

Quantitation Report (QT Reviewed)

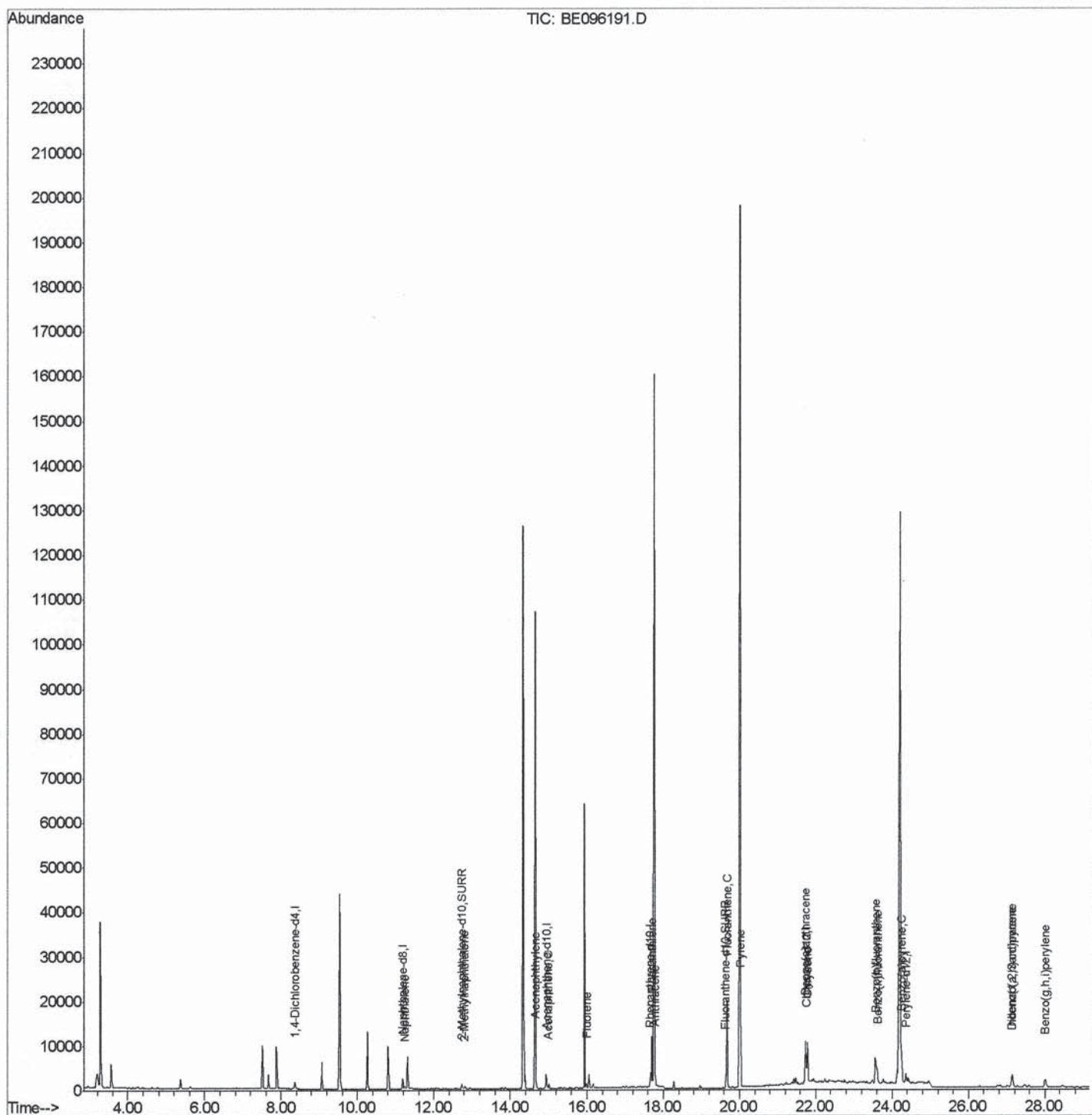
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:41:28 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

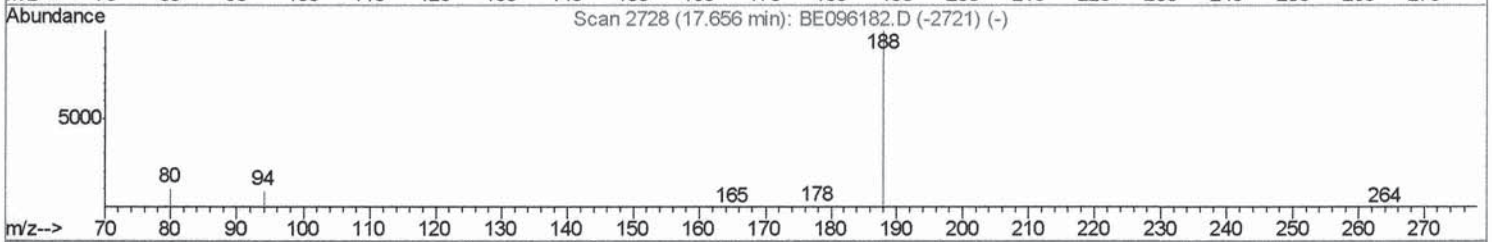
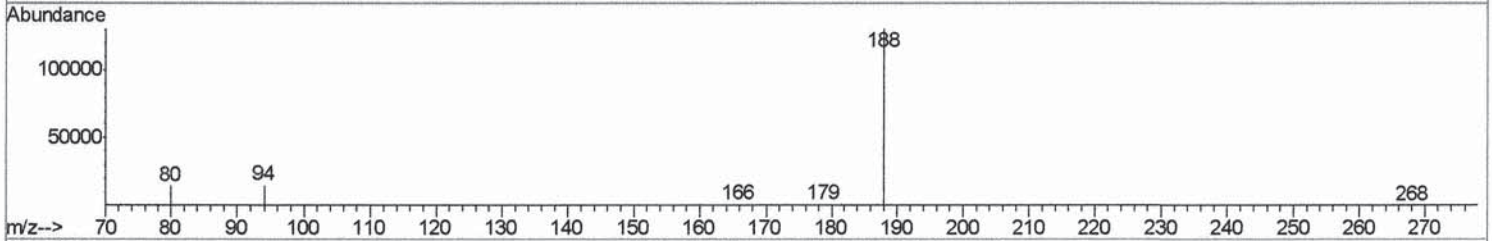
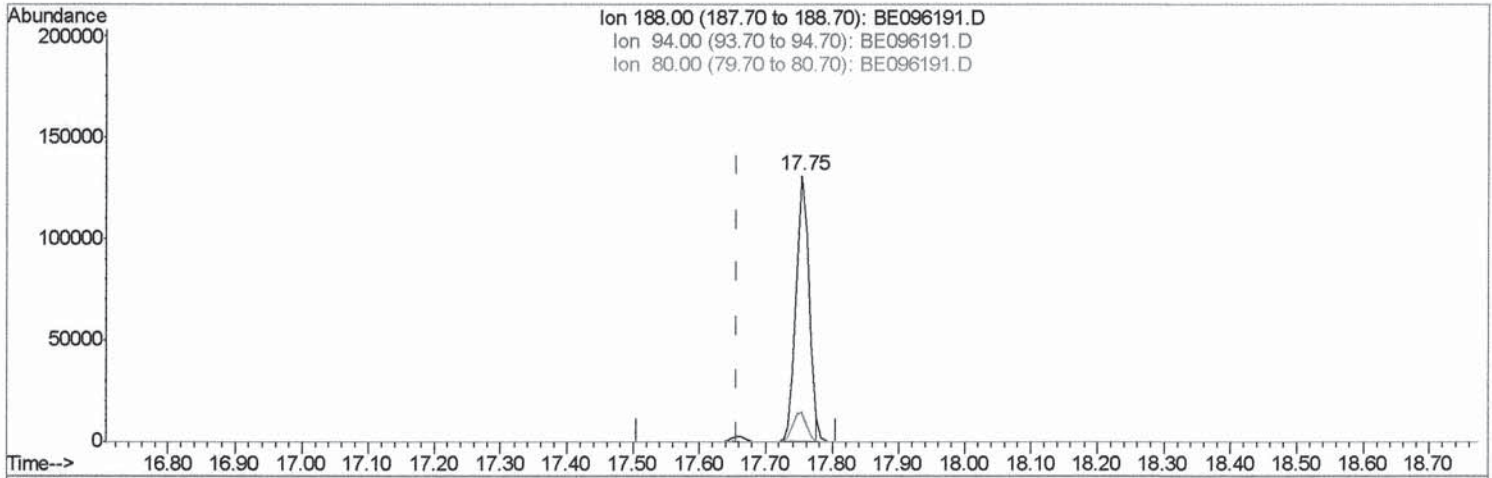
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Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 05:02:11 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096191.D

