00%	0.319%
34	12.586	1746	1751	1754	rVB	1310879	1270942	49.67%	5.290%
35	12.716	1768	1773	1774	rBV4	30352	49259	1.93%	0.205%
36	12.733	1774	1776	1780	rVV	47285	53948	2.11%	0.225%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-4

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-BF052622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.816	1784	1790	1793	rVV	987117	993776	38.84%	4.136%
38	12.863	1795	1798	1803	rVB2	51394	56797	2.22%	0.236%
39	12.933	1807	1810	1811	rBV	68114	60630	2.37%	0.252%
40	12.963	1811	1815	1818	rVV	2020127	1967272	76.89%	8.188%
41	13.033	1822	1827	1832	rBV3	83682	160849	6.29%	0.669%
42	13.116	1839	1841	1842	rBV	50896	42746	1.67%	0.178%
43	13.139	1843	1845	1849	rVB	132914	130387	5.10%	0.543%
44	13.210	1854	1857	1859	rVB	81461	65282	2.55%	0.272%
45	13.245	1859	1863	1866	rBV2	107807	125795	4.92%	0.524%
46	13.345	1876	1880	1888	rVB6	139285	278023	10.87%	1.157%
47	13.445	1894	1897	1903	rVB4	89218	87553	3.42%	0.364%
48	13.592	1919	1922	1926	rVB	128601	157807	6.17%	0.657%
49	13.651	1929	1932	1935	rVB	63955	68026	2.66%	0.283%
50	13.763	1947	1951	1953	rBV2	64293	83762	3.27%	0.349%
51	13.792	1953	1956	1958	rVV	73363	66017	2.58%	0.275%
52	13.810	1958	1959	1964	rVV2	52729	80967	3.16%	0.337%
53	13.857	1965	1967	1970	rVB	69560	59151	2.31%	0.246%
54	14.010	1989	1993	1996	rBV2	700826	998417	39.02%	4.156%
55	14.039	1996	1998	2000	rVB	343693	240652	9.41%	1.002%
56	14.116	2008	2011	2015	rVB2	239728	225780	8.82%	0.940%
57	14.398	2057	2059	2062	rVB	82357	72526	2.83%	0.302%
58	15.057	2167	2171	2179	rVB	310849	569615	22.26%	2.371%
59	15.362	2220	2223	2228	rVB	158302	212789	8.32%	0.886%
60	15.421	2229	2233	2240	rBV	247730	333913	13.05%	1.390%
61	15.486	2240	2244	2247	rBV	327855	407491	15.93%	1.696%

Sum of corrected areas: 24025289

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Data File : BF128606.D
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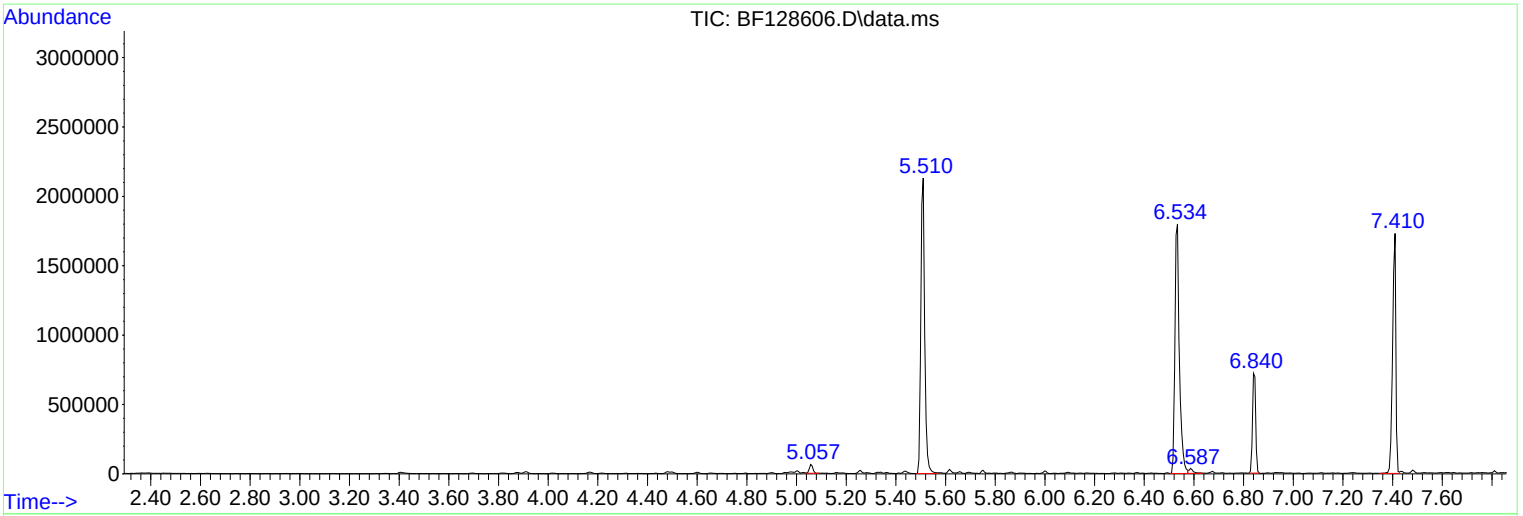
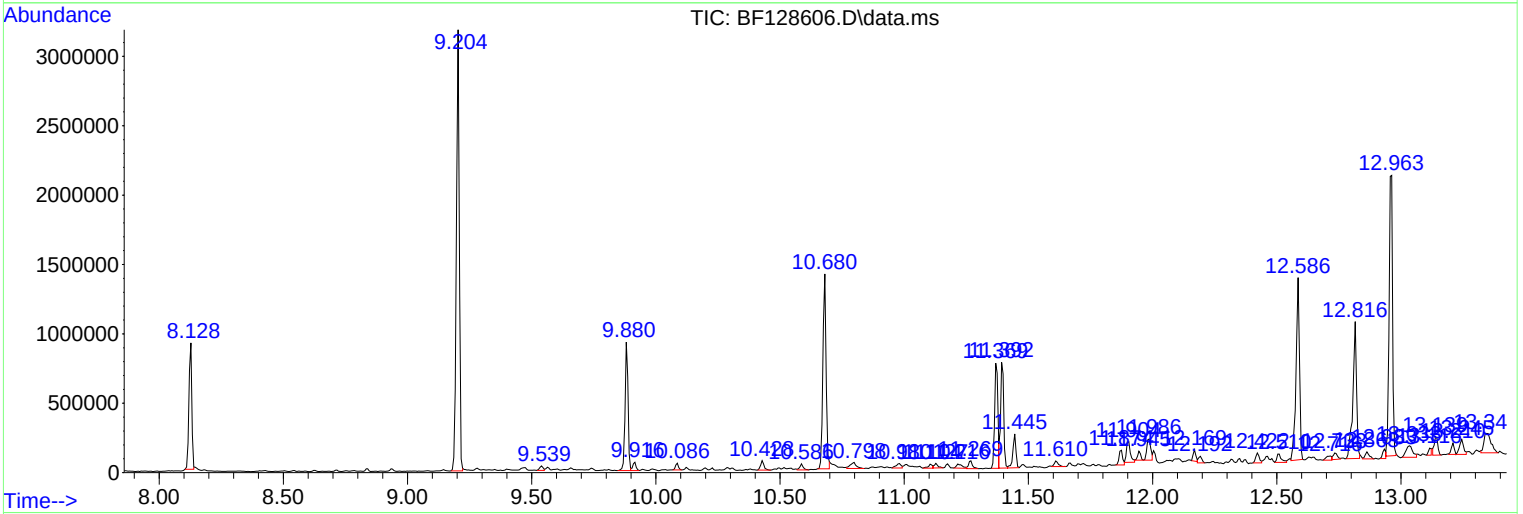
Misc :
ALS Vial : 15 Sample Multiplier: 1

