

Instrument :
BNA_M
ClientSampleId :
BGDD3DL

mohammad
6/30/2021 10:25:09 AM

Abundance

TIC: BM030691.D

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

Time-->

4.00 6.00 8.00 10.00 12.00 14.00 16.00 18.00 20.00 22.00 24.00 26.00 28.00

1,4-Dioxane-d8, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

2-Methylnaphthalene-d10, SURR

1-Methylnaphthalene-d8, C

Acenaphthylene

Acenaphthene-d8, C

Fluorene

Phenanthrene-d10, I

Phenanthrene

Anthracene

Fluoranthene-d10, SURR

Fluoranthene-G

Pyrene

Chrysene-d12, I

Benzo(a)anthracene

Benzo(k)fluoranthene

Benzo(a)pyrene, C

Perylene-d12, I

Dibenz(a,h)pyrene

Benzo(g,h,i)perylene

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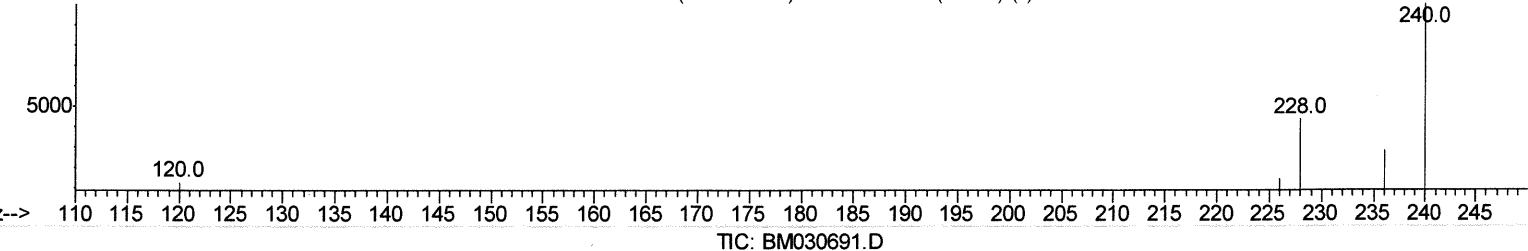
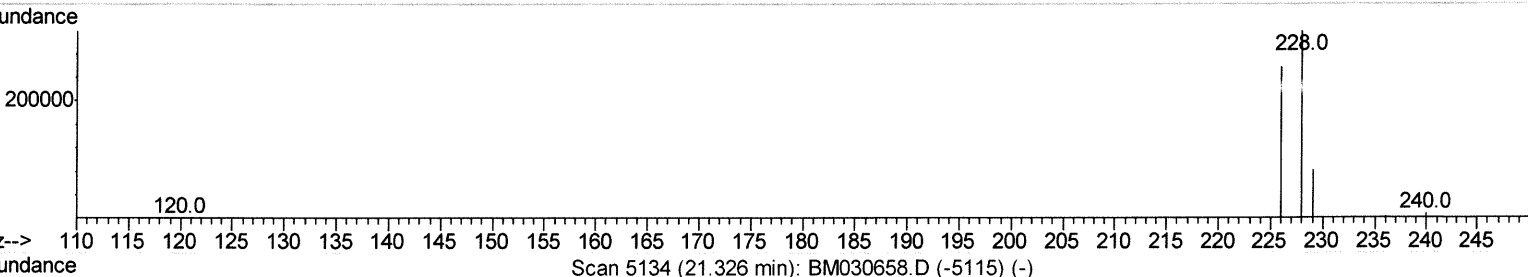
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Abundance

Ion 240.00 (239.70 to 240.70): BM030691.D
 Ion 120.00 (119.70 to 120.70): BM030691.D
 Ion 236.00 (235.70 to 236.70): BM030691.D

1
 21.33
 3d 2d

m/z-->



Ion	Exp%	Act%
240.00	100	100
120.00	16.80	21.81#
236.00	29.50	40.77#
0.00	0.00	0.00