(10) Phenanthrene-d10 (I)
 17.754min (+0.098) 0.40ng/ul
 response 176603

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	11.19
80.00	11.80	10.78
0.00	0.00	0.00

Quantitation Report (Qedit)

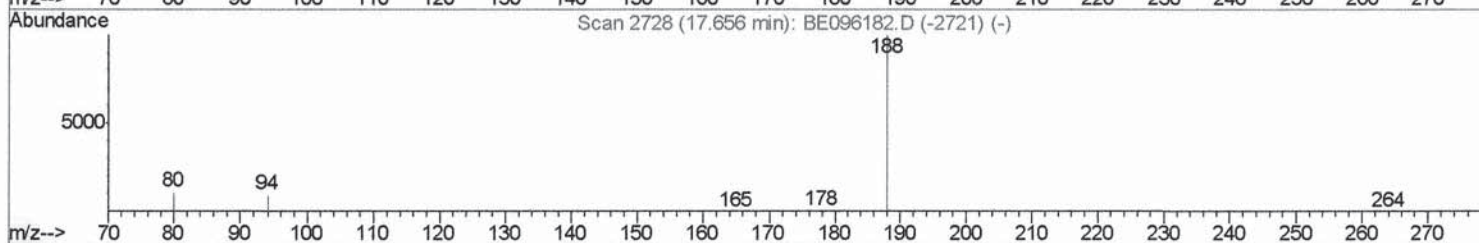
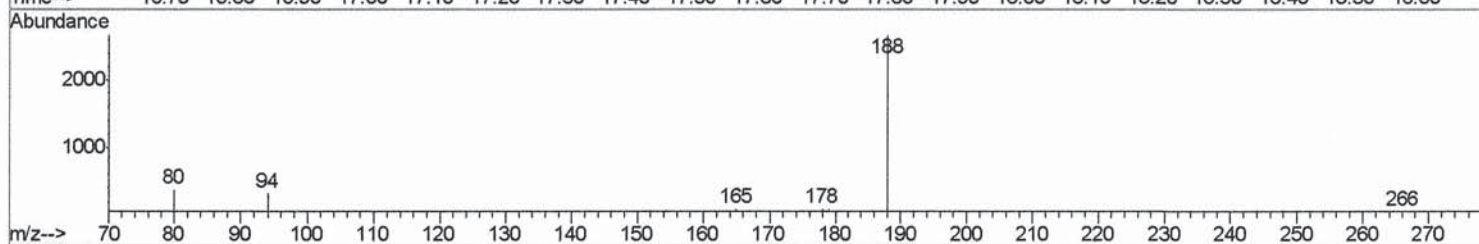
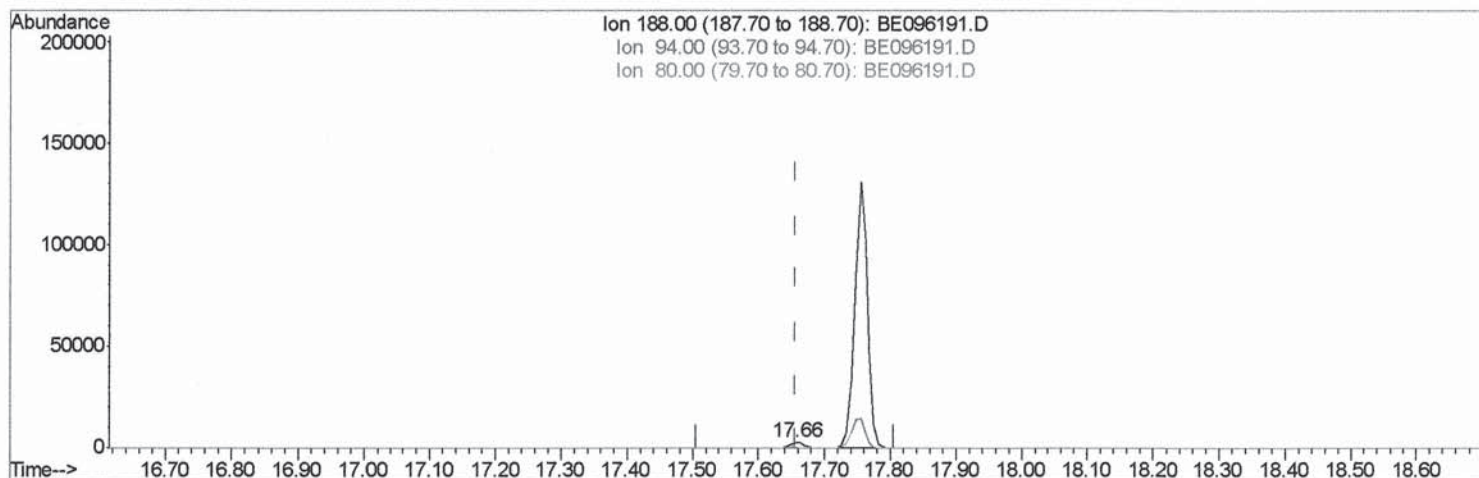
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TIC: BE096191.D

(10) Phenanthrene-d10 (I)

17.655min (-0.001) 0.40ng/ul m> SJ 5/1/18

response 3772

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	12.21
80.00	11.80	13.98
0.00	0.00	0.00

Quantitation Report (Qedit)

