

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062320\
Quantitation Report (QT Reviewed)

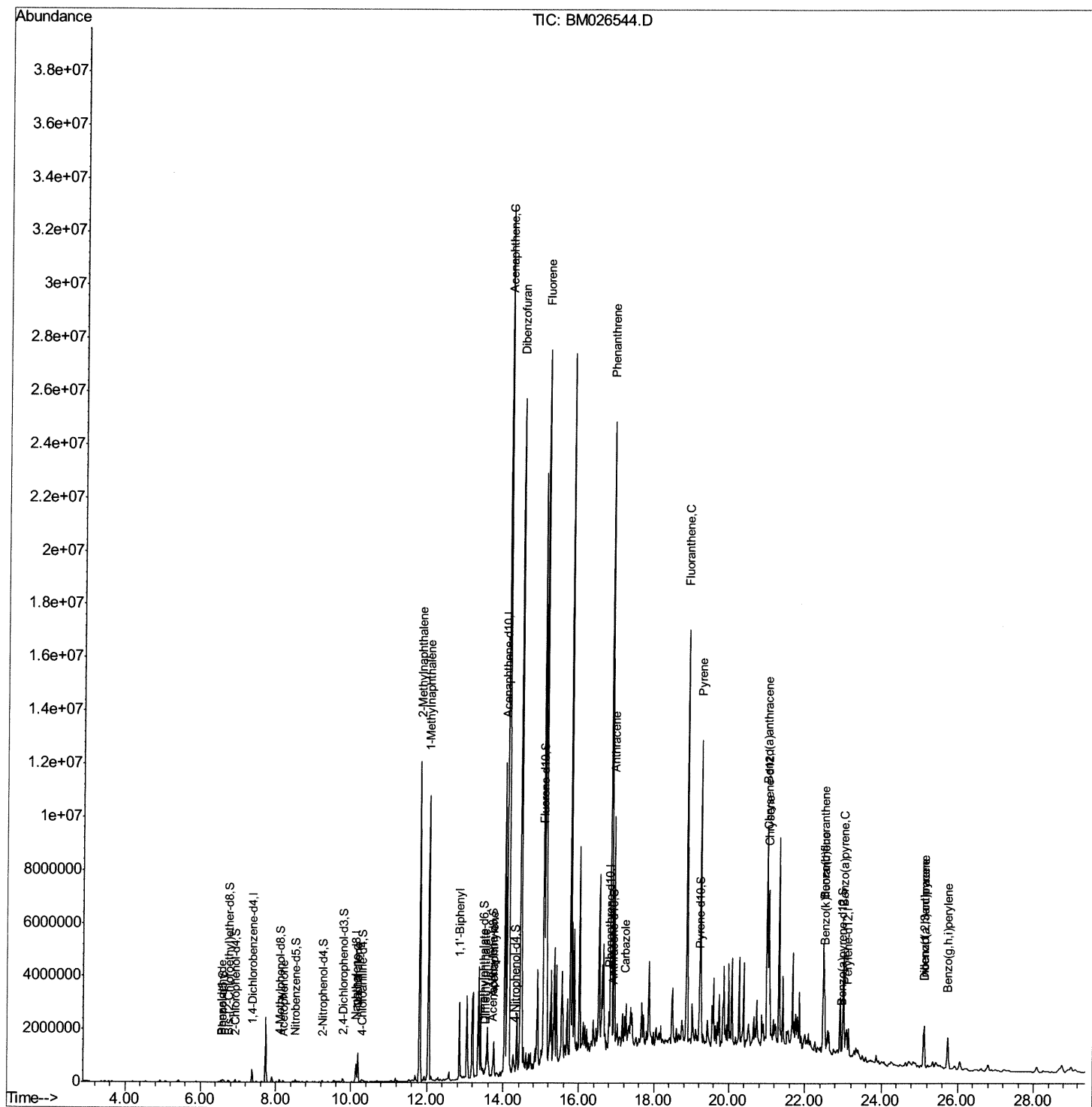
Data File : BM026544.D
Acq On : 25 Jun 2020 01:14
Operator : JU/CG
Sample : L3064-07
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ET161

Manual Integrations
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Quant Time: Jun 25 04:40:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 23 10:25:31 2020
Response via : Initial Calibration



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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	110604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	485232	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	413737	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	734930	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	796166	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	644257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	2746	0.87	ng/uL	0.00
5) Phenol-d5	6.58	99	46656	4.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	36535	5.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	38629	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	39213	4.89	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	18131	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	14699	3.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	39092	4.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	26398	2.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	144386	4.15	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	152643	3.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	7342	1.27	ng/ul	0.02
58) Fluorene-d10	15.07	176	254185m	8.51	ng/ul	0.03
63) 4,6-Dinitro-2-methylphenol	15.22	200	4611	0.96	ng/ul	0.04
71) Anthracene-d10	16.90	188	202212m	5.41	ng/ul	0.01
79) Pyrene-d10	19.20	212	222034	5.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	168590	4.73	ng/ul	0.00

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Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
4) Benzaldehyde	6.54	77	21861	3.735	ng/ul#	70
14) Acetophenone	8.20	105	32321	2.455	ng/ul#	93
28) Naphthalene	10.18	128	765362	25.939	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	5580606	269.108	ng/ul	98
41) 1,1'-Biphenyl	12.86	154	1375816	37.472	ng/ul	99
45) Dimethylphthalate	13.52	163	64992	1.799	ng/ul	99
48) Acenaphthylene	13.75	152	511948	11.517	ng/ul#	94
50) Acenaphthene	14.14	153	22265238	725.872	ng/ul	95
54) Dibenzofuran	14.47	168	19370936m	447.322	ng/ul	98
59) Fluorene	15.13	166	17300007	484.008	ng/ul	98
70) Phenanthrene	16.86	178	16388855m	355.549	ng/ul	99
72) Anthracene	16.94	178	4728094	100.075	ng/ul	99
75) Carbazole	17.20	167	214735	5.470	ng/ul#	93
77) Fluoranthene	18.88	202	9567253	189.984	ng/ul	99
80) Pyrene	19.24	202	6789067	115.983	ng/ul	99
83) Benzo(a)anthracene	20.99	228	3041395m	53.625	ng/ul	98
85) Chrysene	21.04	228	2848684	51.739	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	3289647	74.457	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	1133707	26.677	ng/ul	99
91) Benzo(a)pyrene	23.01	252	2180024	56.011	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	1386288	27.173	ng/ul	97
93) Dibenzo(a,h)anthracene	25.12	278	335073m	7.871	ng/ul	98
94) Benzo(g,h,i)perylene	25.74	276	1219742	28.621	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations
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Abundance