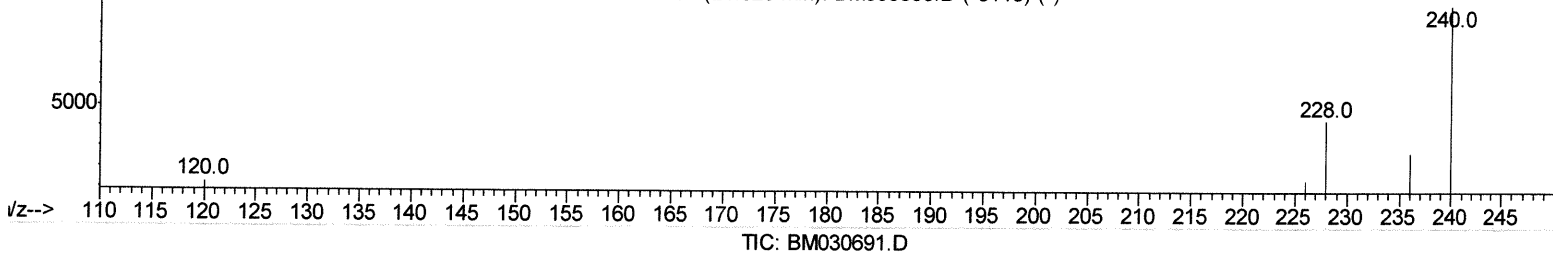
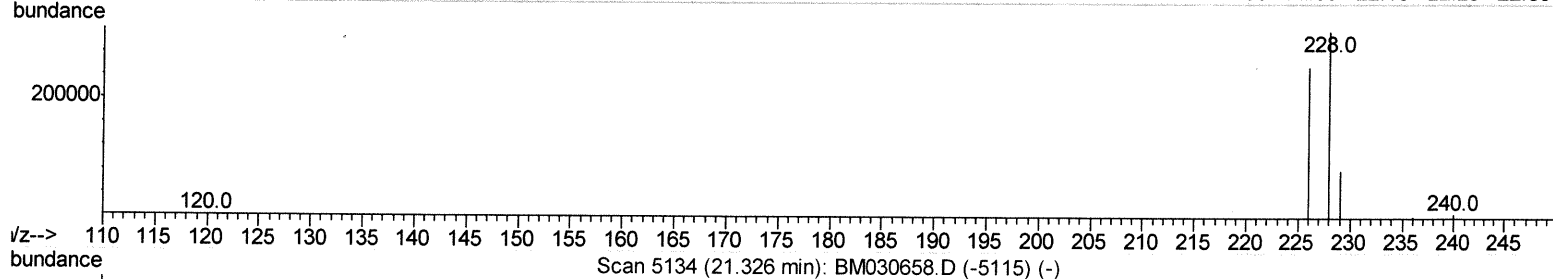
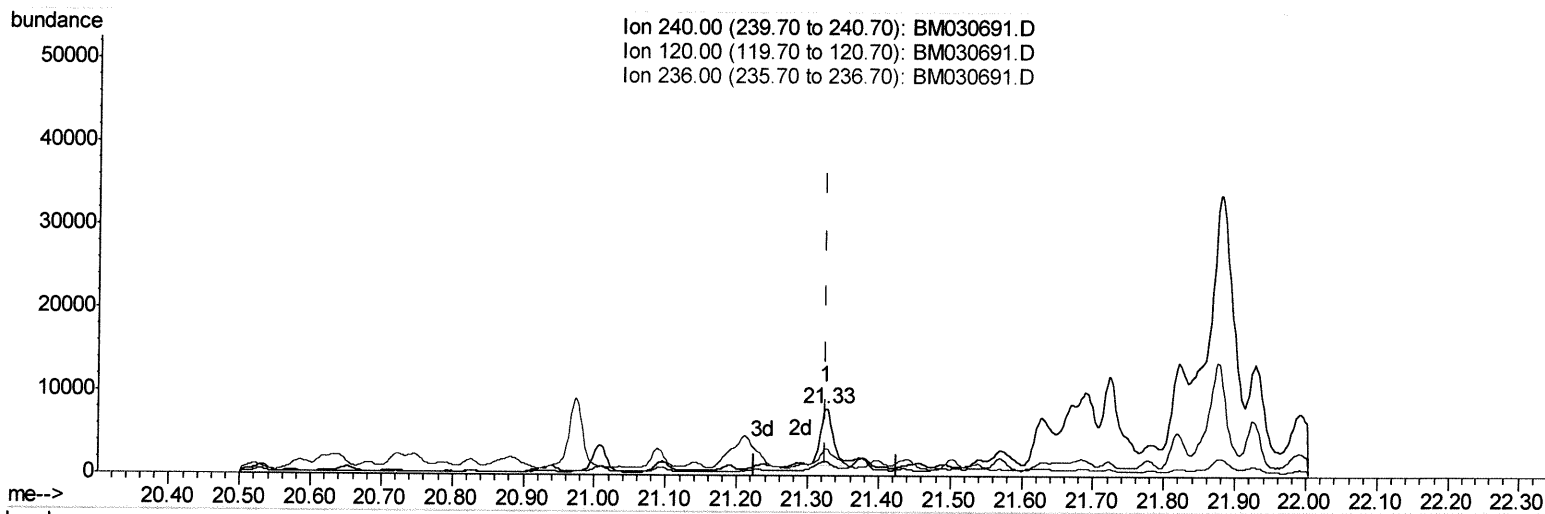
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
 Data File : BM030691.D
 Acq On : 29 Jun 2021 14:59
 Operator : CG/JU
 Sample : M2680-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD3DL

Quant Time: Jun 29 15:43:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
 Response via : Initial Calibration

Manual Integrations
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(17) Chrysene-d12

21.326min (+0.000) 0.40ng/ul m

response 8571

Ion	Exp%	Act%
240.00	100	100
120.00	16.80	21.81#
236.00	29.50	40.77#
0.00	0.00	0.00