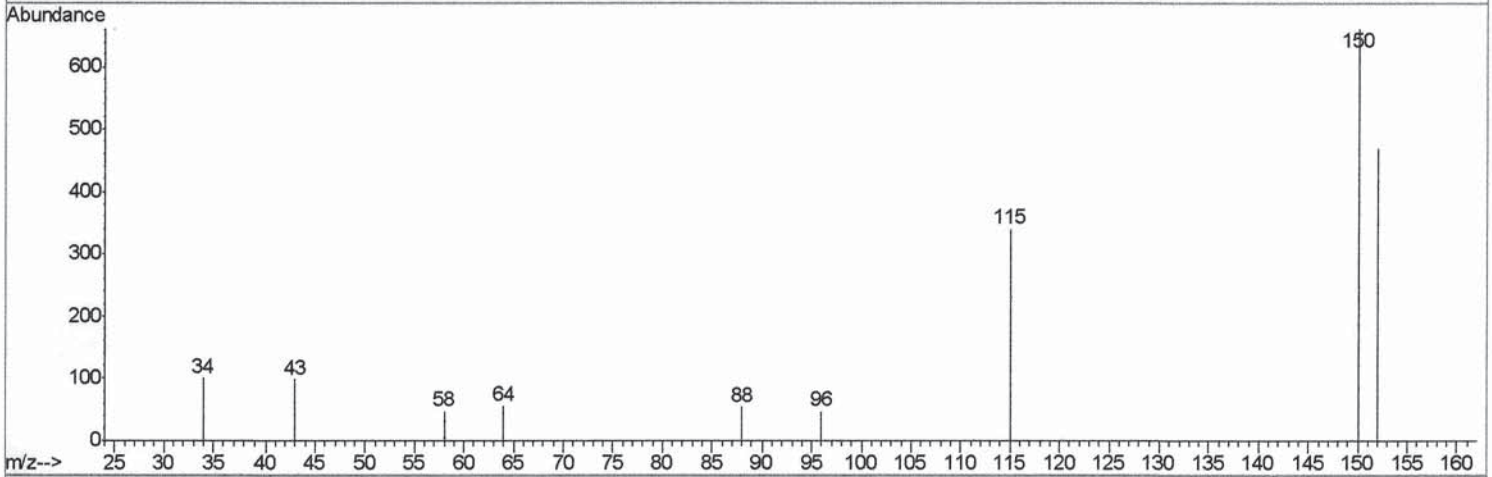
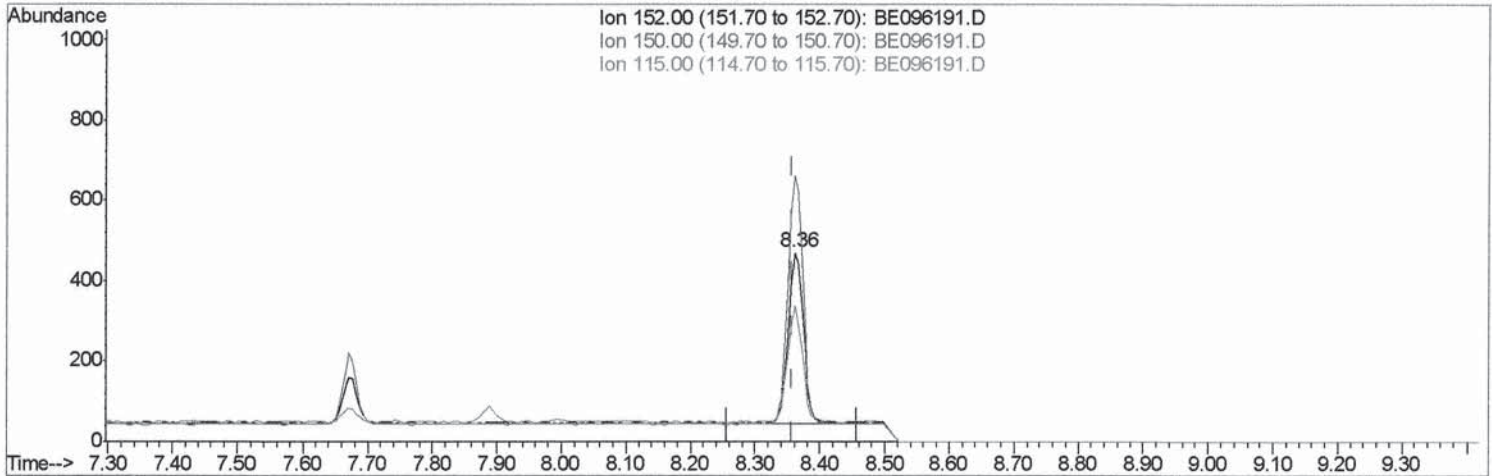
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(1) 1,4-Dichlorobenzene-d4 (I)

8.360min (+0.002) 0.40ng/ul

response 695

Ion	Exp%	Act%
152.00	100	100
150.00	143.40	140.94
115.00	64.90	72.49
0.00	0.00	0.00

Quantitation Report (Qedit)

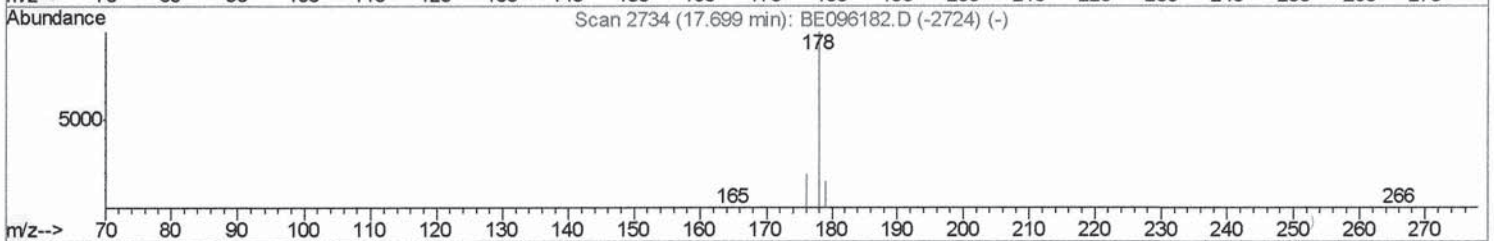
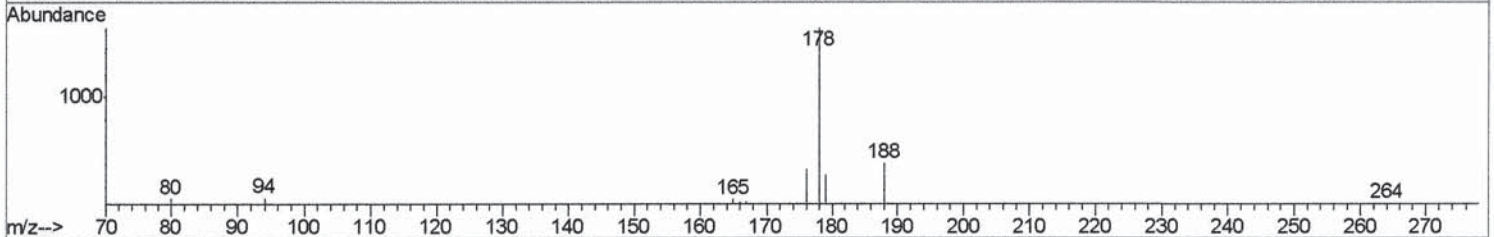
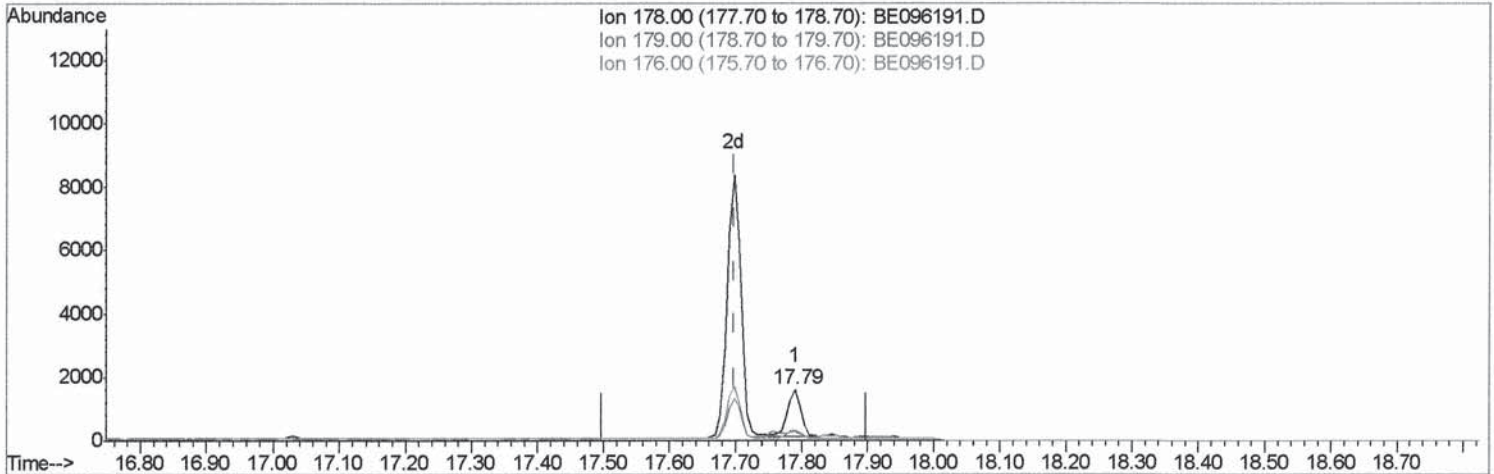
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TIC: BE096191.D

(12) Phenanthrene

17.789min (+0.091) 0.19ng/ul

response 2150

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	18.94
176.00	17.00	22.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