TIC: BM026544.D

3.8e+07

3.6e+07

3.4e+07

3.2e+07

3e+07

2.8e+07

2.6e+07

2.4e+07

2.2e+07

2e+07

1.8e+07

1.6e+07

1.4e+07

1.2e+07

1e+07

8000000

6000000

4000000

2000000

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

Phenol-d8, S

2-Chlorophenol-d4, S

1,4-Dichlorobenzene-d4, I

Acenaphthene-d8, S

Nitrobenzene-d5, S

2-Nitrophenol-d4, S

2,4-Dichlorophenol-d3, S

4-Chlorophenol-d4, S

2-Methylnaphthalene

1,1'-Biphenyl

4-Nitrophenol-d4, S

Acenaphthene-d10, I

Acenaphthene-6

Dibenzofuran

Fluorene

Fluorene-d10, S

Phenanthrene

Anthracene

Carbazole

Pyrene-d4, S

Pyrene

Fluoranthene, C

Chrysene

Benzo(a)anthracene

Benzo(a)pyrene

Benzo(a)pyrene-d10, S

Benzo(a)pyrene-d12, S

Benzo(a)pyrene, C

Dibenz(a,h)pyrene

Benzo(g,h,i)perylene

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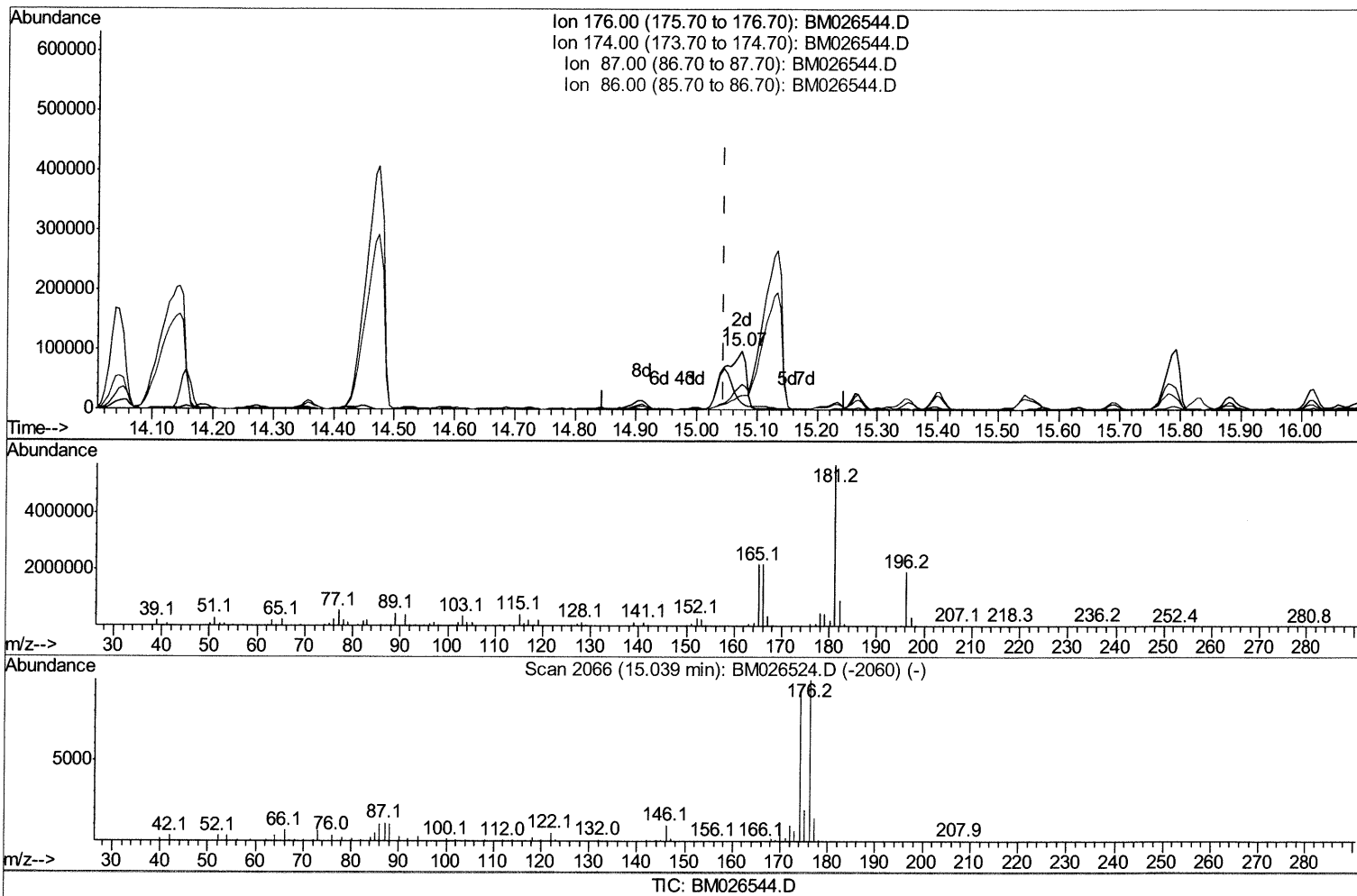
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(58) Fluorene-d10 (S)

15.074min (+0.029) 8.51ng/ul m 06/26/20 JU

response 254185

Ion	Exp%	Act%
176.00	100	100
174.00	94.40	10.71#
87.00	11.20	42.75#
86.00	10.70	24.81#

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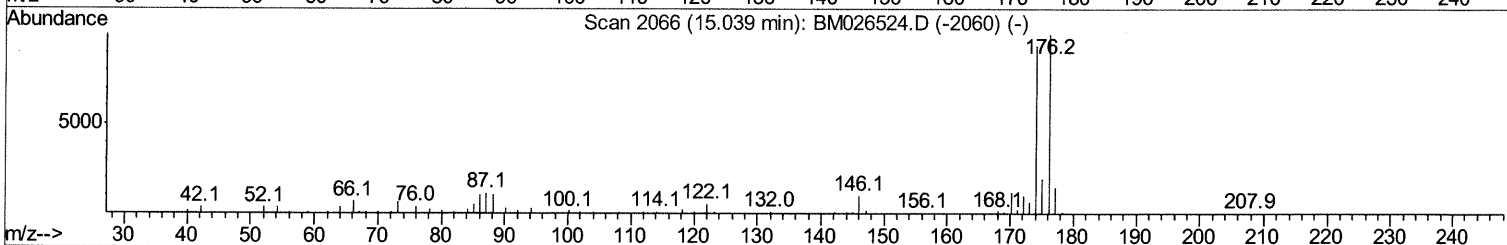
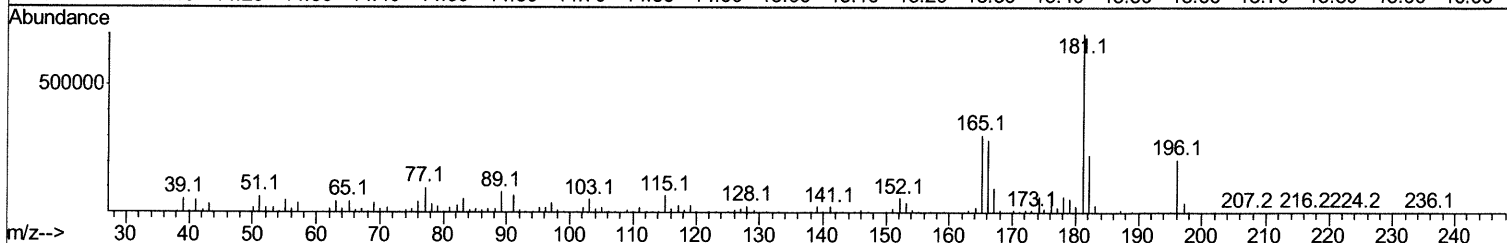
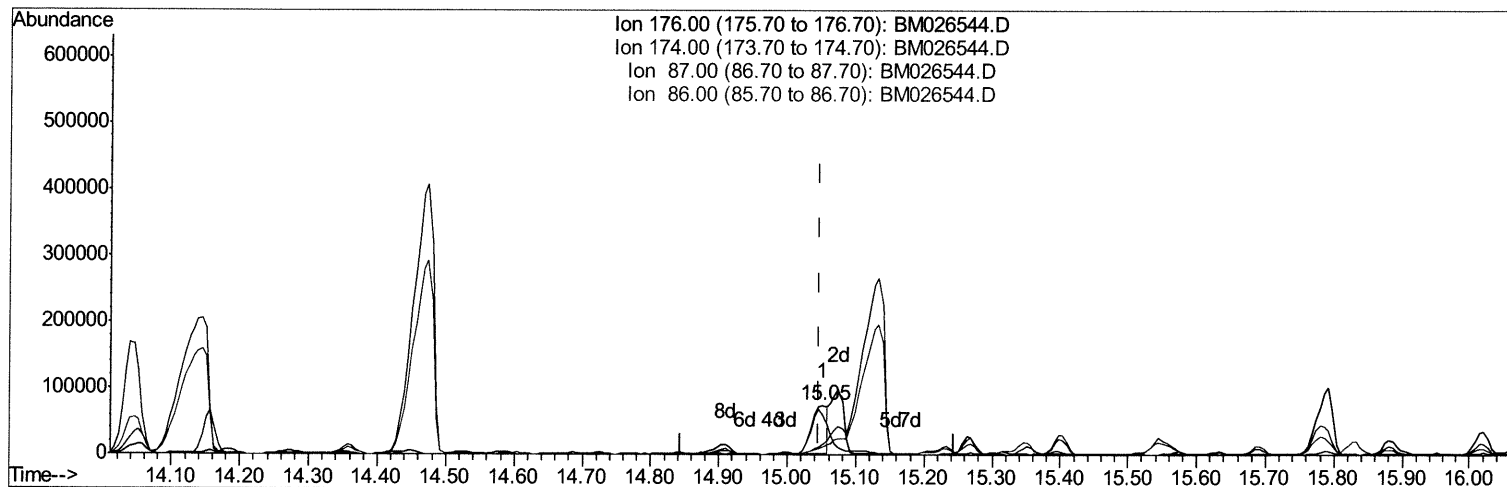
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(58) Fluorene-d10 (S)

15.051min (+0.006) 3.96ng/ul

response 118231

Ion	Exp%	Act%
176.00	100	100
174.00	94.40	82.26
87.00	11.20	20.07#
86.00	10.70	15.65#