Jul 6/30/21

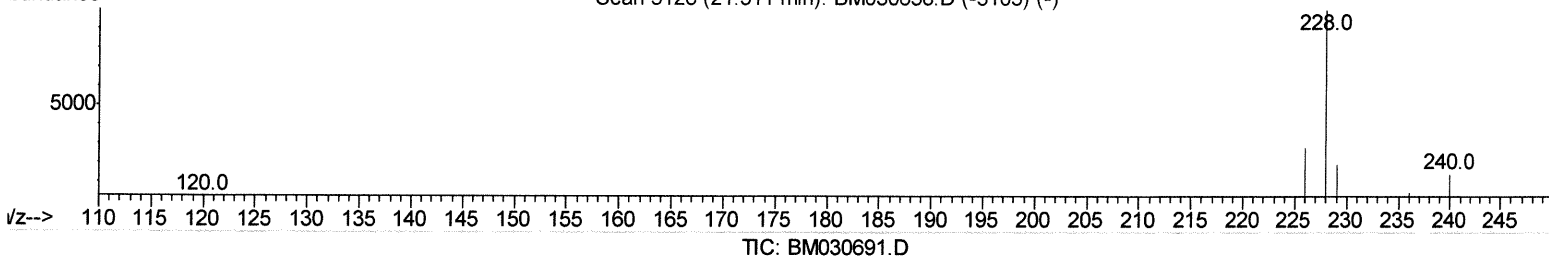
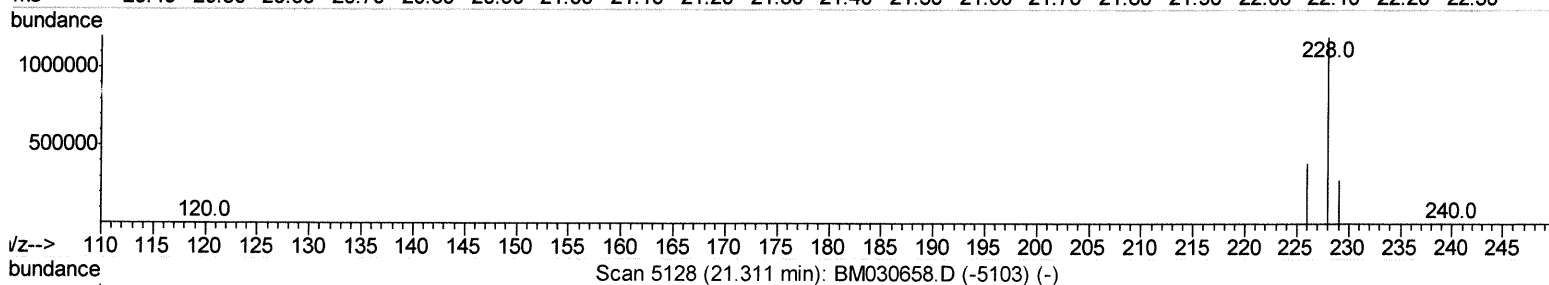
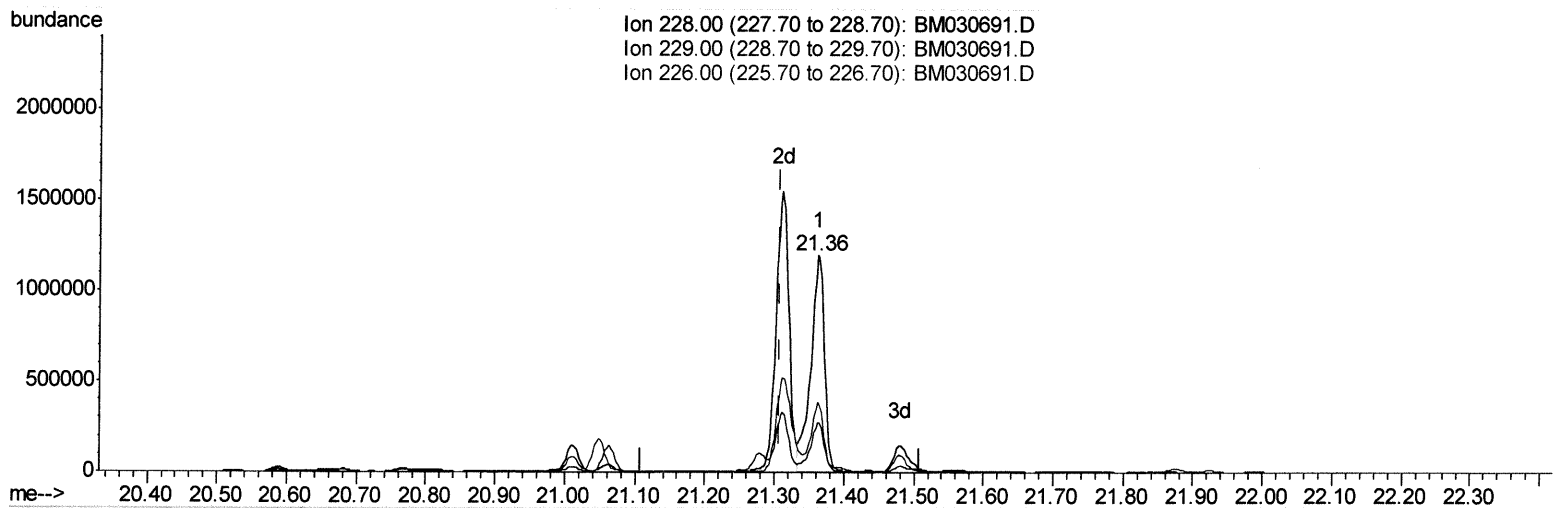
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
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Instrument :
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Quant Time: Jun 29 15:44:28 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(21) Benzo(a)anthracene

21.362min (+0.053) 47.47ng/ul

response 1621967

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	23.23
226.00	27.80	32.21
0.00	0.00	0.00