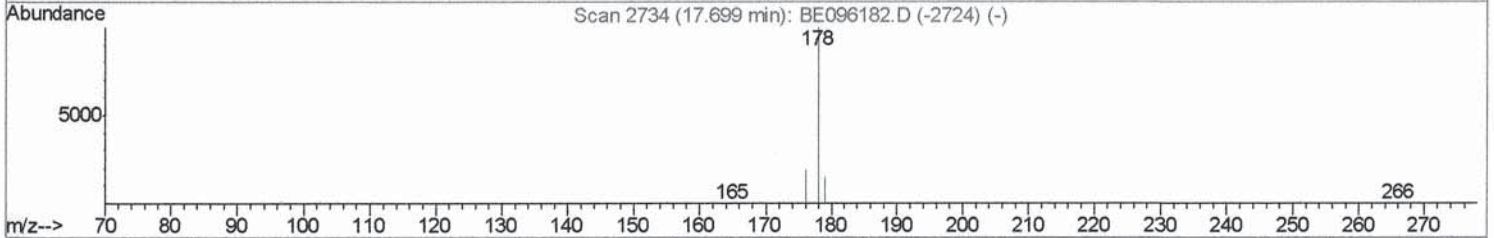
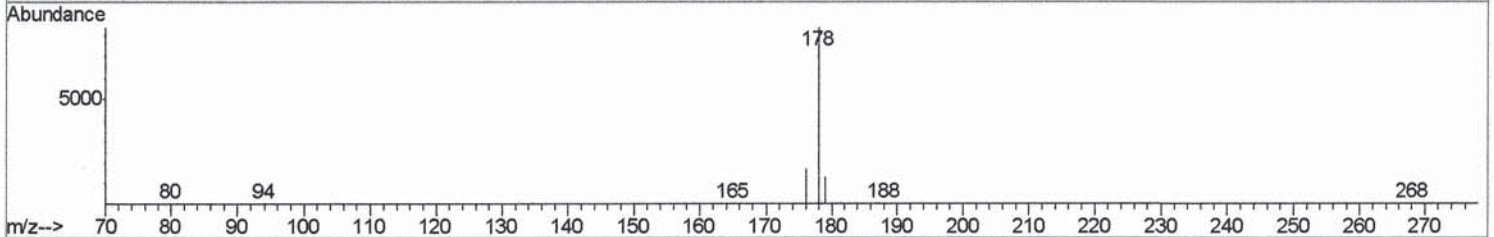
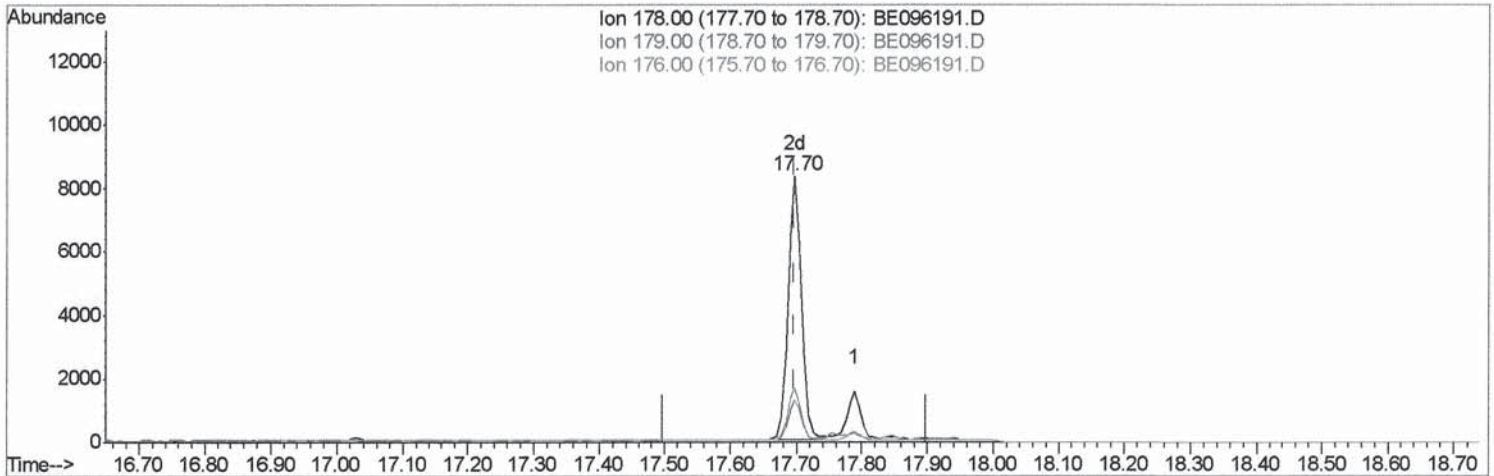
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(12) Phenanthrene

17.698min (-0.001) 1.09ng/ul m) SJ 5/1/18

response 12129

Ion	Exp%	Act%
178.00	100	100
179.00	23.00	15.78#
176.00	17.00	20.58#
0.00	0.00	0.00

Quantitation Report (Qedit)

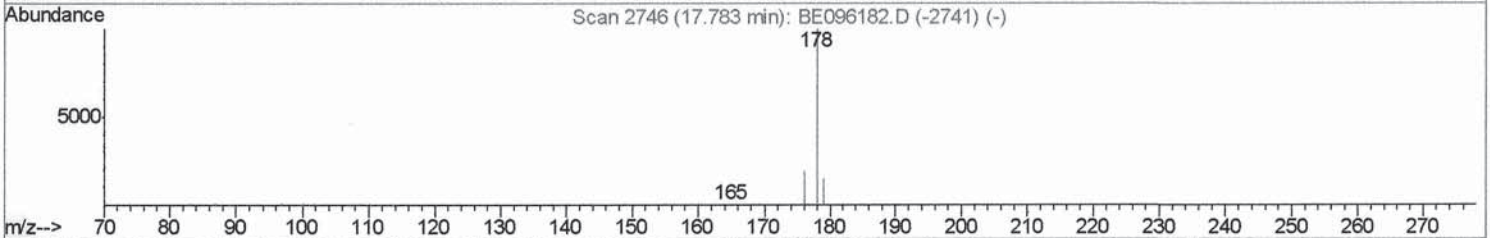
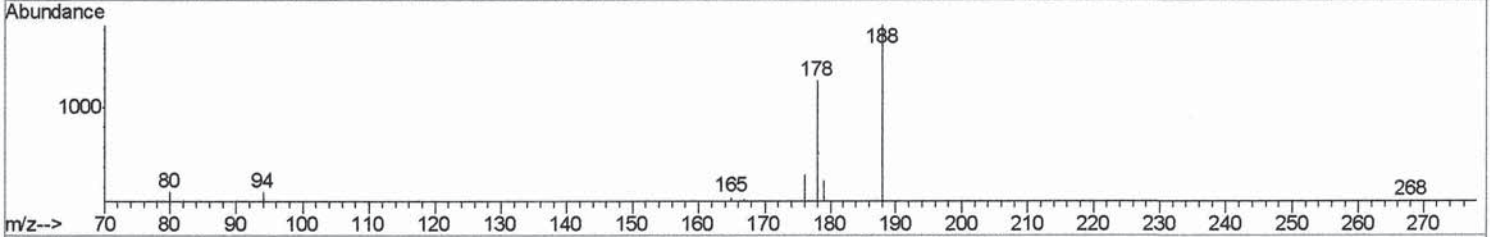
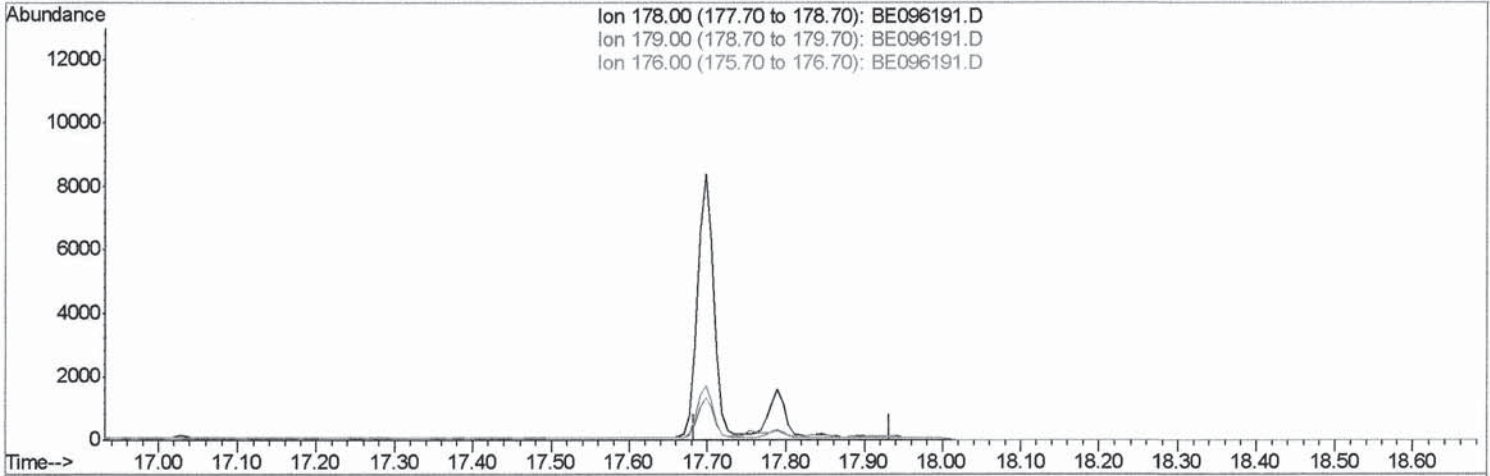
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TIC: BE096191.D