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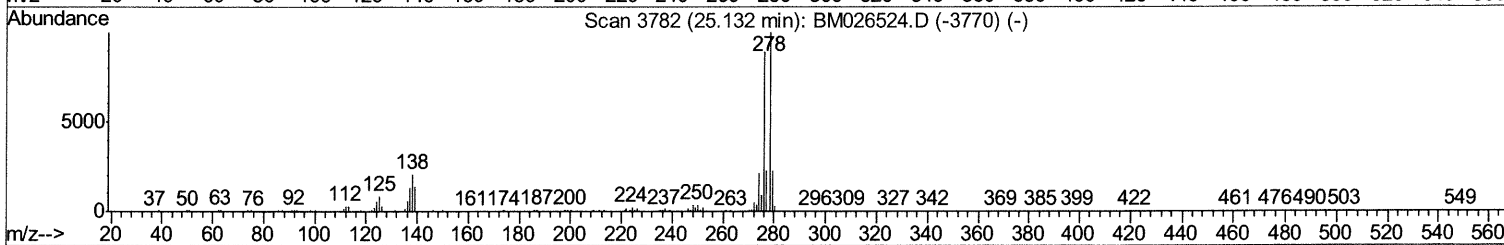
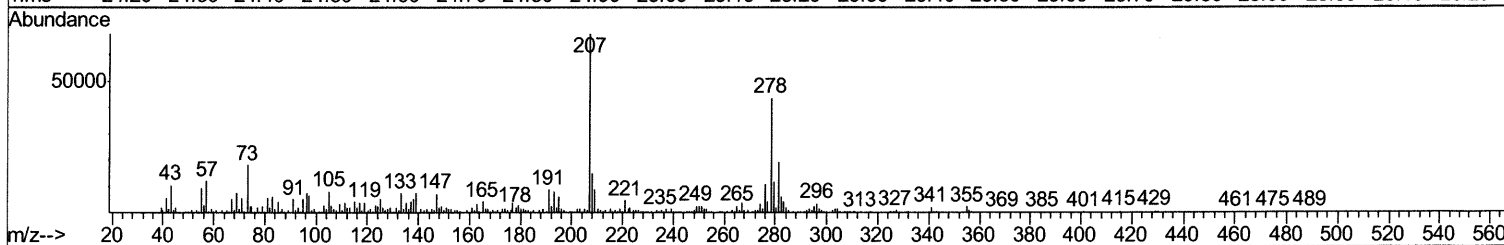
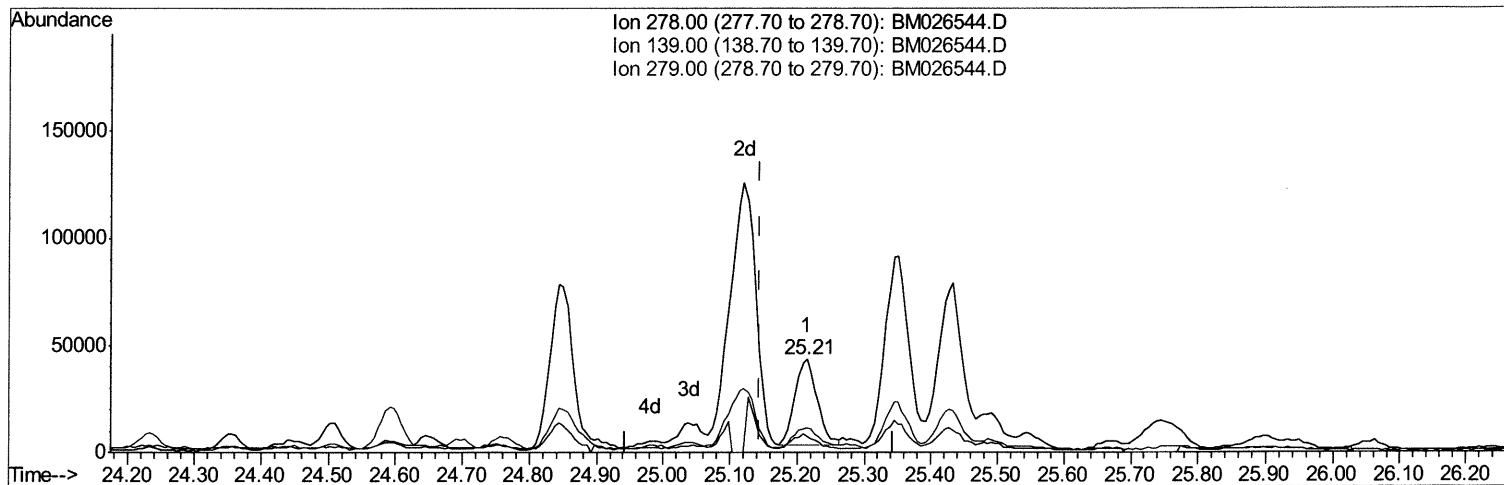
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(93) Dibenzo(a,h)anthracene

25.215min (+0.070) 2.12ng/ul

response 90317

Ion	Exp%	Act%
278.00	100	100
139.00	14.80	16.97
279.00	23.00	26.96
0.00	0.00	0.00

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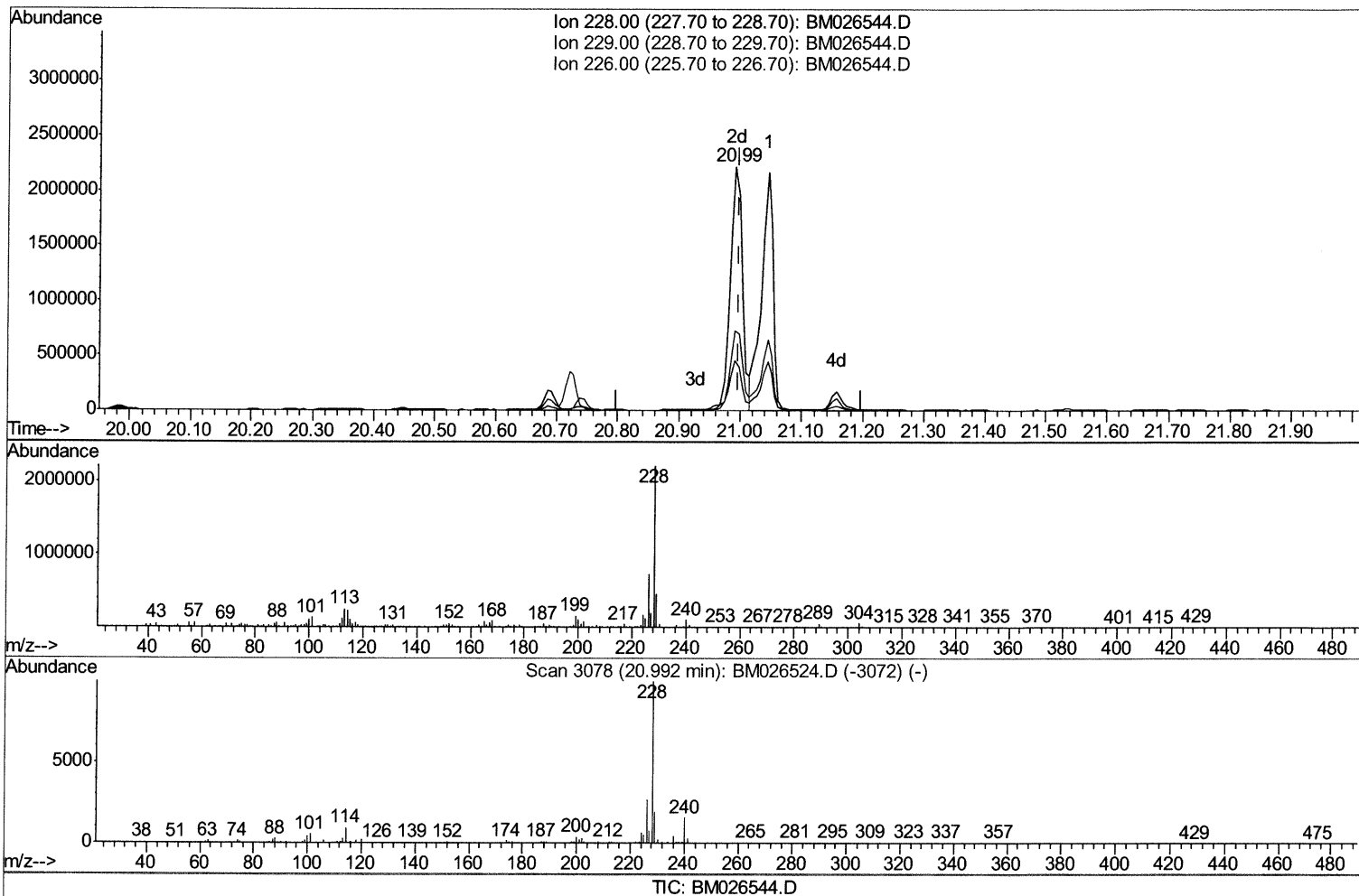
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(83) Benzo(a)anthracene