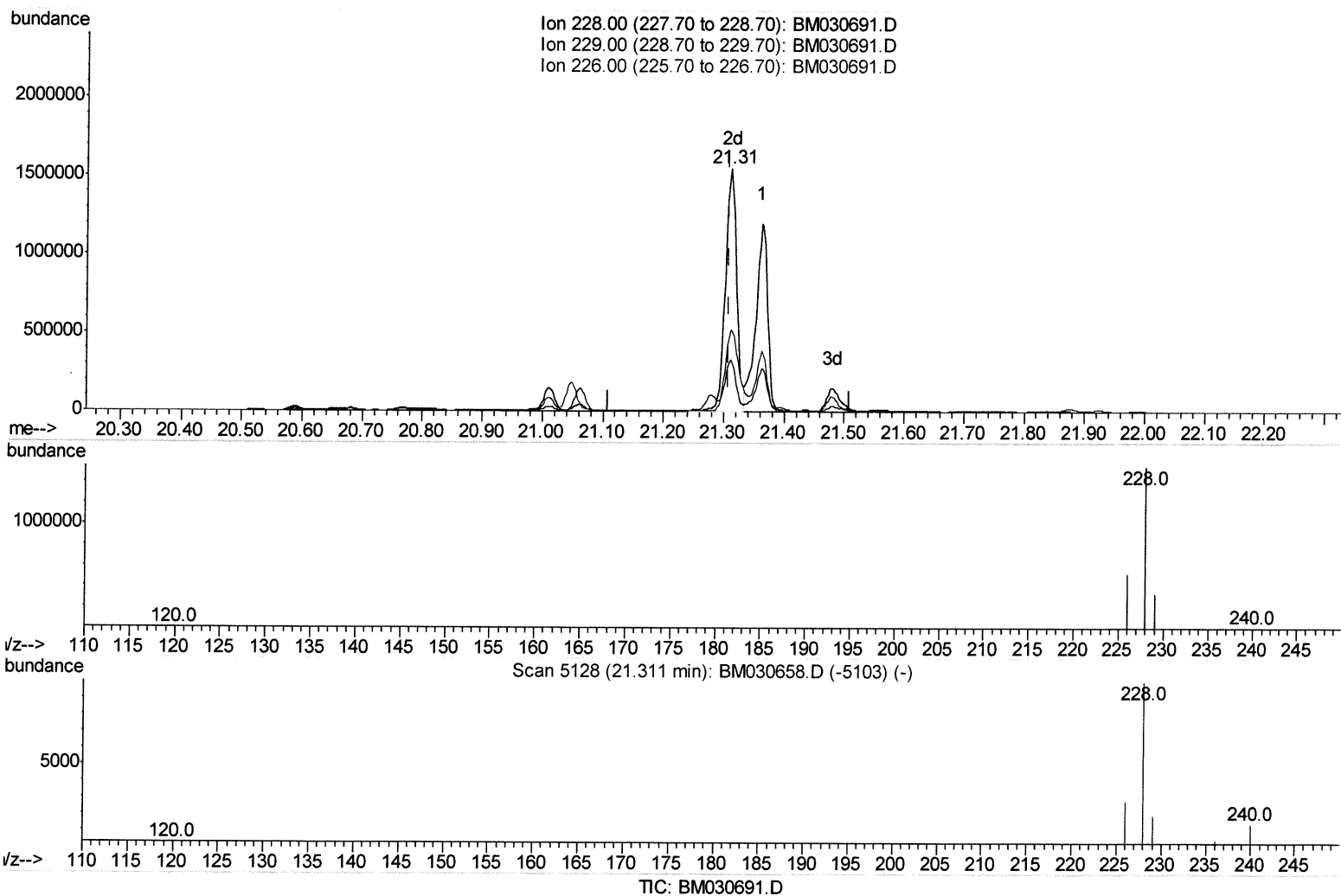
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(21) Benzo(a)anthracene

21.311min (+0.002) 59.47ng/ul m

response 2031870

JU 6/30/21

Ion	Exp%	Act%
228.00	100	100
229.00	20.20	21.54