(13) Anthracene

17.783min (-17.783) 0.00ng/ul

response 0

Ion	Exp%	Act%
178.00	100	0.00
179.00	22.60	0.00#
176.00	18.40	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

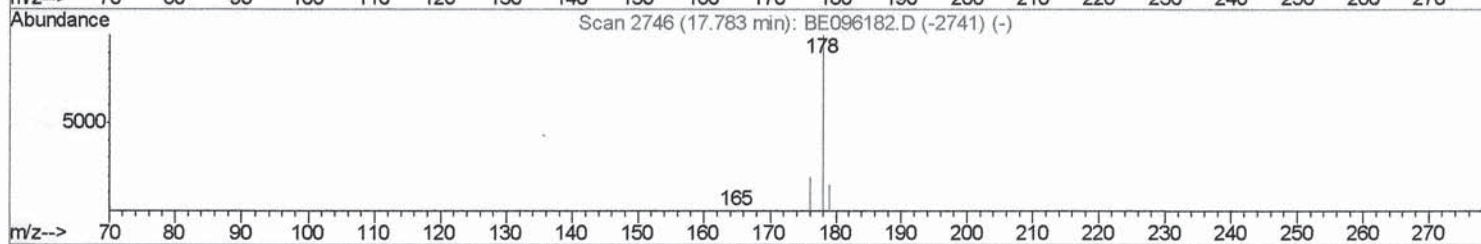
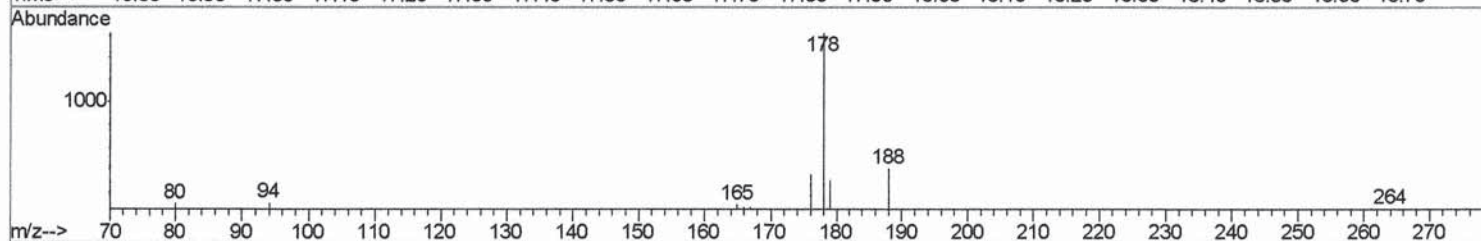
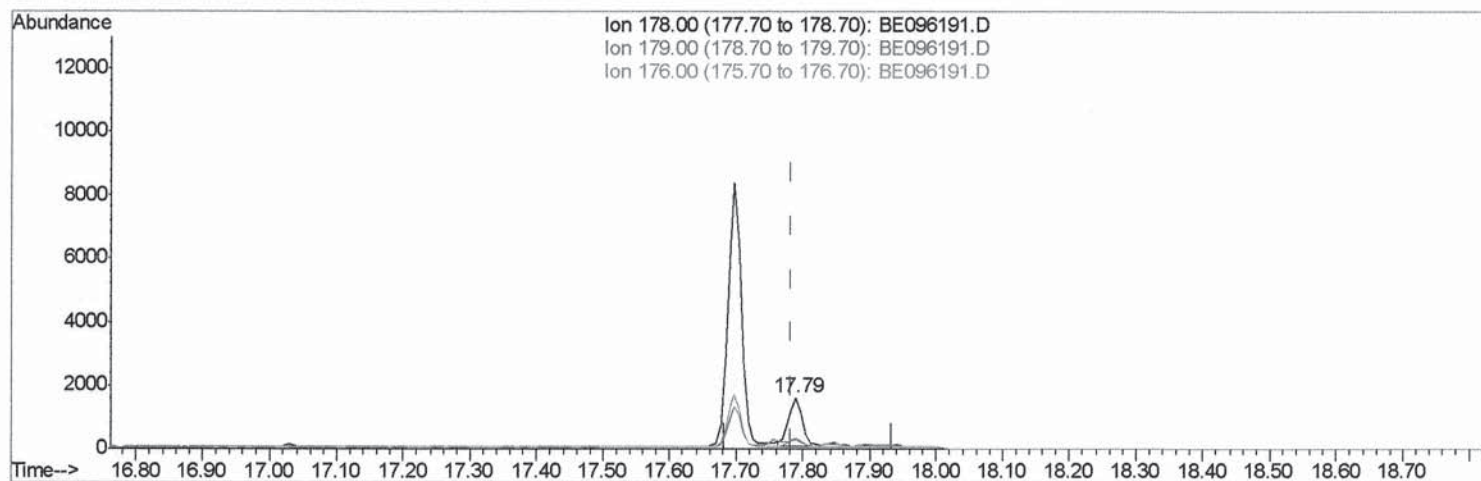
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TIC: BE096191.D

(13) Anthracene

17.789min (+0.006) 0.20ng/ul m> SJ 5/1/18

response 2205

Ion	Exp%	Act%
178.00	100	100
179.00	22.60	18.94
176.00	18.40	22.22#
0.00	0.00	0.00

Quantitation Report (Qedit)