20.992min (-0.006) 53.62ng/ul m 06/26/20 JU

response 3041395

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.24
226.00	26.20	32.67#
0.00	0.00	0.00

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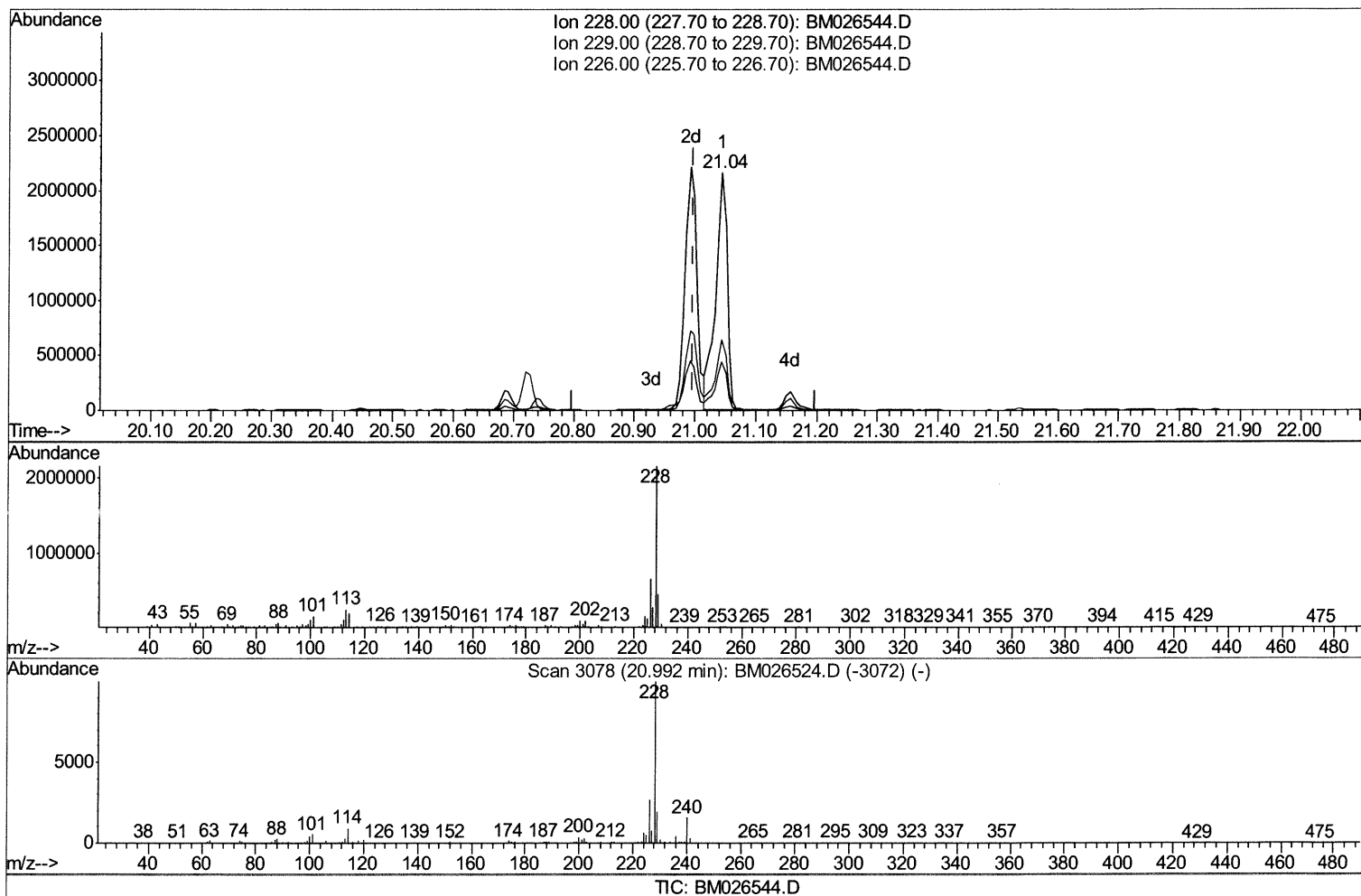
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(83) Benzo(a)anthracene

21.044min (+0.047) 50.09ng/ul

response 2840861

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	20.72
226.00	26.20	30.05
0.00	0.00	0.00

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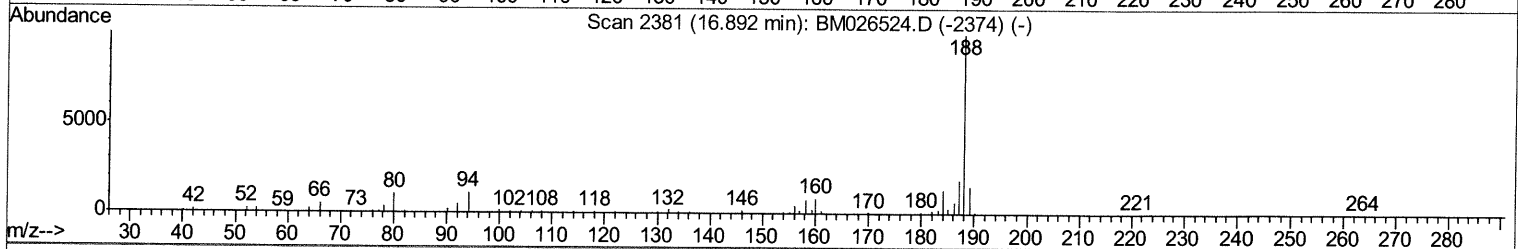
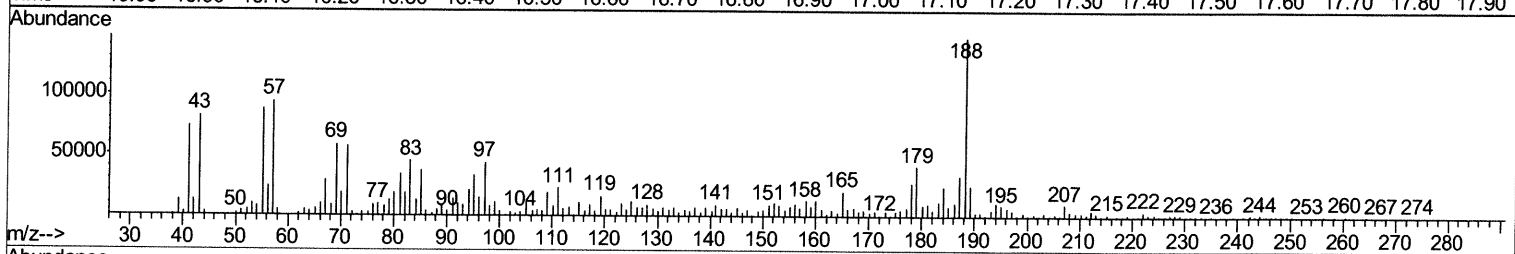
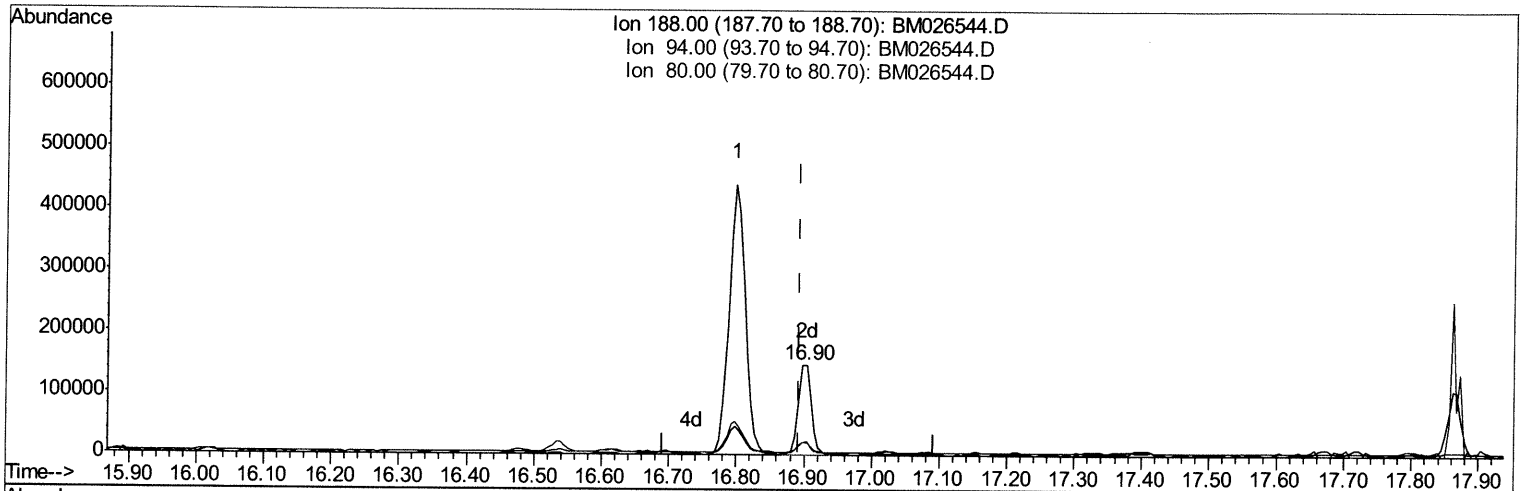
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(71) Anthracene-d10 (S)