226.00	27.80	33.65#
0.00	0.00	0.00

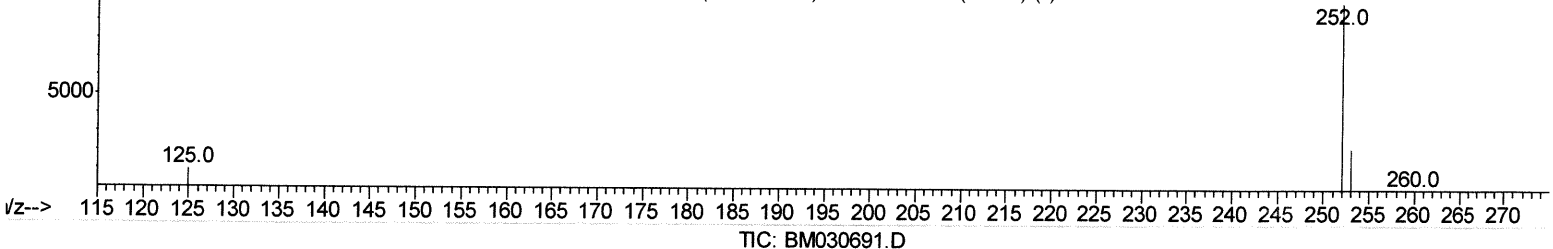
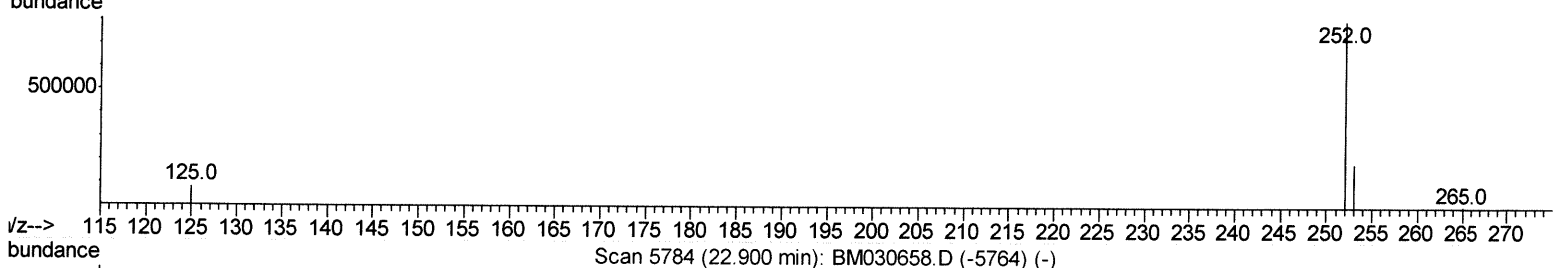
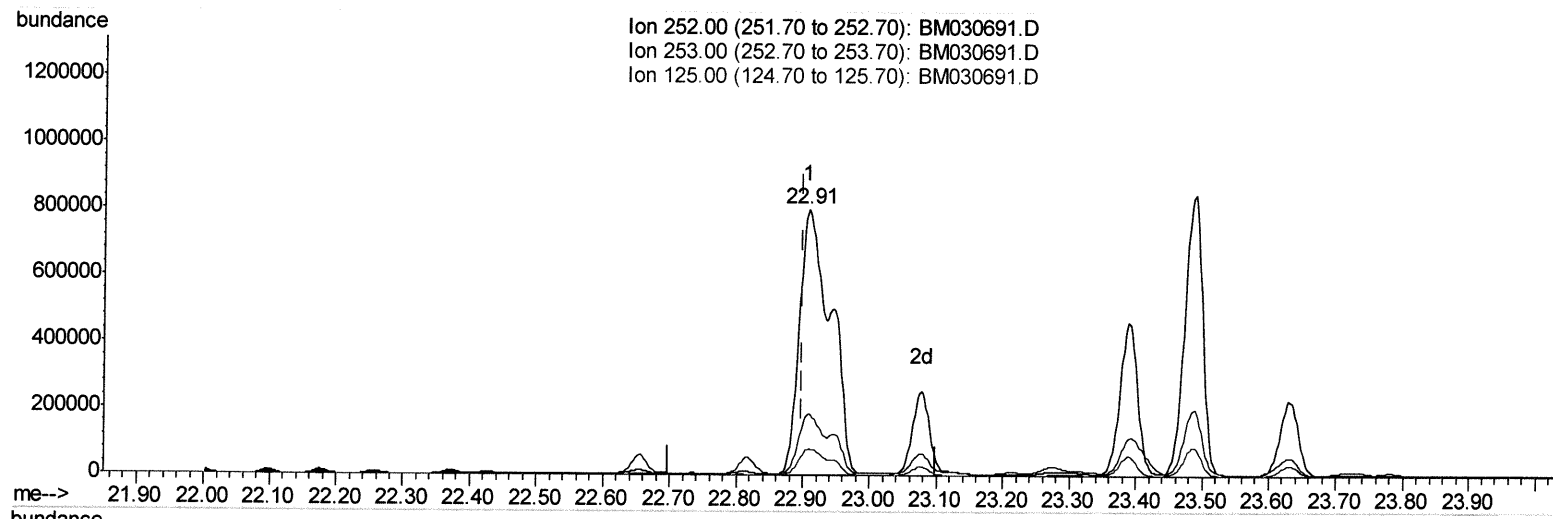
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(24) Benzo(b)fluoranthene