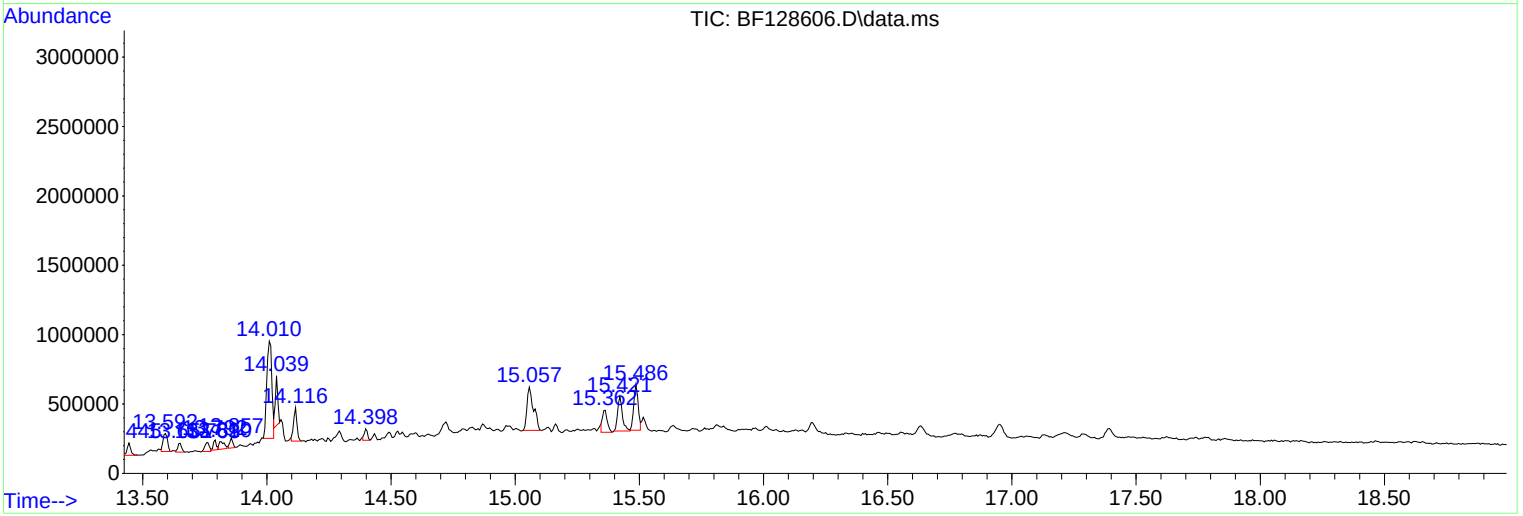
Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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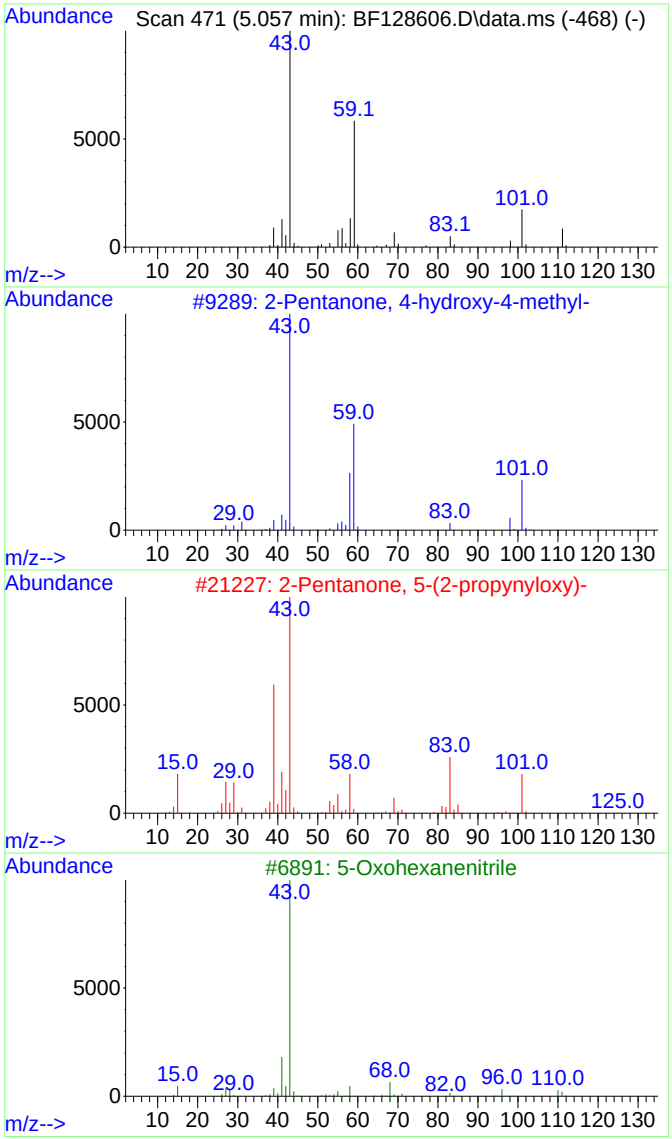
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

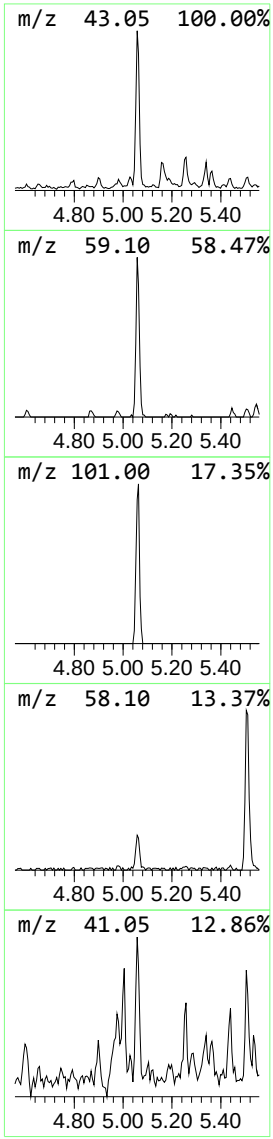
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	2.00 ng	63656	1,4-Dichlorobenzene-d4	6.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	17
3	5-Oxohexanenitrile	111	C6H9NO	010412-98-3	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

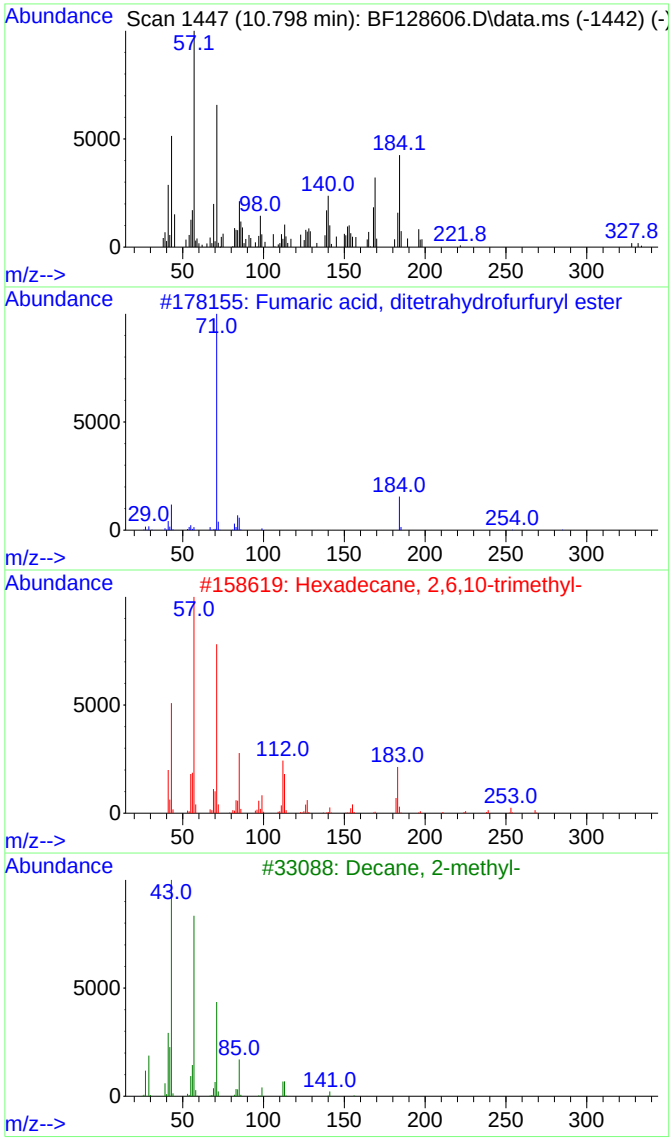
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