16.904min (+0.011) 5.41ng/ul m 06/26/20 JU

response 202212

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	14.49#
80.00	12.10	13.25
0.00	0.00	0.00

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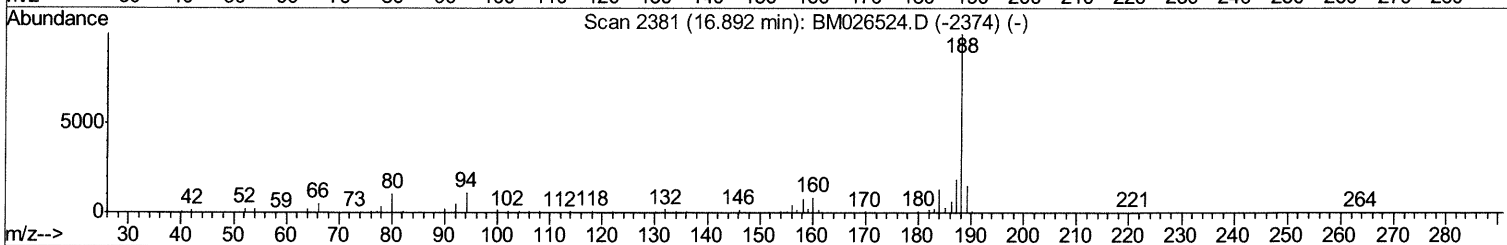
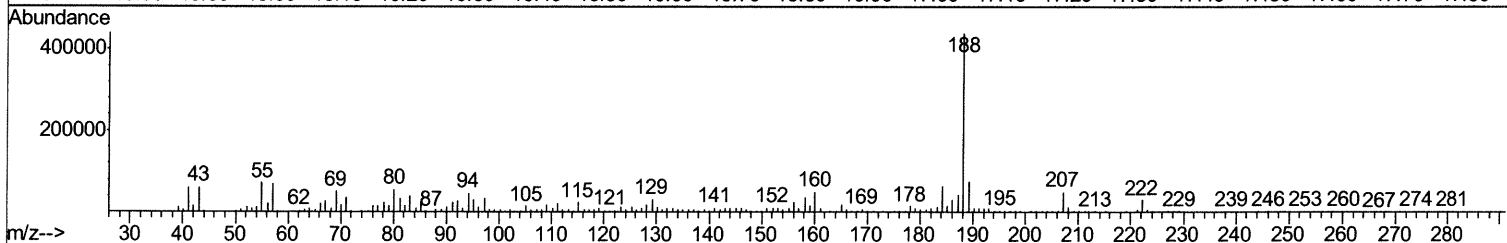
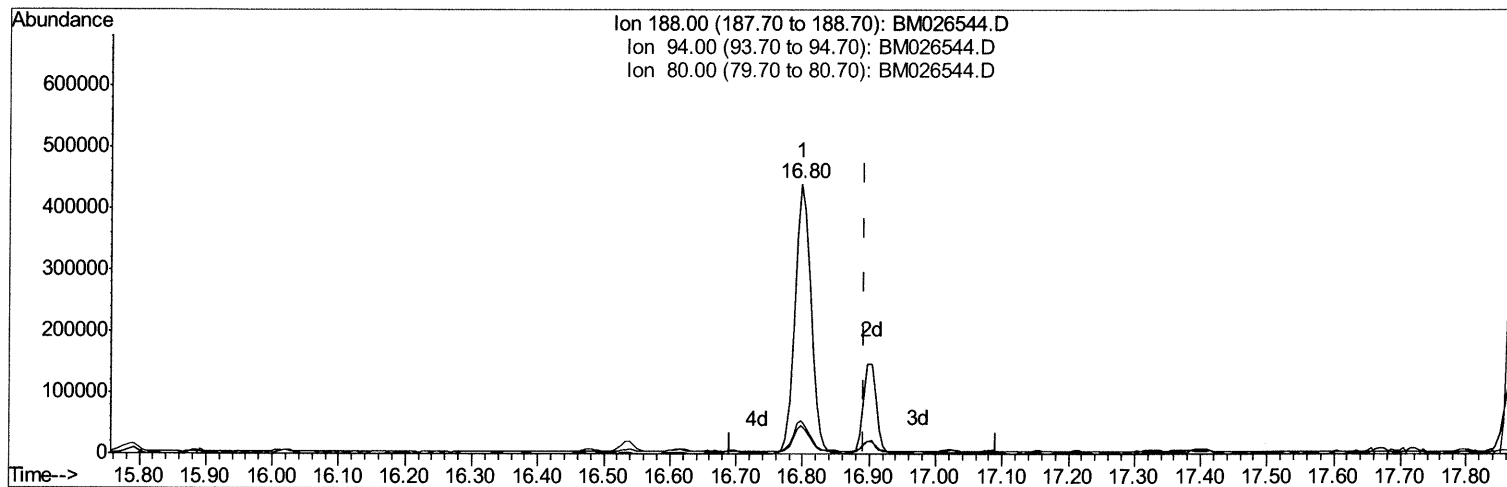
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(71) Anthracene-d10 (S)

16.798min (-0.094) 19.64ng/ul

response 734930

Ion	Exp%	Act%
188.00	100	100
94.00	11.40	10.52
80.00	12.10	12.39
0.00	0.00	0.00

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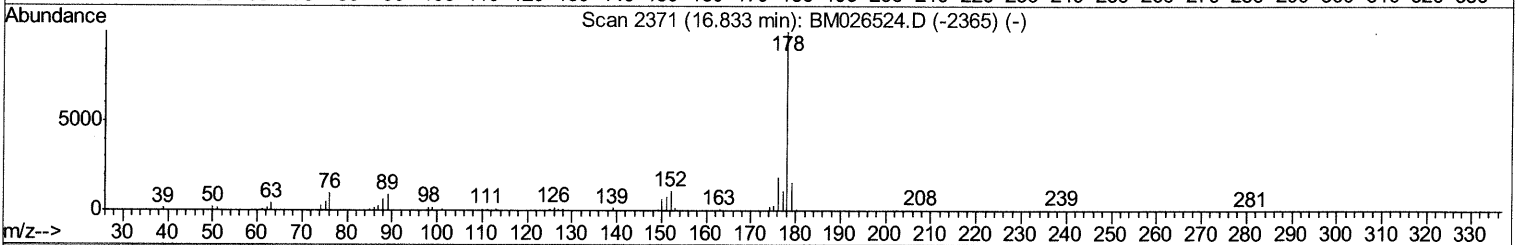
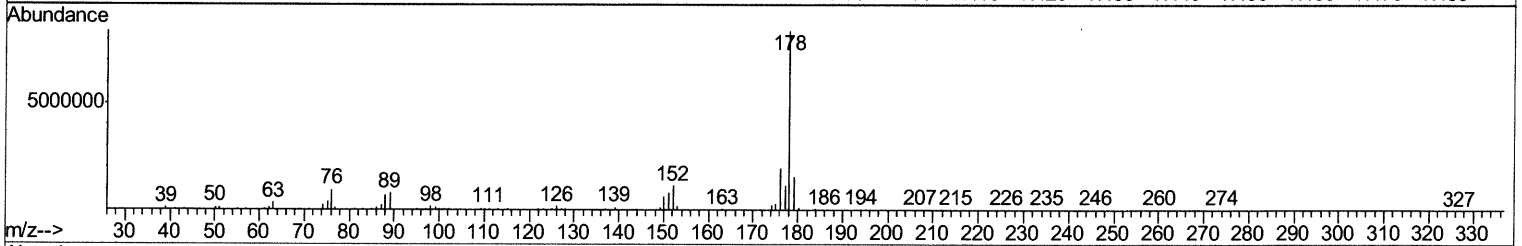
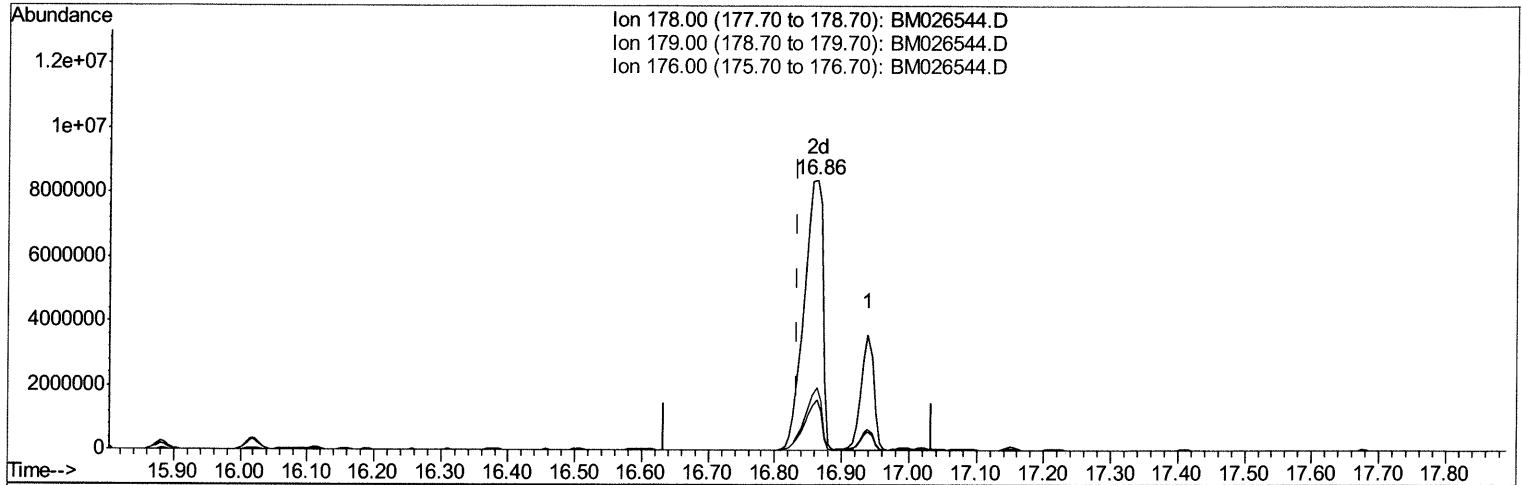
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(70) Phenanthrene