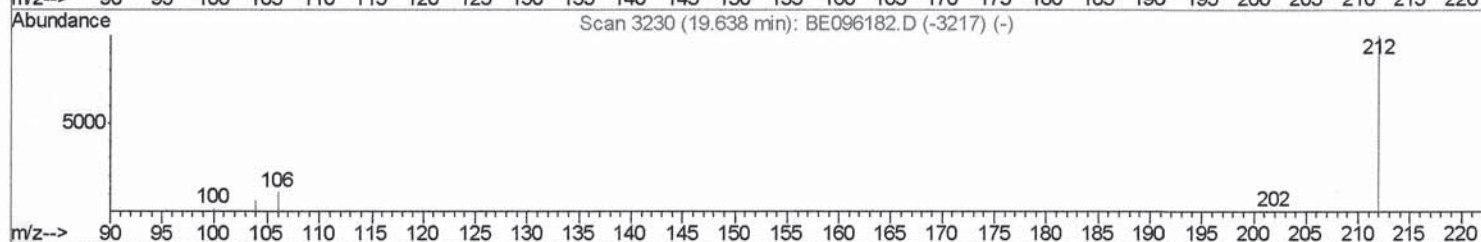
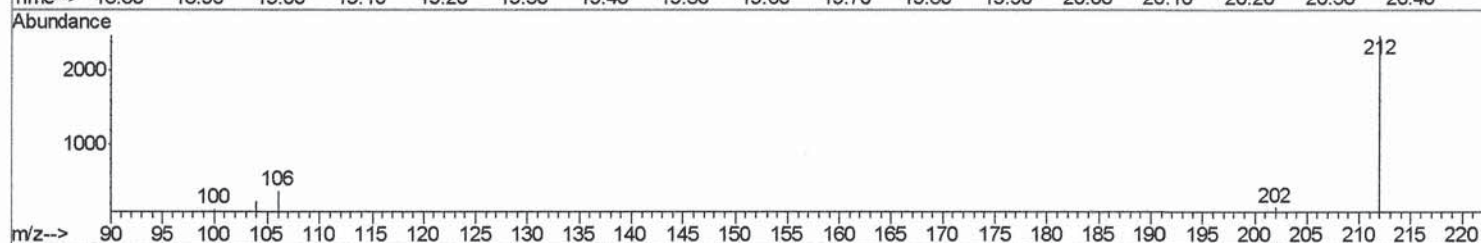
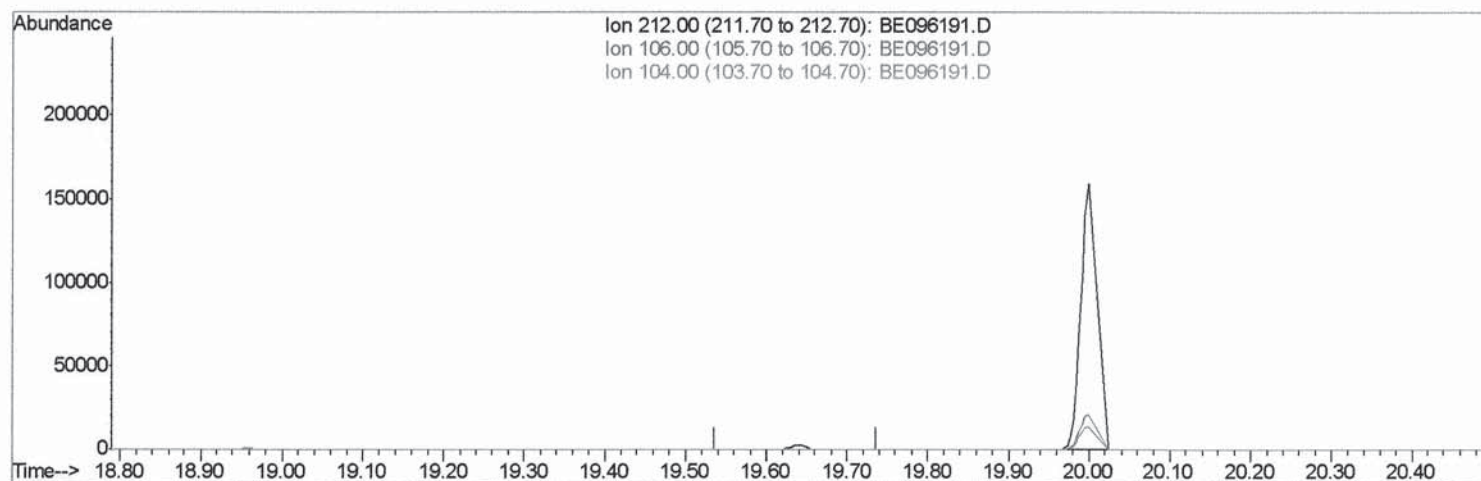
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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(14) Fluoranthene-d10 (SURR)

19.638min (-19.638) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

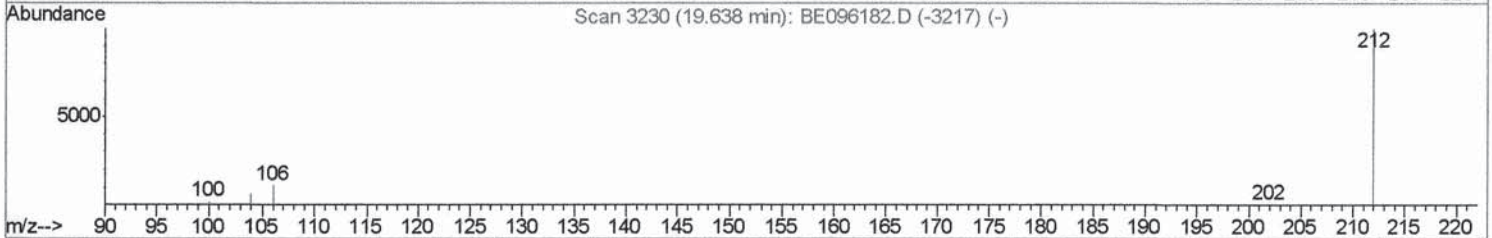
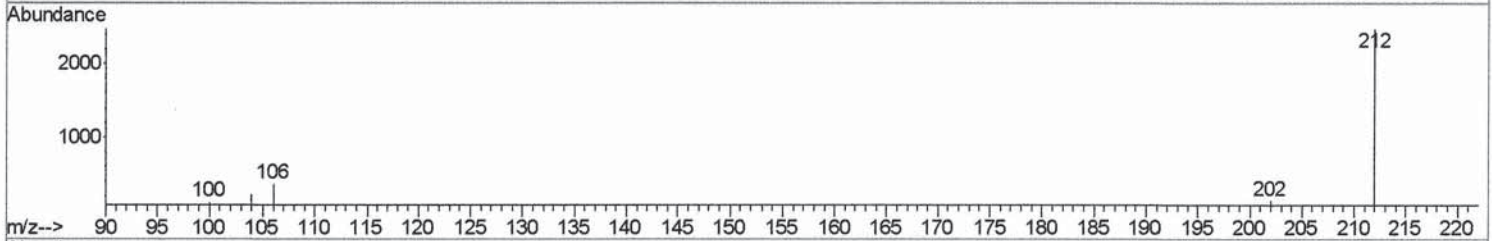
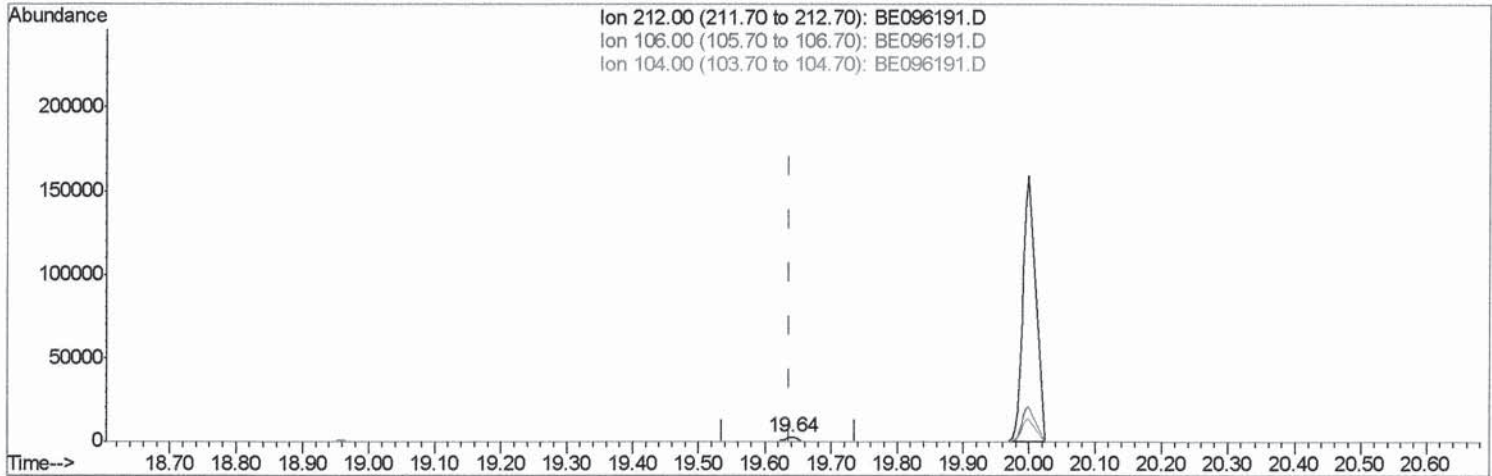
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
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TIC: BE096191.D