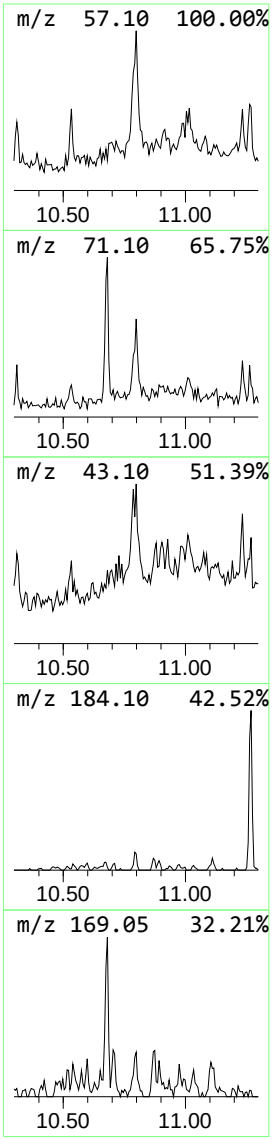
****

Peak Number 2 unknown10.798 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.798	2.16 ng	73875	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, ditetrahydrofurfur...	284	C14H20O6	1000330-59-1	35
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	27
3	Decane, 2-methyl-	156	C11H24	006975-98-0	22
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	22
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

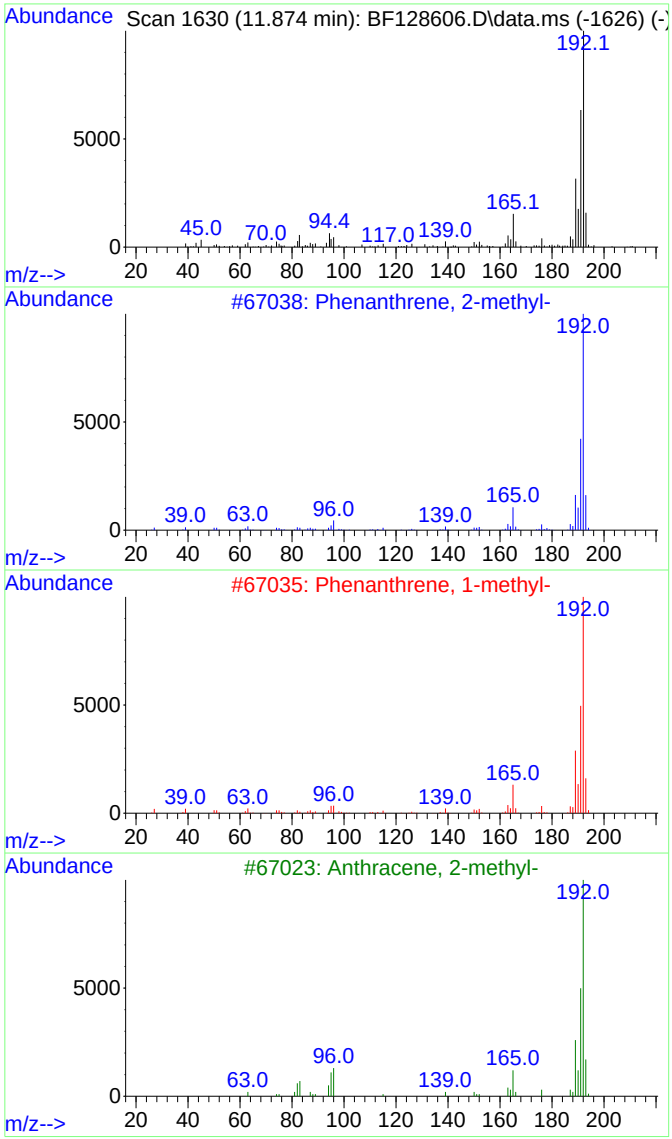
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

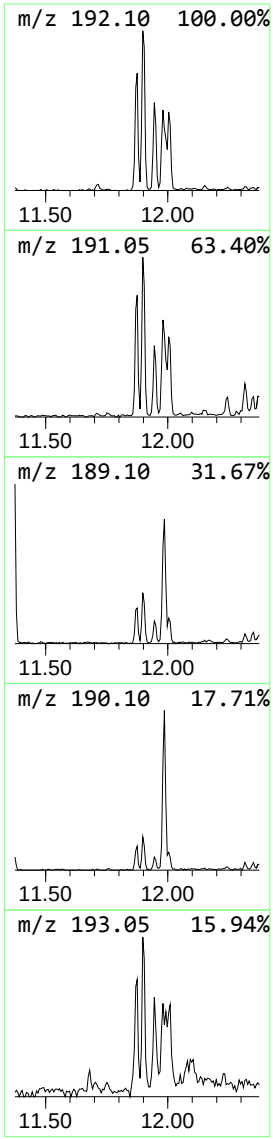
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.874	3.09 ng	105465	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

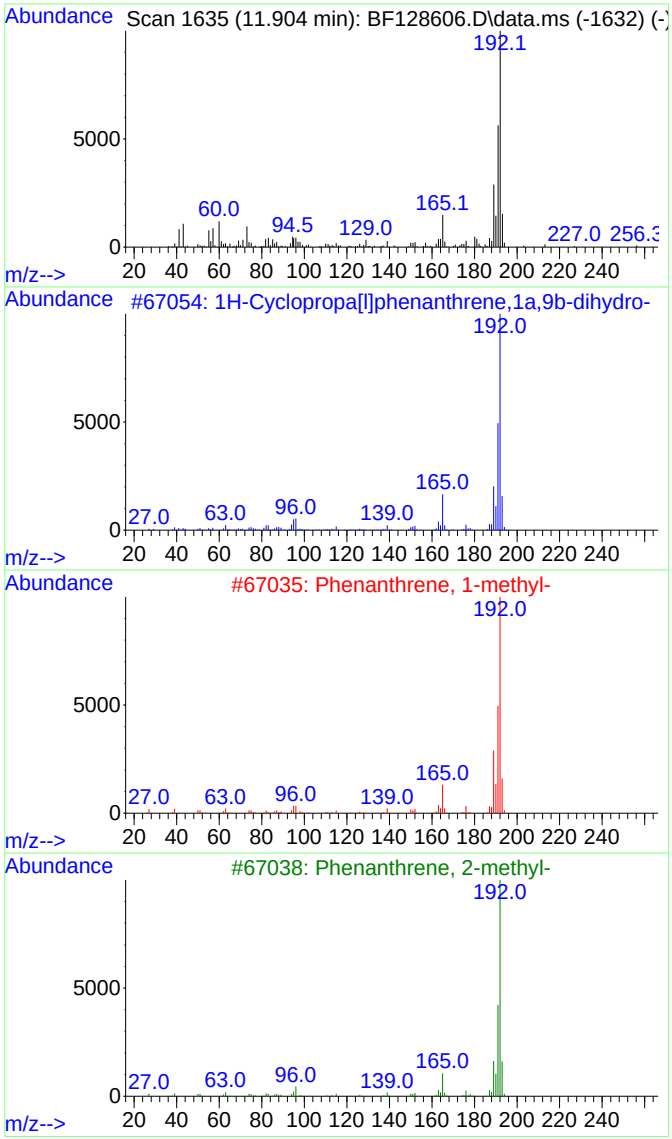
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