22.907min (+0.007) 52.08ng/ul

response 2595630

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	23.15
125.00	16.60	9.81
0.00	0.00	0.00

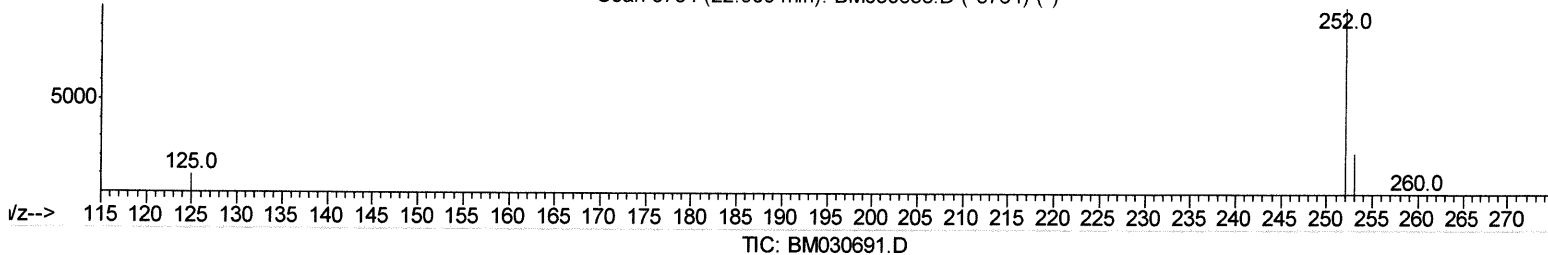
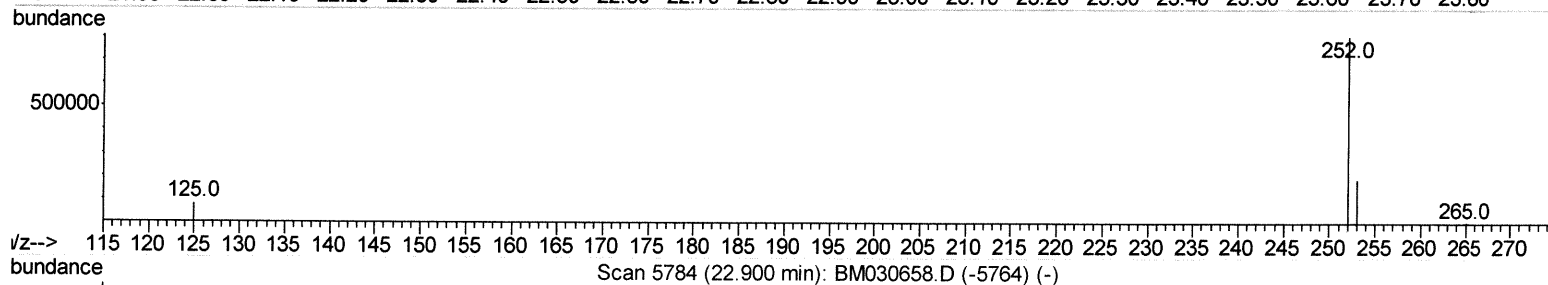
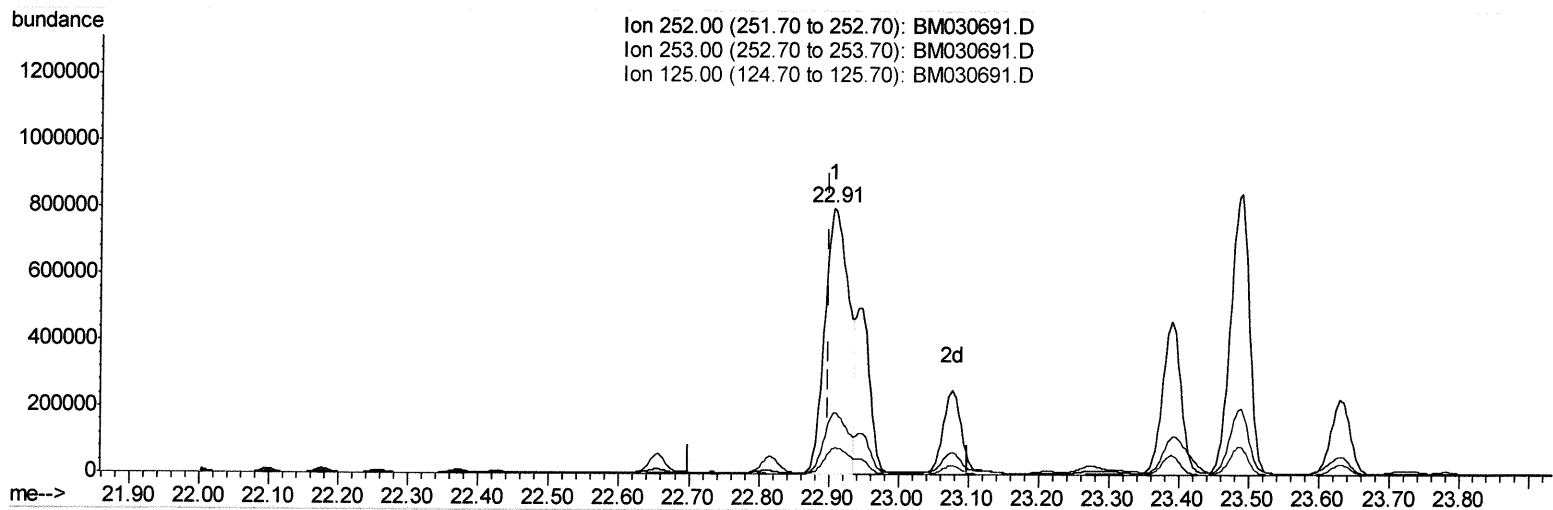
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 Sample : M2680-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual Integrations
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(24) Benzo(b)fluoranthene