16.862min (+0.029) 355.55ng/ul m 06/26/20 JU

response 16388855

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	18.59
176.00	18.70	23.26#
0.00	0.00	0.00

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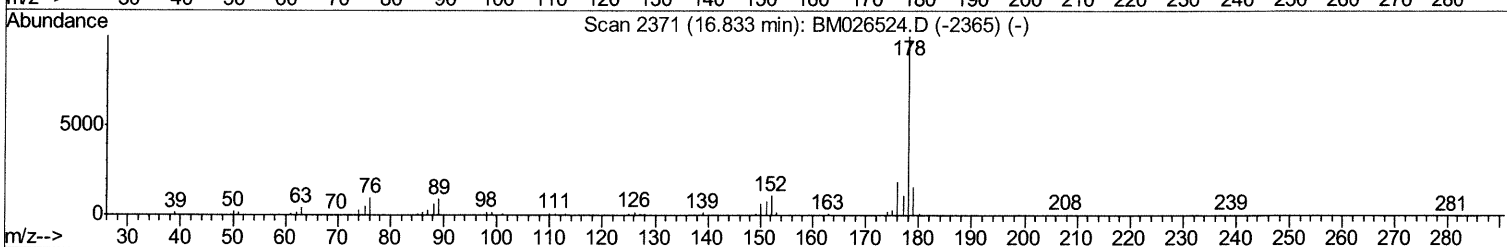
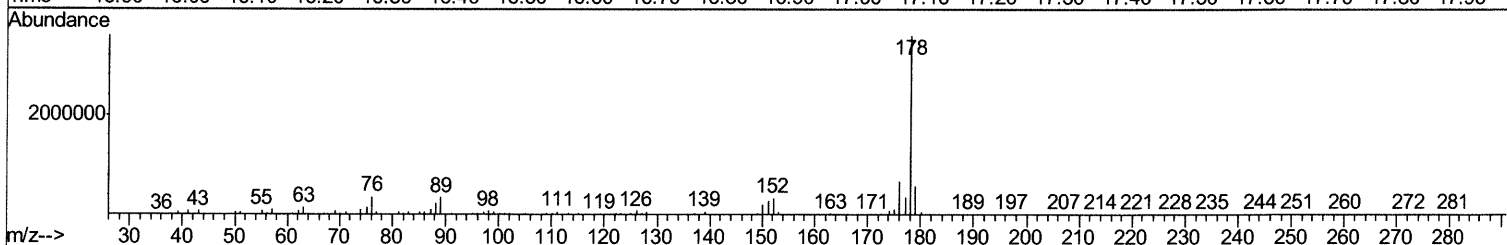
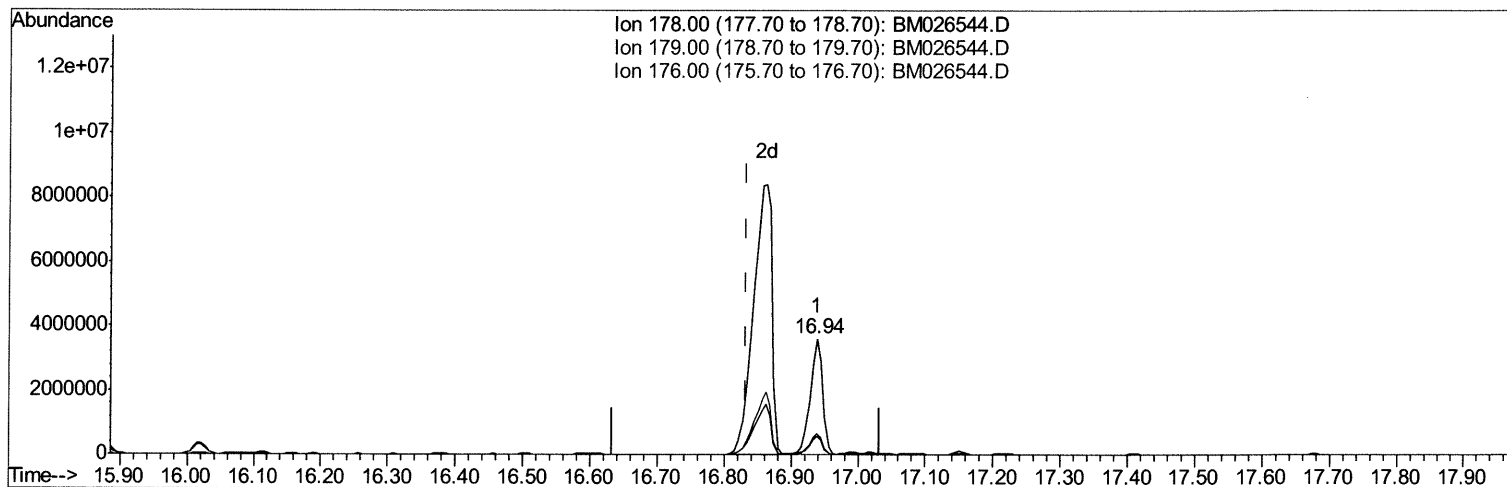
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(70) Phenanthrene

16.939min (+0.106) 101.86ng/ul

response 4695071

Ion	Exp%	Act%
178.00	100	100
179.00	15.50	15.69
176.00	18.70	18.54
0.00	0.00	0.00