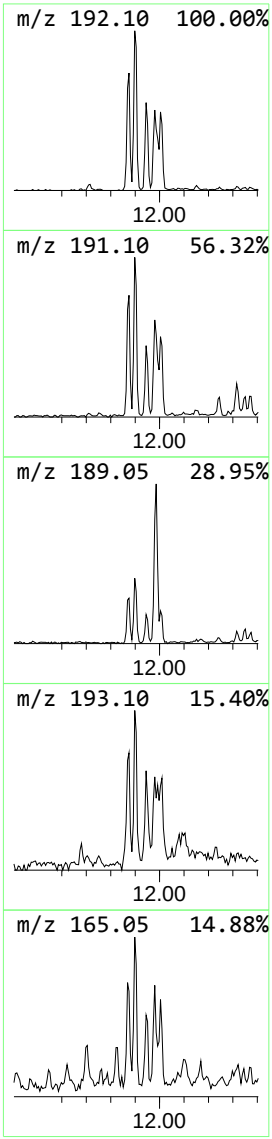
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.89 ng	167331	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

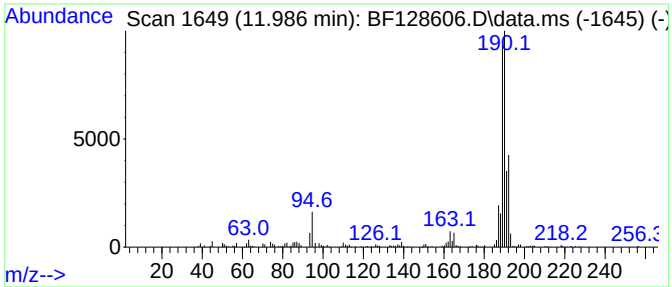
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

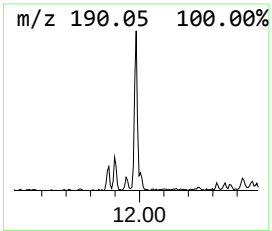
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

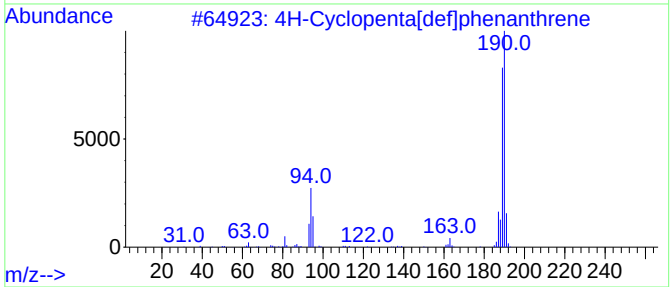
****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

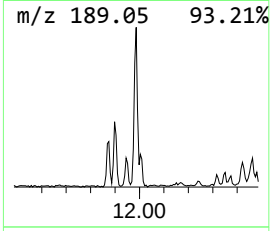
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	5.02 ng	171437	Phenanthrene-d10	11.369

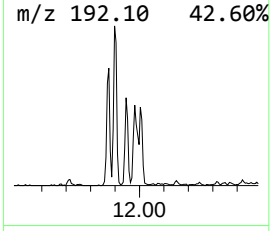
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
4	2-Amino-4,6-dichloropyrimidine-5...	191	C5H3Cl2N3O	005604-46-6	38
5	1-Aminocyclopentanecarboxylic ac...	445	C24H44ClNO4	1000329-17-5	23

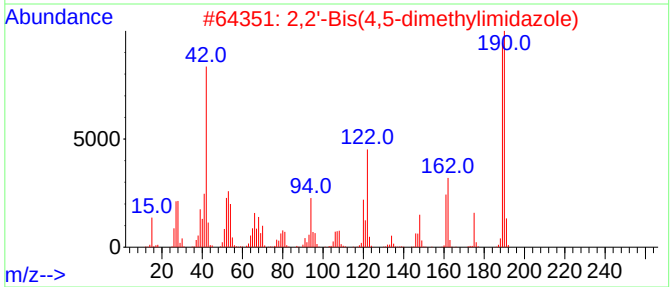


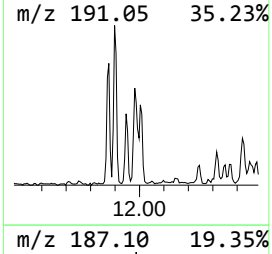


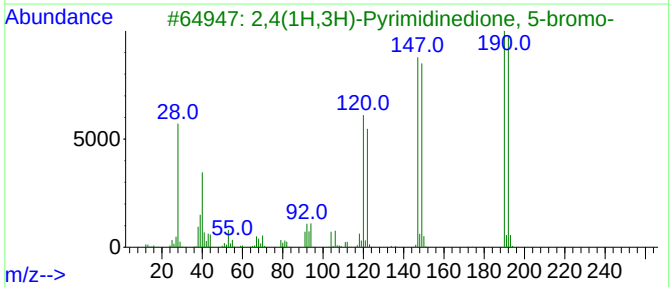


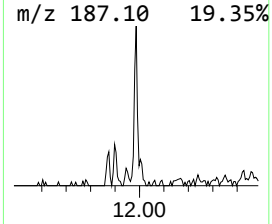












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

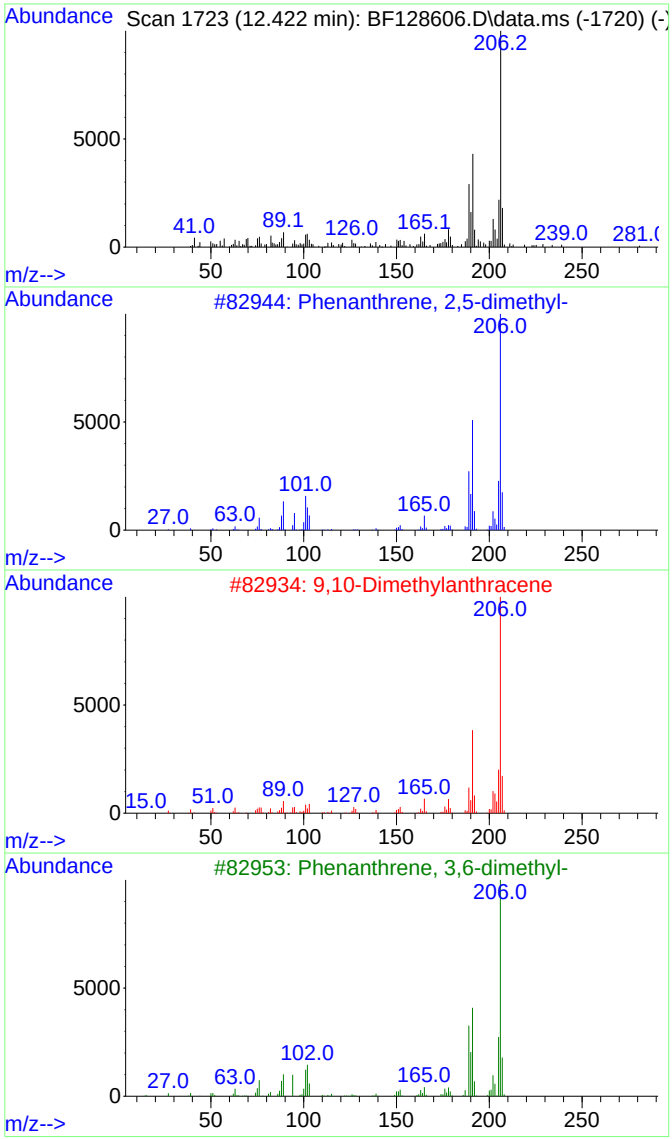
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