22.907min (+0.007) 38.26ng/ul m

response 1906814

JU 6/30/21

Ion	Exp%	Act%
252.00	100	100
253.00	28.90	23.15
125.00	16.60	9.81
0.00	0.00	0.00

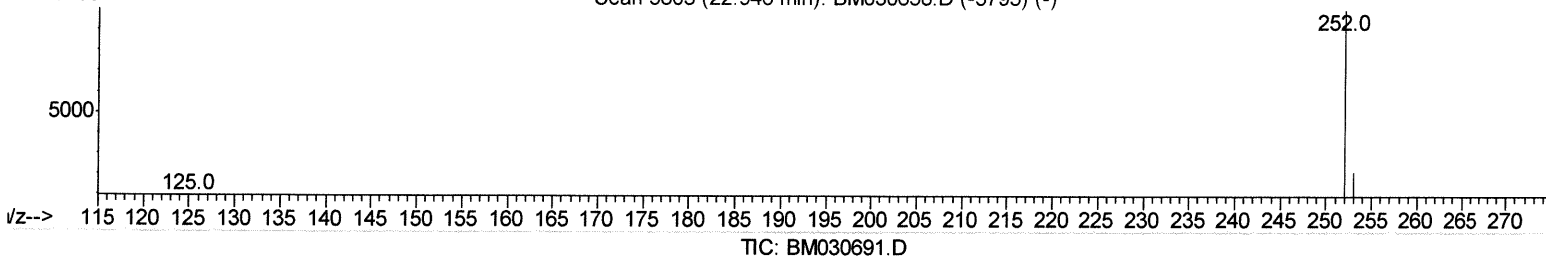
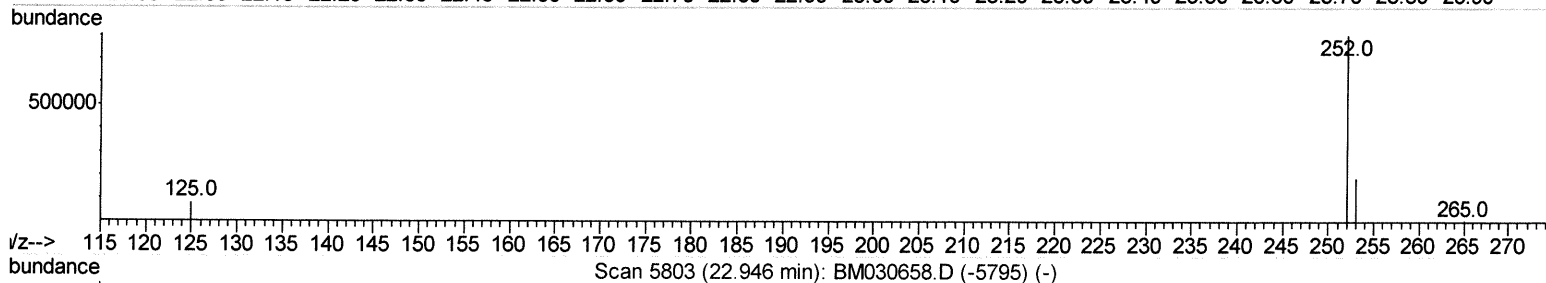
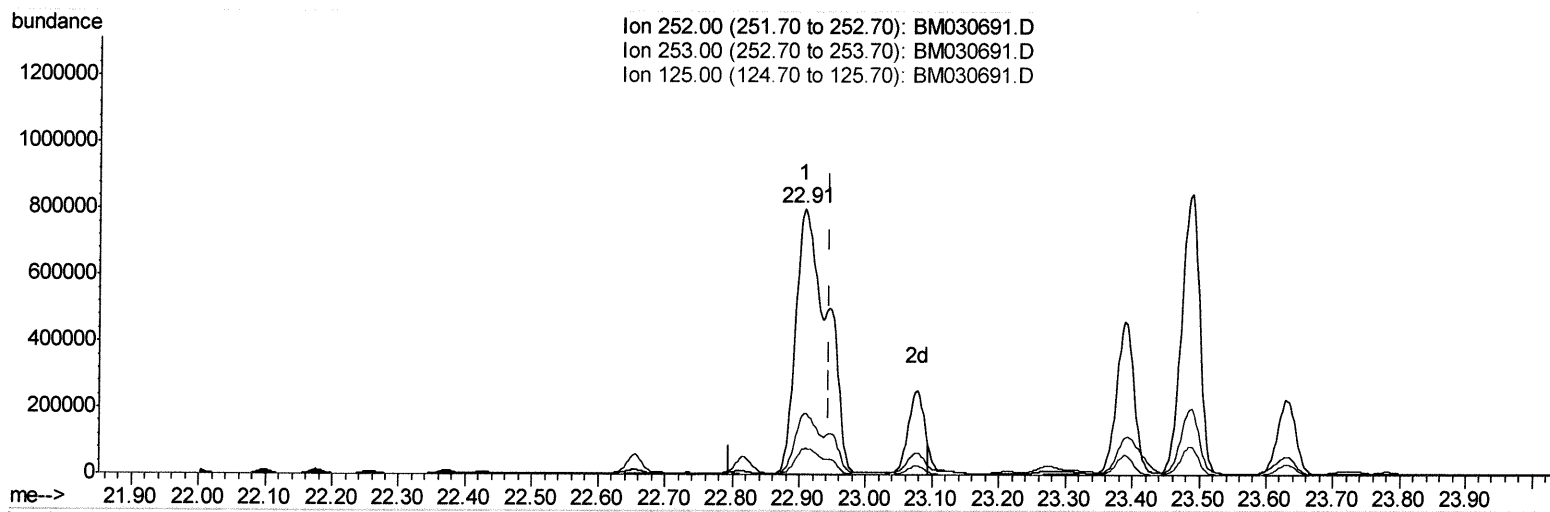
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Data File : BM030691.D
Acq On : 29 Jun 2021 14:59
Operator : CG/JU
Sample : M2680-07DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDD3DL

Quant Time: Jun 29 15:44:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
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QLast Update : Mon Jun 28 14:33:12 2021
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Manual Integrations
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(25) Benzo(k)fluoranthene

22.907min (-0.039) 50.51ng/ui

response 2595630

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	23.15#
125.00	15.80	9.81#
0.00	0.00	0.00