(14) Fluoranthene-d10 (SURR)

19.638min (+0.000) 0.18ng/ul m > SJ st1/18

response 3047

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	0.00#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

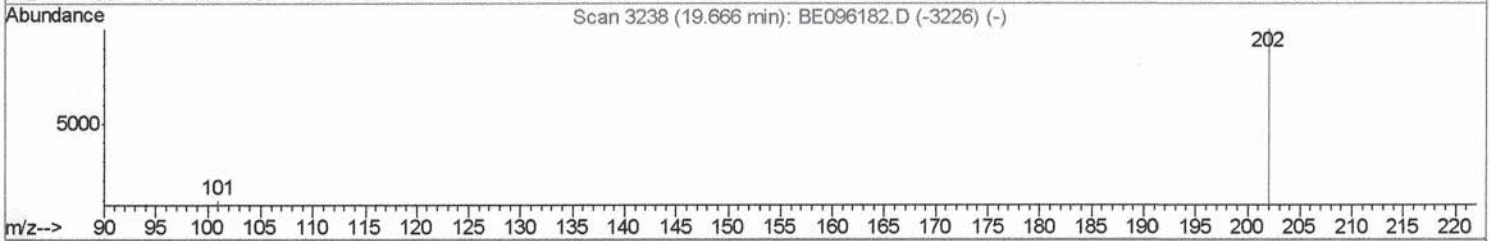
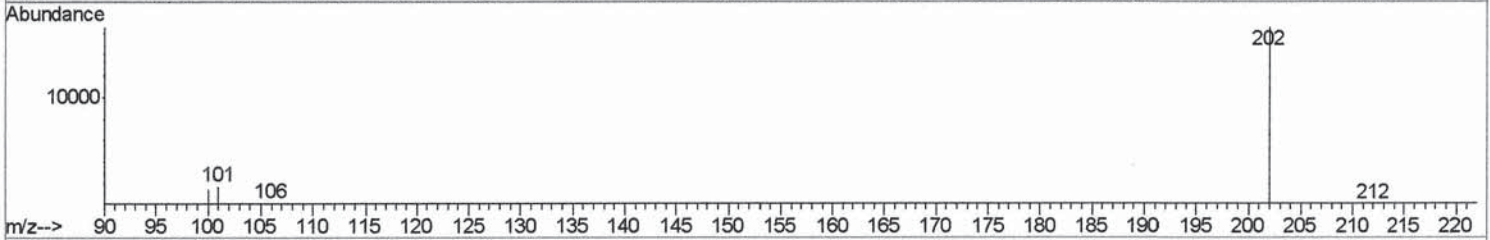
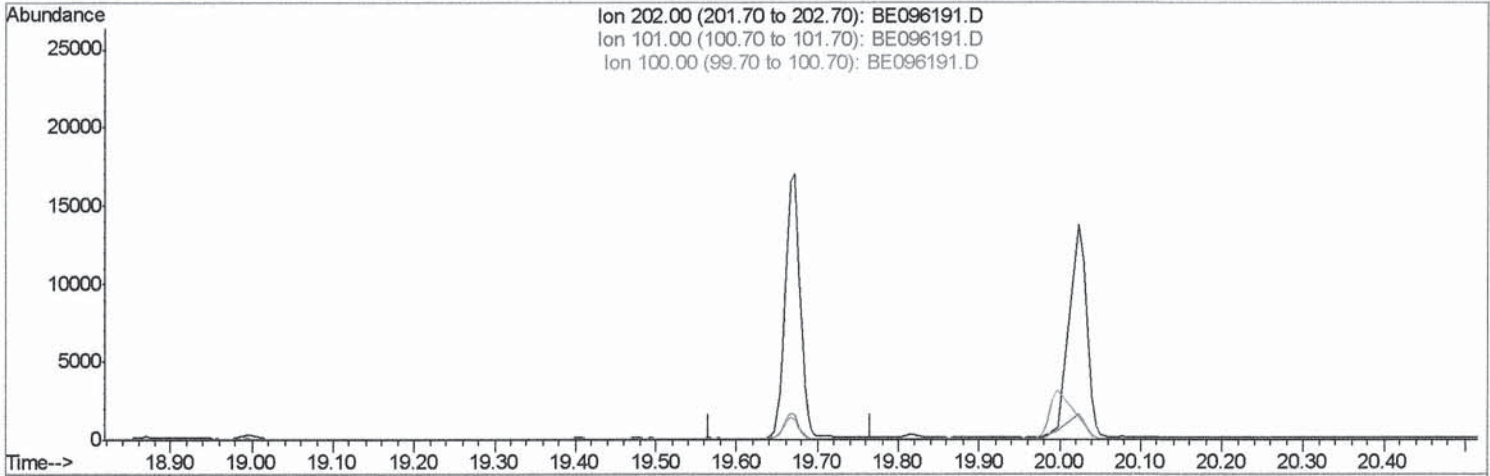
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TIC: BE096191.D

(15) Fluoranthene (C)

19.666min (-19.666) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	10.30	0.00
100.00	19.50	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

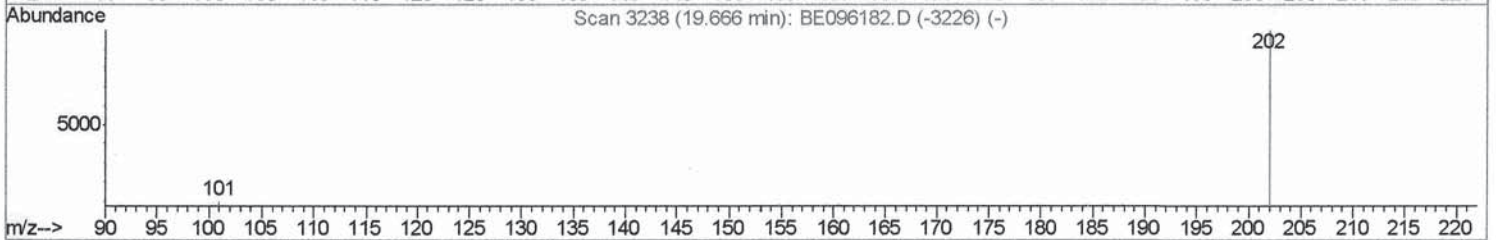
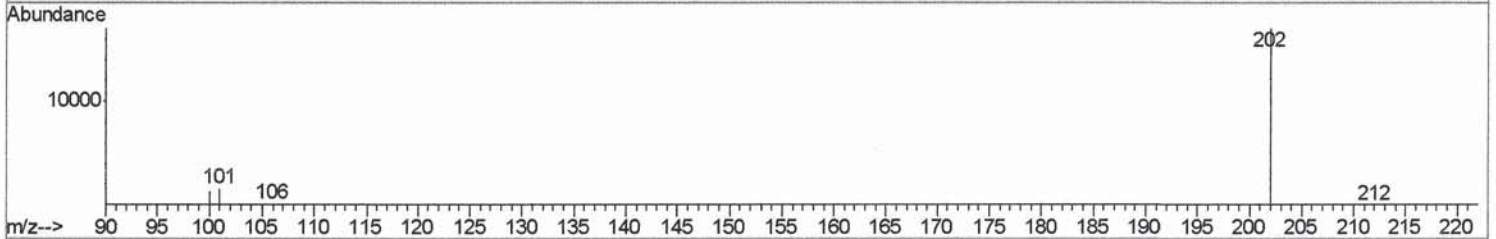
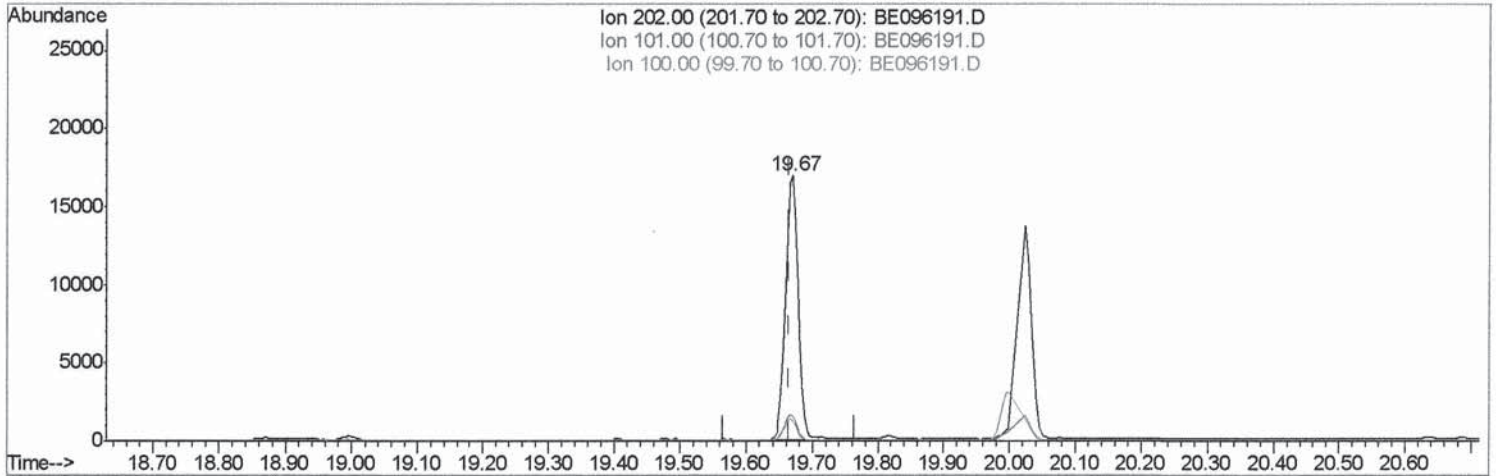
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(15) Fluoranthene (C)