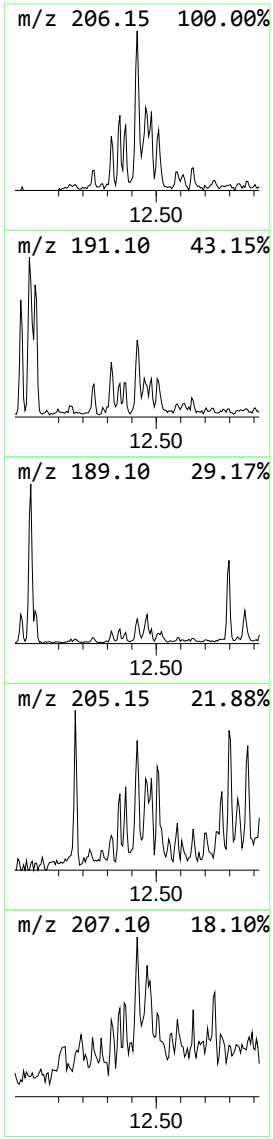
****

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.422	2.14 ng	73103	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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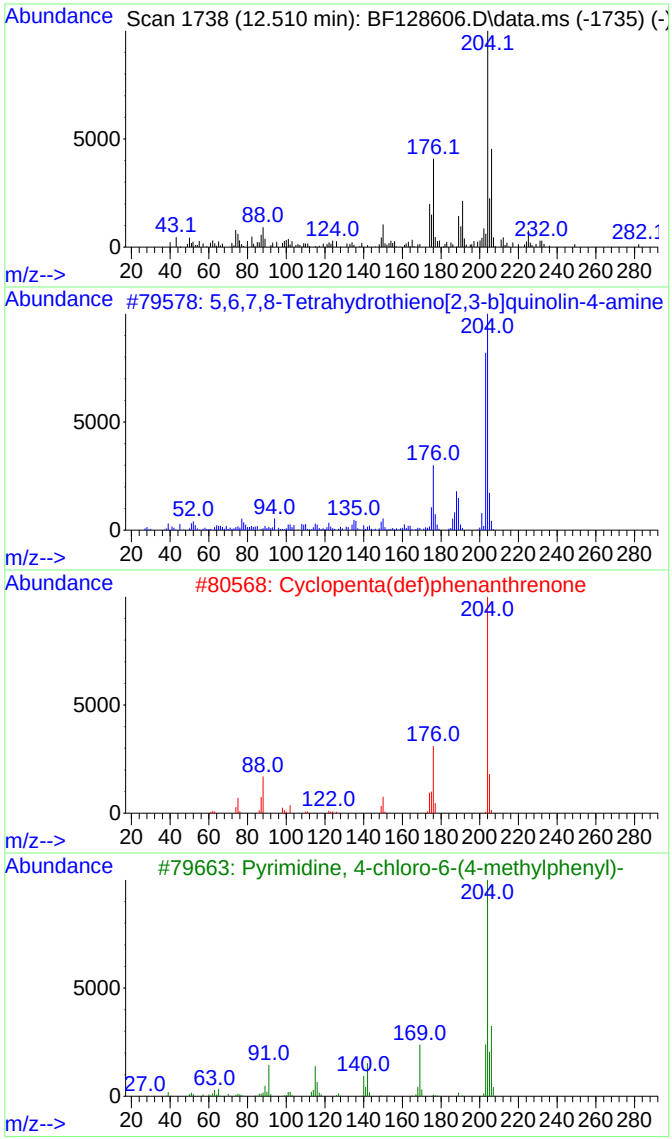
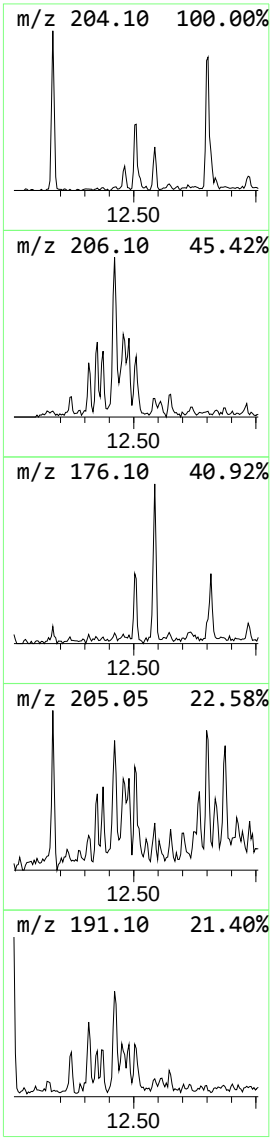
Peak Number 7 unknown12.510 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.510	2.24 ng	76731	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	49
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	49
3	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
4	1-Aminocyclopentanecarboxylic ac...	305	C14H24ClNO4	1000392-62-3	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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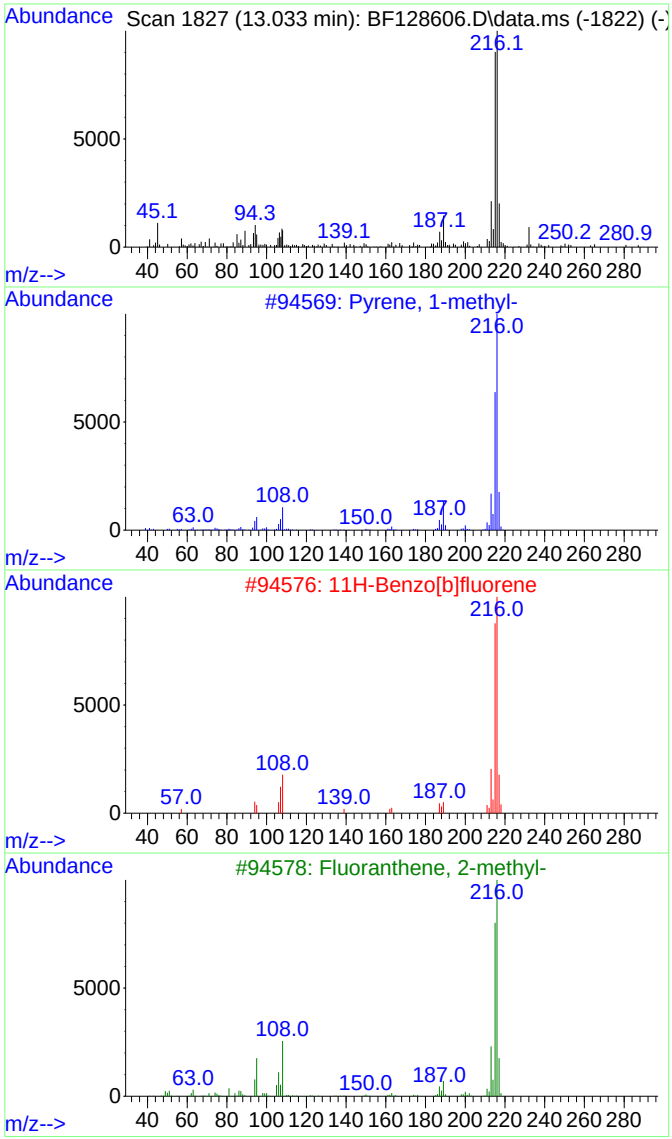
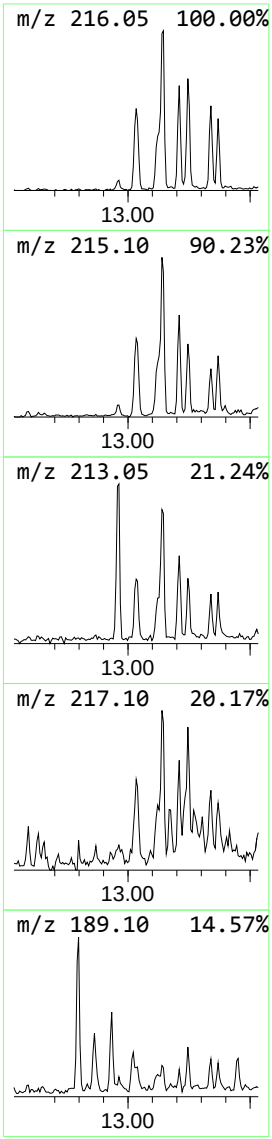
Peak Number 8 Pyrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.033	3.22 ng	160849	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90