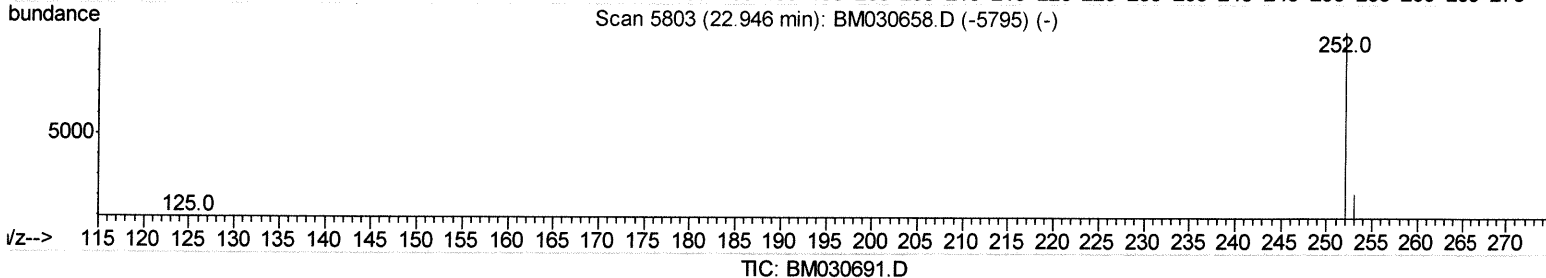
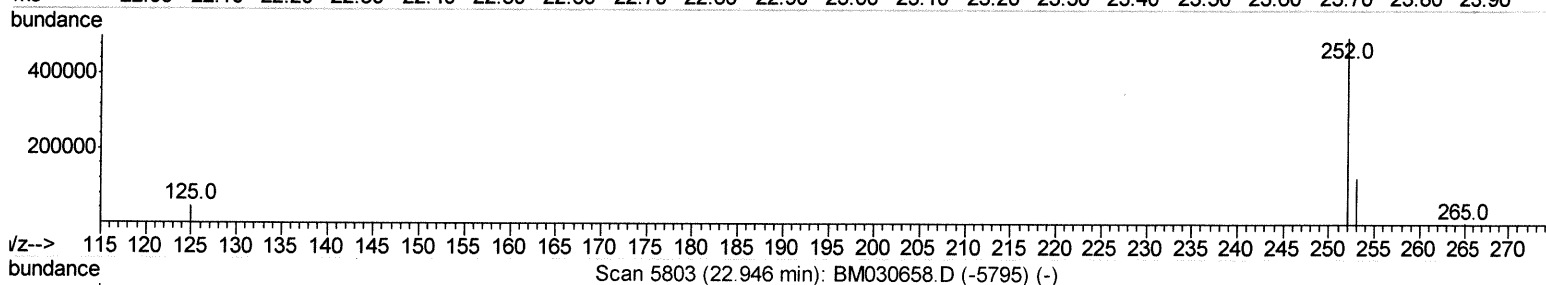
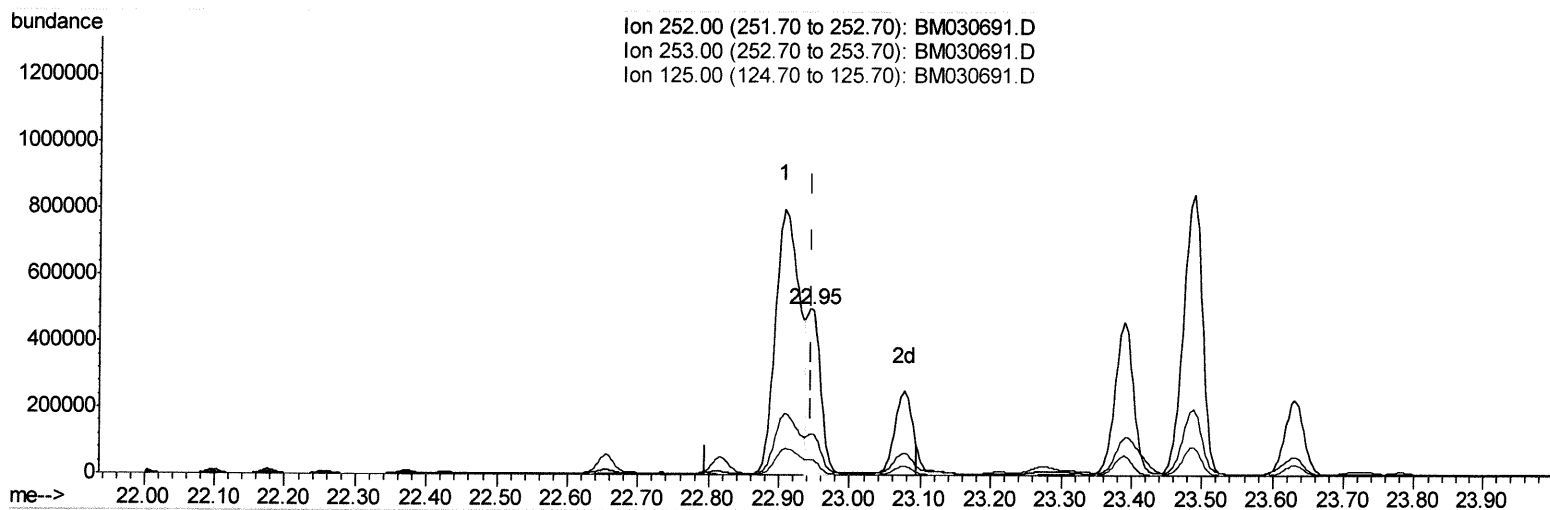
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(25) Benzo(k)fluoranthene

22.946min (+0.000) 13.76ng/ul m

response 707069

JU 6/29/21

Ion	Exp%	Act%
252.00	100	100
253.00	29.00	24.95
125.00	15.80	9.32#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062821\
 Data File : BM030691.D
 Acq On : 29 Jun 2021 14:59
 Operator : CG/JU
 Sample : M2680-07DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDD3DL

Quant Time: Jun 29 15:46:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 14:33:12 2021
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	2090	0.40	ng/ul	0.00
4) Naphthalene-d8	10.57	136	7802	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.41	164	4737	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.15	188	9051	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	8571m	0.40	ng/ul	0.00
23) Perylene-d12	23.58	264	11253	0.40	ng/ul	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.28	96	1402	0.62	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.16	152	489	0.04	ng/ul	0.00
18) Fluoranthene-d10	19.17	212	730	0.03	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.62	128	74636	3.357	ng/ul	98
7) 2-Methylnaphthalene	12.24	142	8632	0.577	ng/ul	99
8) 1-Methylnaphthalene	12.46	142	6212	0.427	ng/ul	98
10) Acenaphthylene	14.13	152	254720	12.046	ng/ul	99
11) Acenaphthene	14.48	153	118598	6.921	ng/ul	97
12) Fluorene	15.46	166	351040	18.572	ng/ul	99
15) Phenanthrene	17.20	178	2900800	95.335	ng/ul	99
16) Anthracene	17.29	178	1812417	68.016	ng/ul	97
19) Fluoranthene	19.21	202	4917264	129.982	ng/ul	100
20) Pyrene	19.57	202	3966258	104.263	ng/ul	100
21) Benzo(a)anthracene	21.31	228	2031870m	59.470	ng/ul	96
22) Chrysene	21.36	228	1622452	42.392	ng/ul	96
24) Benzo(b)fluoranthene	22.91	252	1906814m	38.257	ng/ul	96
25) Benzo(k)fluoranthene	22.95	252	707069m	13.760	ng/ul	96
26) Benzo(a)pyrene	23.49	252	1586265	37.418	ng/ul	83
27) Indeno(1,2,3-cd)pyrene	25.87	276	898511	16.270	ng/ul	92
28) Dibenzo(a,h)anthracene	25.87	278	225884	5.097	ng/ul	96
29) Benzo(g,h,i)perylene	26.57	276	698277	14.553	ng/ul	95

Ju 6/30/21

Ju 6/30/21

(#) = qualifier out of range (m) = manual integration (+) = signals summed