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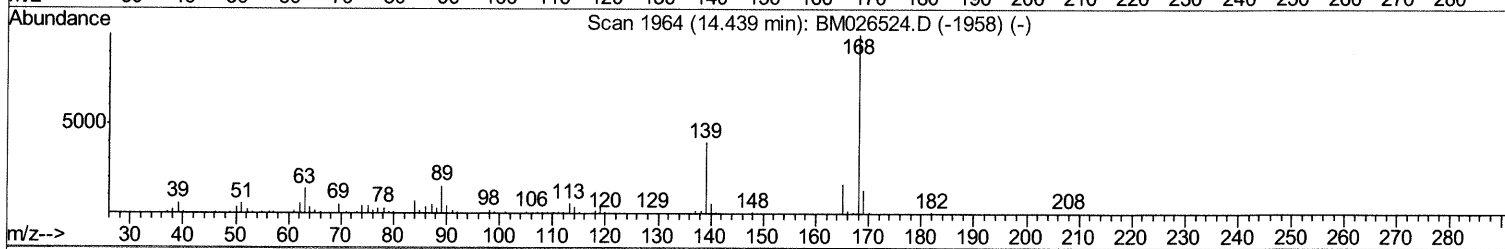
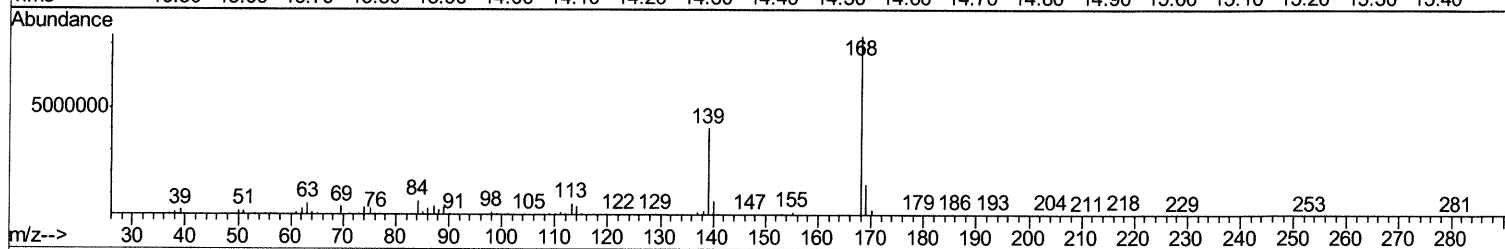
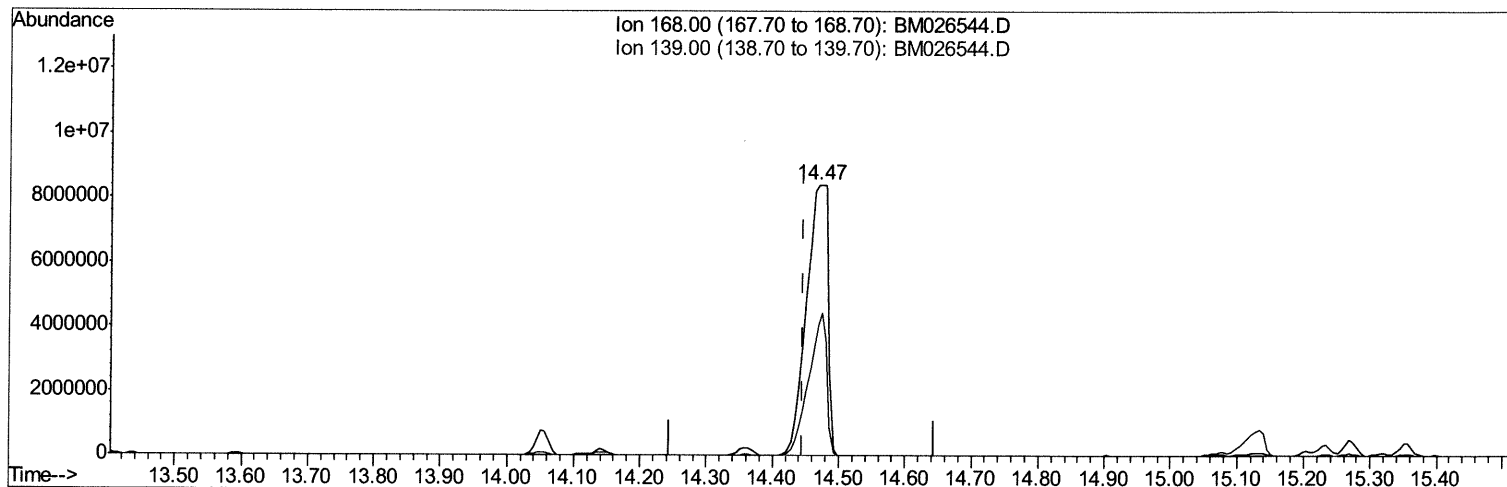
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6/25/2020 1:05:38 PM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 23 10:25:31 2020
Response via : Initial Calibration



TIC: BM026544.D

(54) Dibenzofuran

14.468min (+0.023) 447.32ng/ul m 06/26/20 Ju

response 19370936

Ion	Exp%	Act%
168.00	100	100
139.00	38.90	48.32#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062320\
Quantitation Report (Qedit)

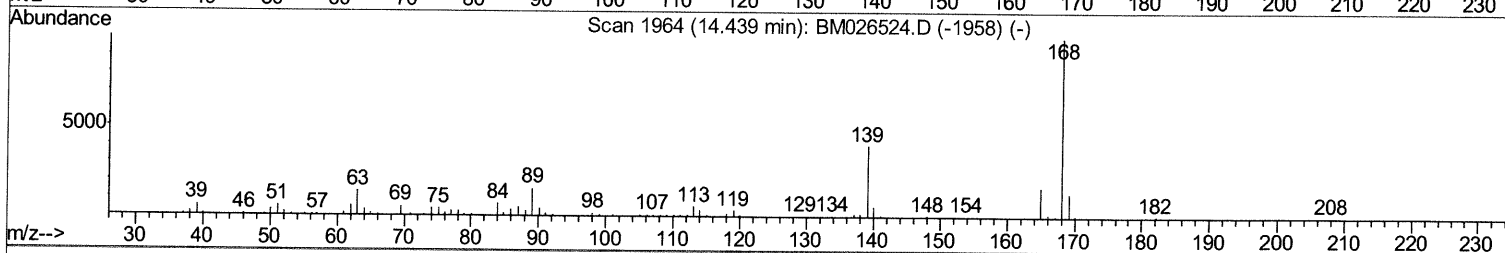
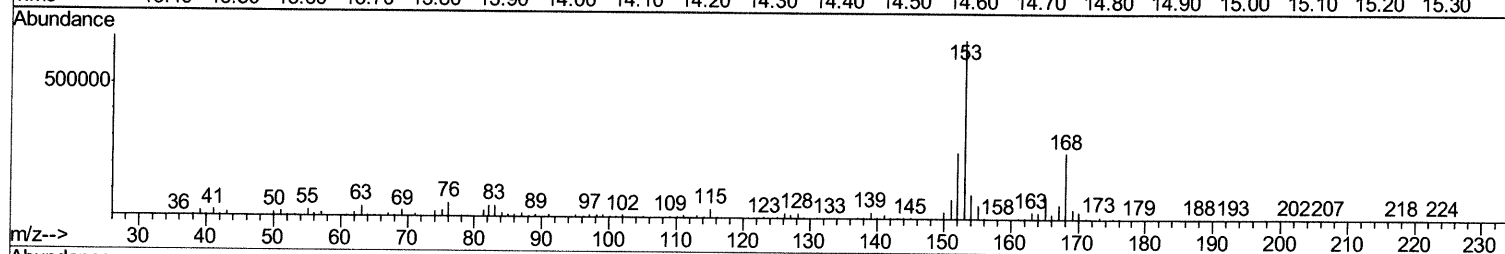
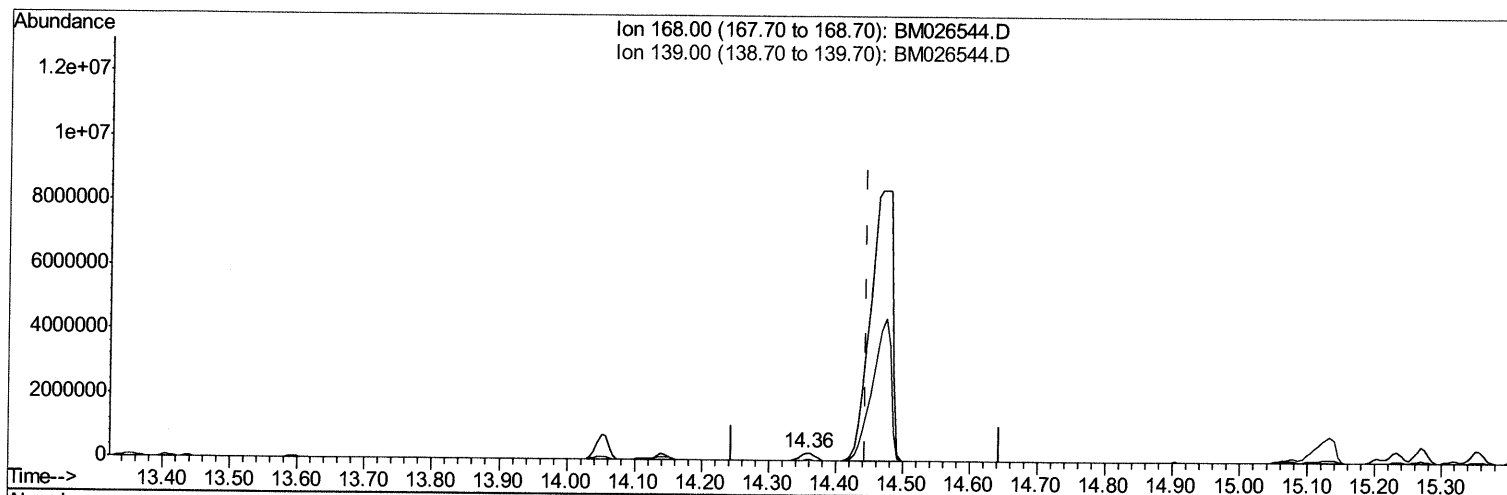
Data File : BM026544.D
Acq On : 25 Jun 2020 01:14
Operator : JU/CG
Sample : L3064-07
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ET161