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Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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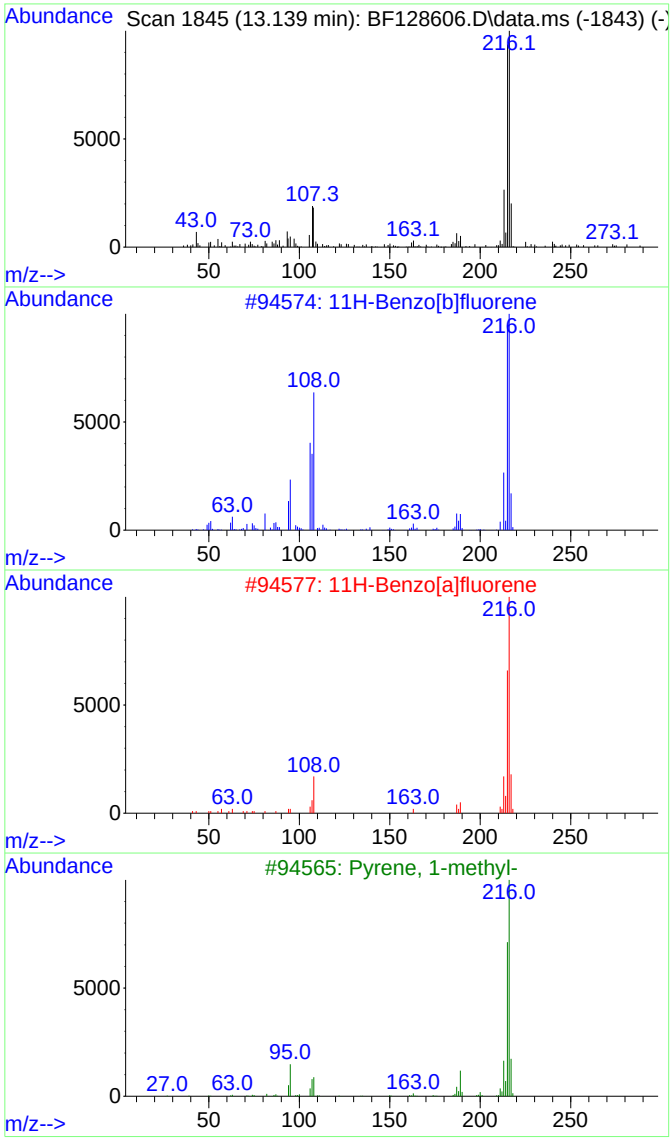
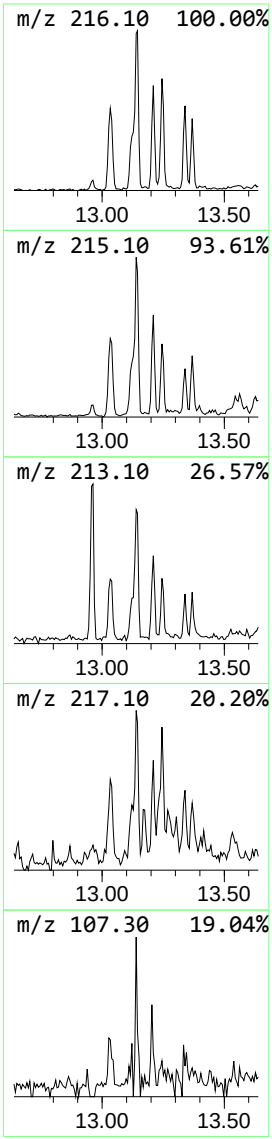
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.139	2.61 ng	130387	Chrysene-d12	14.015

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	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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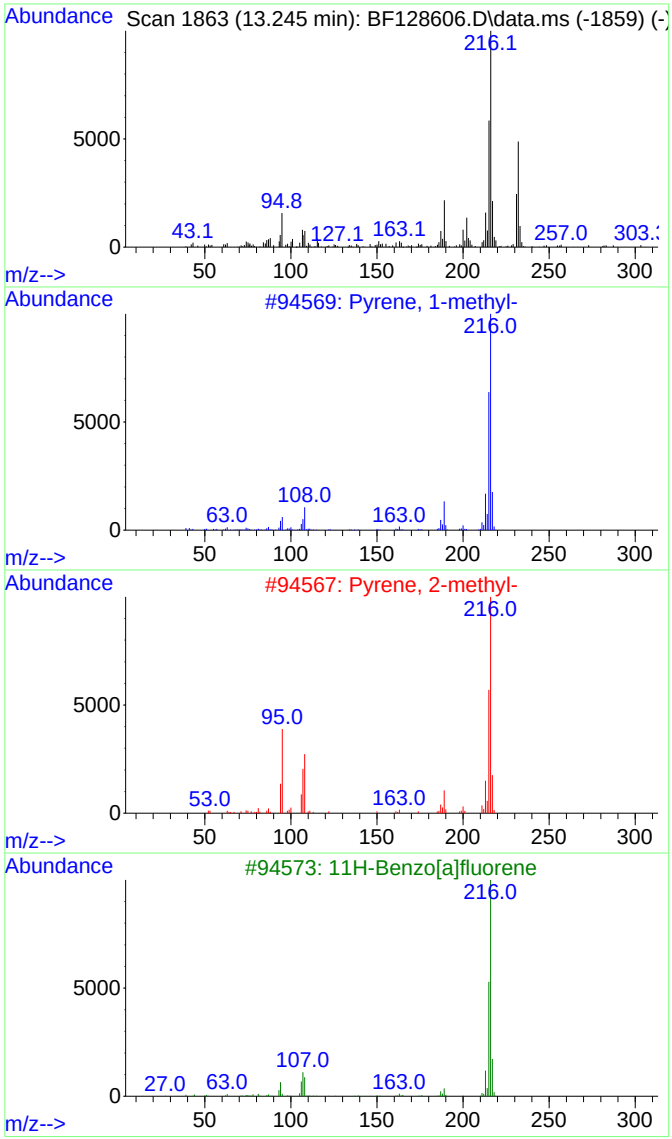
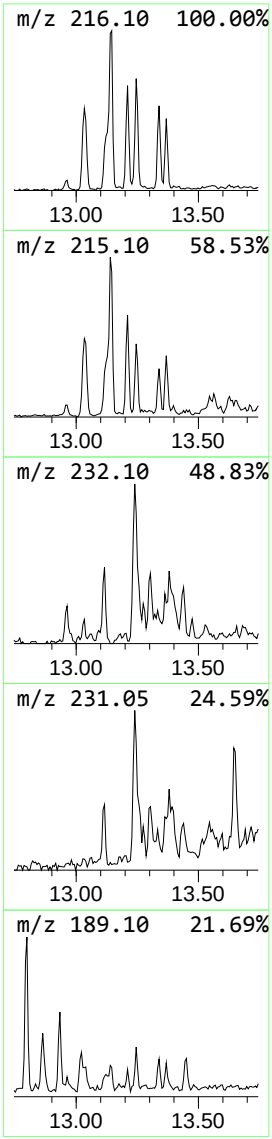
Peak Number 10 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.245	2.52 ng	125795	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
5	2-(Aminomethylidene)-2,3-dihydro...	231	C13H17NOSi	1000500-18-3	47





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Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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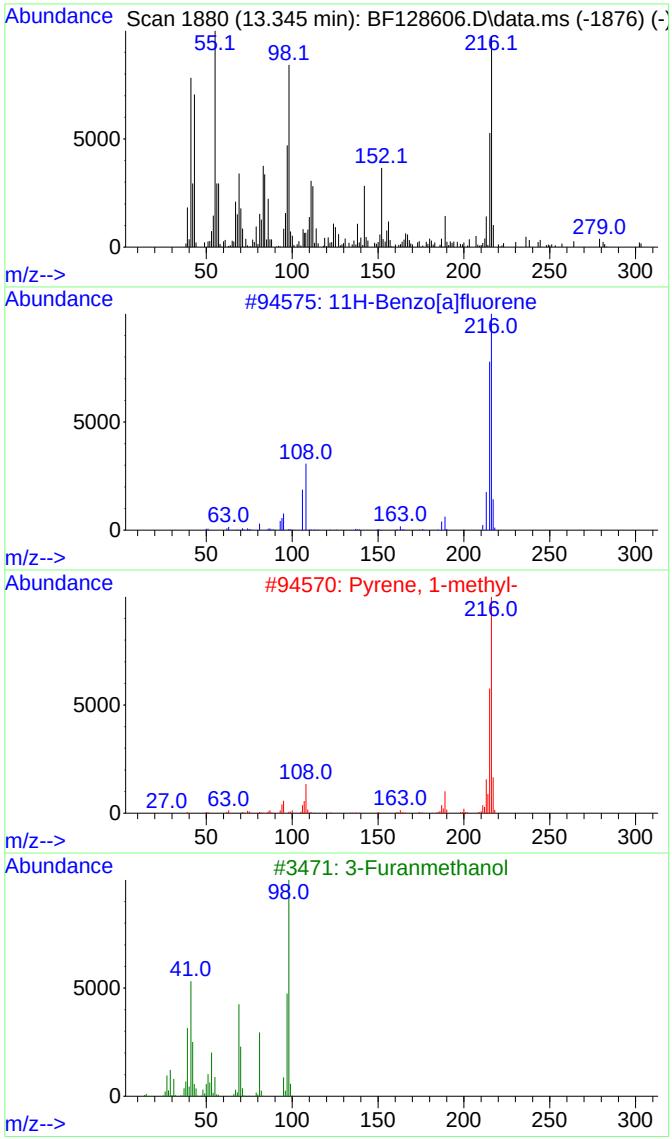
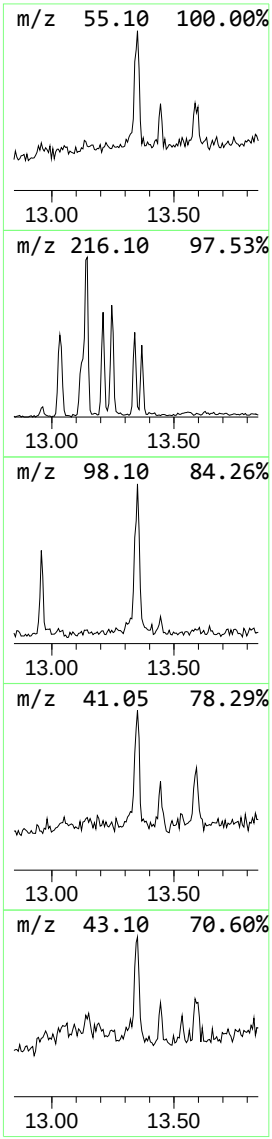
Peak Number 11 unknown13.345 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.345	5.57 ng	278023	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	30
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	25
3	3-Furanmethanol	98	C5H6O2	004412-91-3	25
4	Pentylamine, N-acetyl-1-cyano-	154	C8H14N2O	027395-08-0	25
5	2-Furanmethanol	98	C5H6O2	000098-00-0	25





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Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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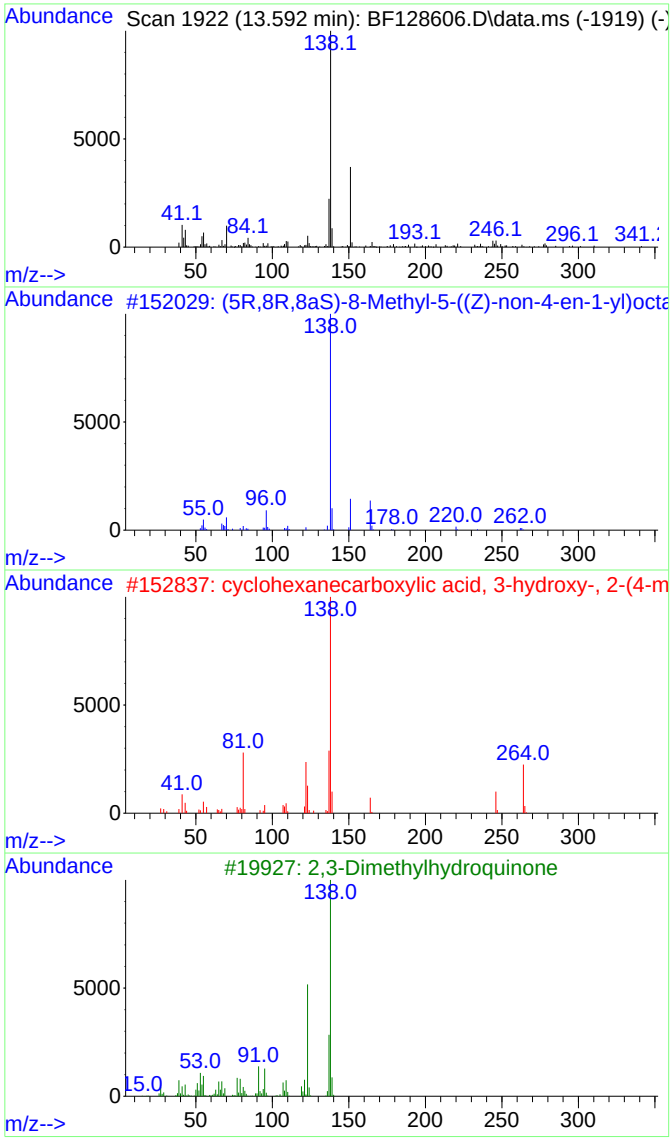
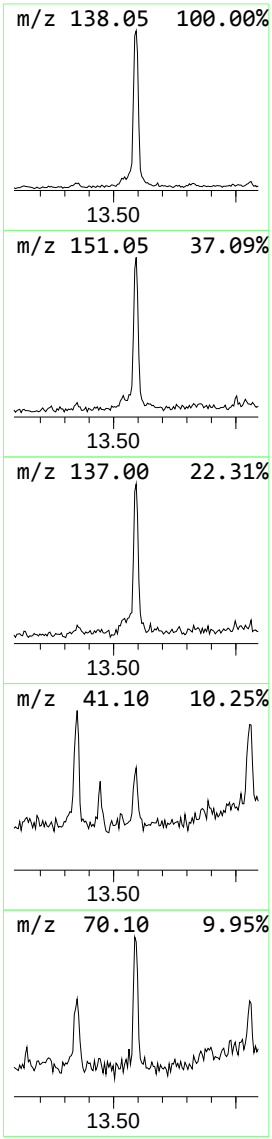
Peak Number 12 (5R,8R,8aS)-8-Methyl-5-((Z)... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.592	3.16 ng	157807	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(5R,8R,8aS)-8-Methyl-5-((Z)-non-...	263	C18H33N	1000367-14-0	58
2	cyclohexanecarboxylic acid, 3-hy...	264	C14H20N2O3	1000396-88-0	53
3	2,3-Dimethylhydroquinone	138	C8H10O2	000608-43-5	53
4	(Z)-9-((5R,8R,8aS)-8-Methyloctah...	279	C18H33NO	1000367-14-1	50
5	Furan-2-carboxylic acid methyl-(...	278	C16H26N2O2	1000295-36-6	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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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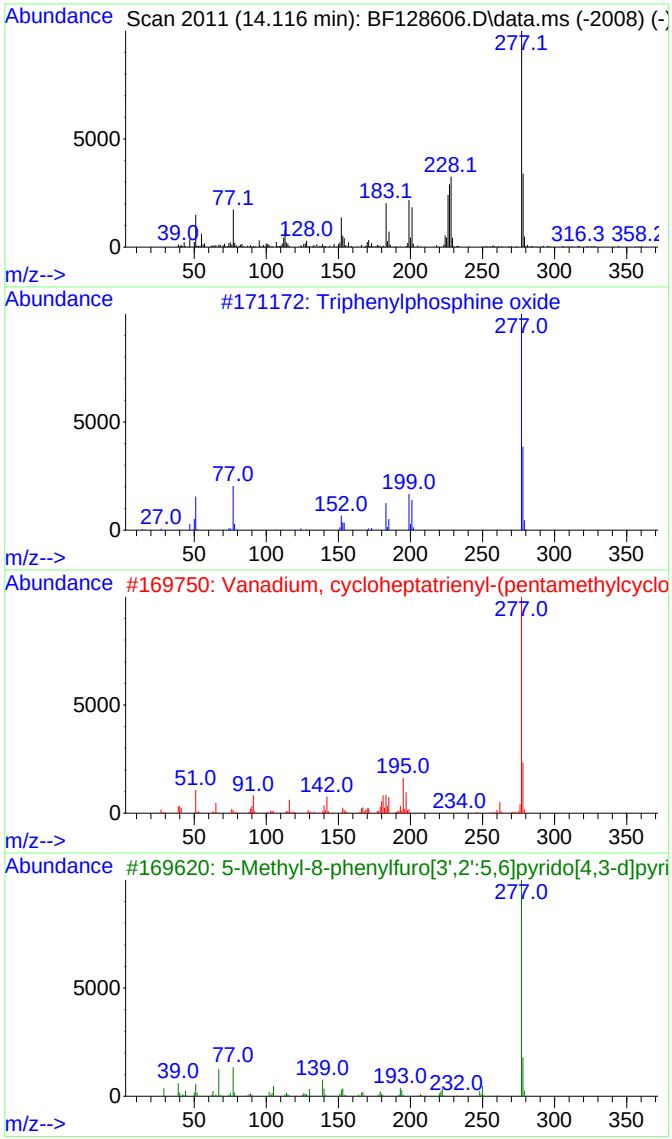
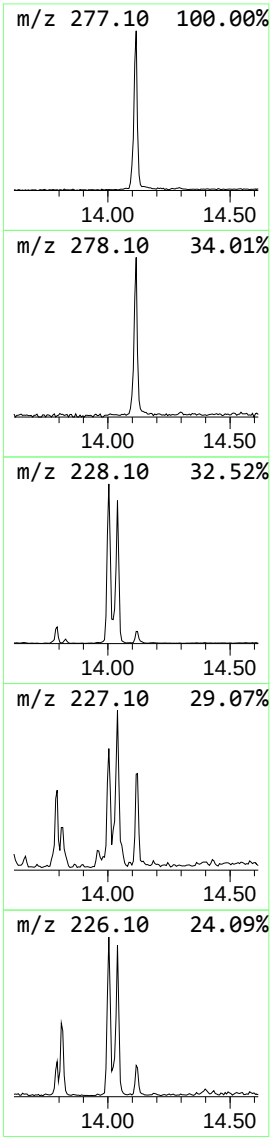
Peak Number 13 Triphenylphosphine oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.116	4.52 ng	225780	Chrysene-d12	14.015