Manual Integrations
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6/25/2020 1:05:38 PM

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(54) Dibenzo(f,h)quinoxaline

14.357min (-0.089) 8.24ng/ul

response 356852

Ion	Exp%	Act%
168.00	100	100
139.00	38.90	9.49#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062320\
Quantitation Report (Qedit)

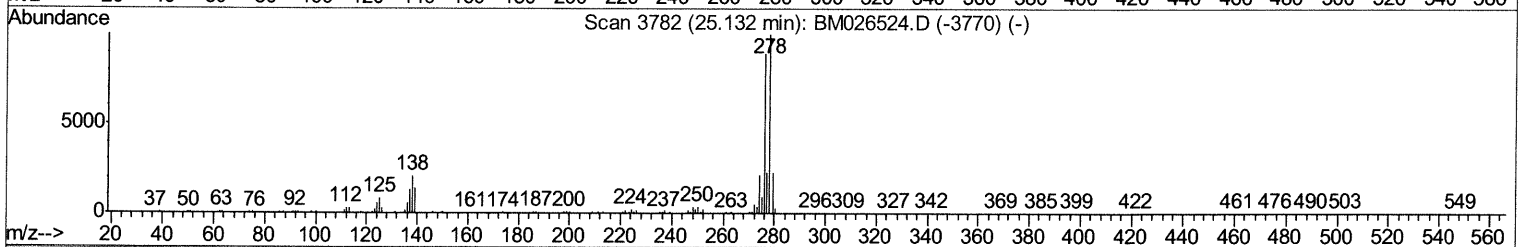
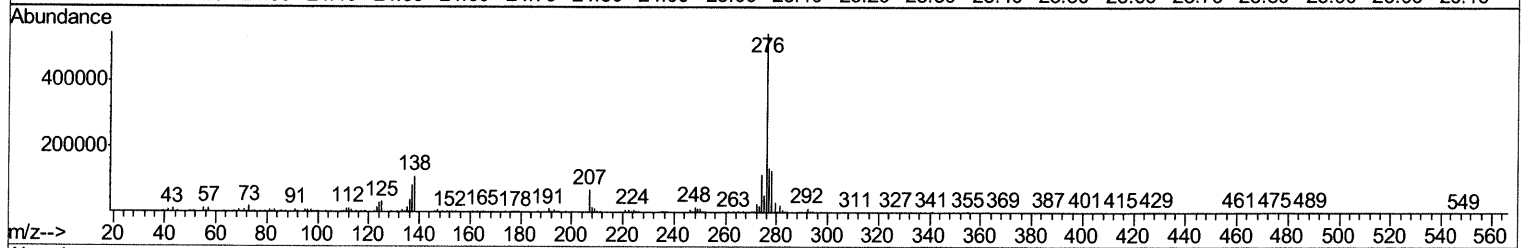
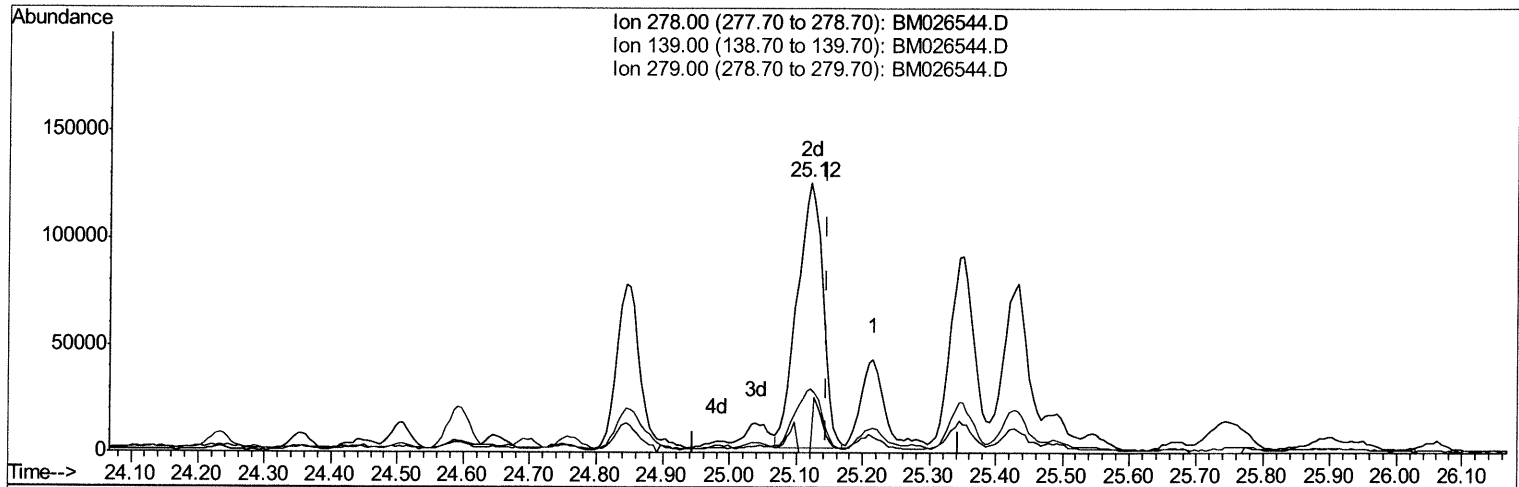
Data File : BM026544.D
Acq On : 25 Jun 2020 01:14
Operator : JU/CG
Sample : L3064-07
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
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TIC: BM026544.D

(93) Dibenzo(a,h)anthracene

25.121min (-0.024) 7.87ng/ul m 06/26/20 JU

response 335073

Ion	Exp%	Act%
278.00	100	100
139.00	14.80	0.00#
279.00	23.00	23.77
0.00	0.00	0.00

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Quantitation Report (QT Reviewed)

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Sample : L3064-07
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jun 25 04:40:29 2020
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	110604	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	485232	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	413737	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	734930	20.00	ng/ul	0.00
78) Chrysene-d12	21.01	240	796166	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	644257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	2746	0.87	ng/uL	0.00
5) Phenol-d5	6.58	99	46656	4.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	36535	5.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	38629	4.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	39213	4.89	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	18131	4.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	14699	3.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	39092	4.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	26398	2.90	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	144386	4.15	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	152643	3.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	7342	1.27	ng/ul	0.02
58) Fluorene-d10	15.05	176	118231	3.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	4611	0.96	ng/ul	0.04
71) Anthracene-d10	16.90	188	202212m>	5.41	ng/ul>	0.01
79) Pyrene-d10	19.20	212	222034	5.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	168590	4.73	ng/ul	0.00

06/26/20 JU

Target Compounds

						Qvalue
4) Benzaldehyde	6.54	77	21861	3.735	ng/ul#	70
14) Acetophenone	8.20	105	32321	2.455	ng/ul#	93
28) Naphthalene	10.18	128	765362	25.939	ng/ul	98
34) 2-Methylnaphthalene	11.82	142	5580606	269.108	ng/ul	98
35) 1-Methylnaphthalene	12.05	142	4788350	248.382	ng/ul	98
41) 1,1'-Biphenyl	12.86	154	1375816	37.472	ng/ul	99
45) Dimethylphthalate	13.52	163	64992	1.799	ng/ul	99
48) Acenaphthylene	13.75	152	511948	11.517	ng/ul#	94
50) Acenaphthene	14.14	153	22265238	725.872	ng/ul	95
54) Dibenzofuran	14.47	168	19370936m>	447.322	ng/ul>	98
59) Fluorene	15.13	166	17300007	484.008	ng/ul	98
70) Phenanthrene	16.86	178	16388855m>	355.549	ng/ul>	98
72) Anthracene	16.94	178	4728094	100.075	ng/ul	99
75) Carbazole	17.20	167	214735	5.470	ng/ul#	93
77) Fluoranthene	18.88	202	9567253	189.984	ng/ul	99
80) Pyrene	19.24	202	6789067	115.983	ng/ul	99
83) Benzo(a)anthracene	20.99	228	3041395m>	53.625	ng/ul>	98
85) Chrysene	21.04	228	2848684	51.739	ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	3289647	74.457	ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	1133707	26.677	ng/ul	99
91) Benzo(a)pyrene	23.01	252	2180024	56.011	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	1386288	27.173	ng/ul	97
93) Dibenzo(a,h)anthracene	25.12	278	335073m>	7.871	ng/ul>	98

06/26/20 JU

06/26/20 JU

06/26/20 JU

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	25.74	276	1219742	28.621	ng/ul	100

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