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylphosphine oxide	278	C18H15OP	000791-28-6	90
2	Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	35
3	5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	27
4	(E)-7-Benzylidene-1-azabicyclo[3...	293	C15H19NO3S	1000483-83-4	22
5	(Carbethoxymethyl)-triphenylphos...	428	C22H22BrO2P	001530-45-6	16





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Sample : N3080-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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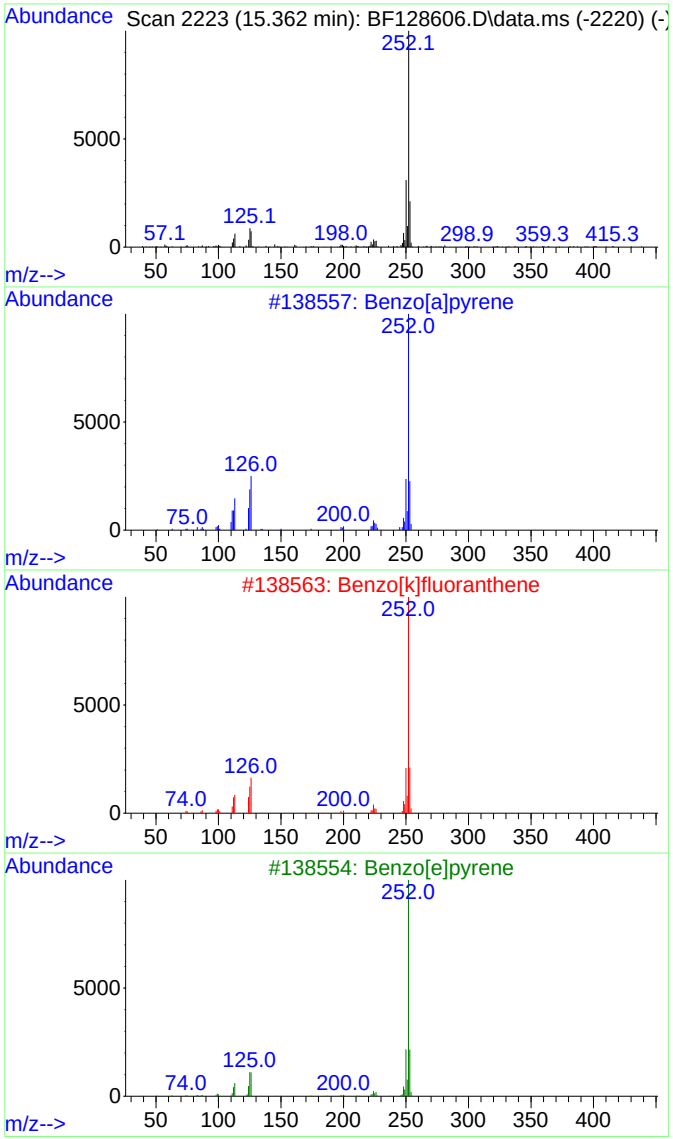
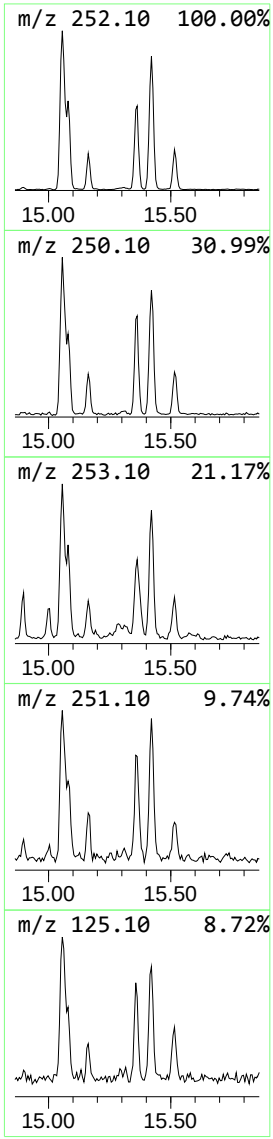
Peak Number 14 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	10.44 ng	212789	Perylene-d12	15.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Perylene	252	C20H12	000198-55-0	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128606.D
Acq On : 31 May 2022 21:01
Operator : CG\JU
Sample : N3080-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.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-...	5.057	2.0	ng	63656	1	6.845	635990	20.0
unknown10.798	10.798	2.2	ng	73875	4	11.369	683688	20.0
Phenanthrene, 2...	11.874	3.1	ng	105465	4	11.369	683688	20.0
1H-Cyclopropa[l...	11.904	4.9	ng	167331	4	11.369	683688	20.0
4H-Cyclopenta[d...	11.986	5.0	ng	171437	4	11.369	683688	20.0
Phenanthrene, 2...	12.422	2.1	ng	73103	4	11.369	683688	20.0
unknown12.510	12.510	2.2	ng	76731	4	11.369	683688	20.0
Pyrene, 1-methyl-	13.033	3.2	ng	160849	5	14.015	998417	20.0
11H-Benzo[b]flu...	13.139	2.6	ng	130387	5	14.015	998417	20.0
Pyrene, 2-methyl-	13.245	2.5	ng	125795	5	14.015	998417	20.0
unknown13.345	13.345	5.6	ng	278023	5	14.015	998417	20.0
(5R,8R,8aS)-8-M...	13.592	3.2	ng	157807	5	14.015	998417	20.0
Triphenylphosph...	14.116	4.5	ng	225780	5	14.015	998417	20.0
Benzo[e]pyrene	15.363	10.4	ng	212789	6	15.486	407491	20.0