19.670min (+0.004) 1.30ng/ul m) SJ still

response 22139

Ion	Exp%	Act%
202.00	100	100
101.00	10.30	9.44
100.00	19.50	7.62
0.00	0.00	0.00

Quantitation Report (Qedit)

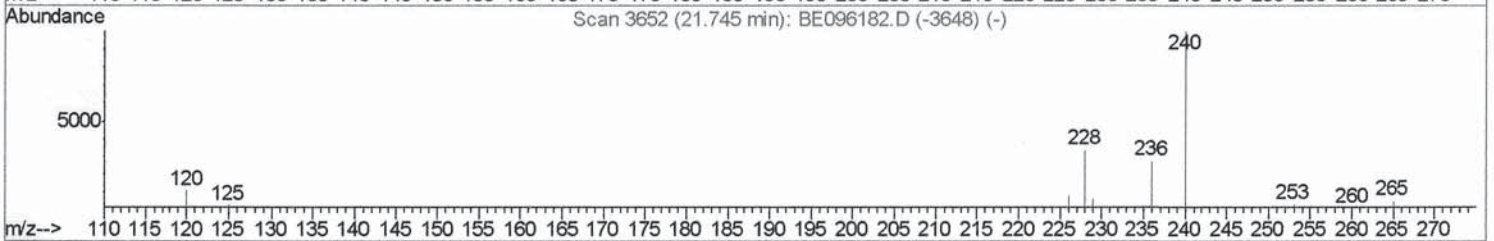
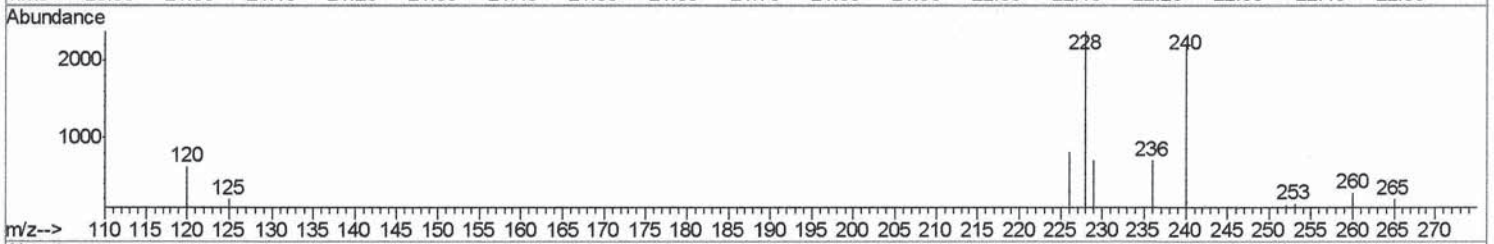
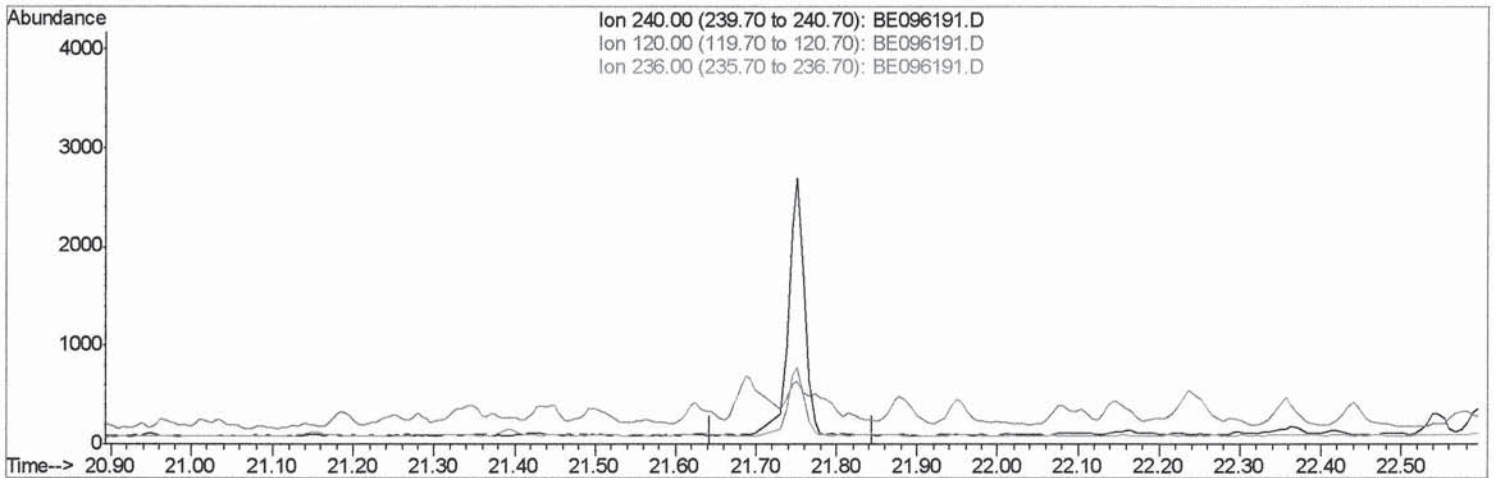
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(16) Chrysene-d12 (I)

21.745min (-21.745) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	20.60	0.00#
236.00	34.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

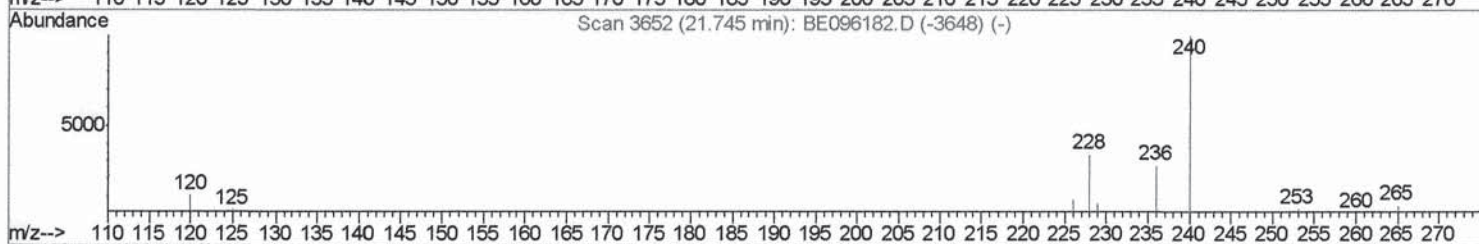
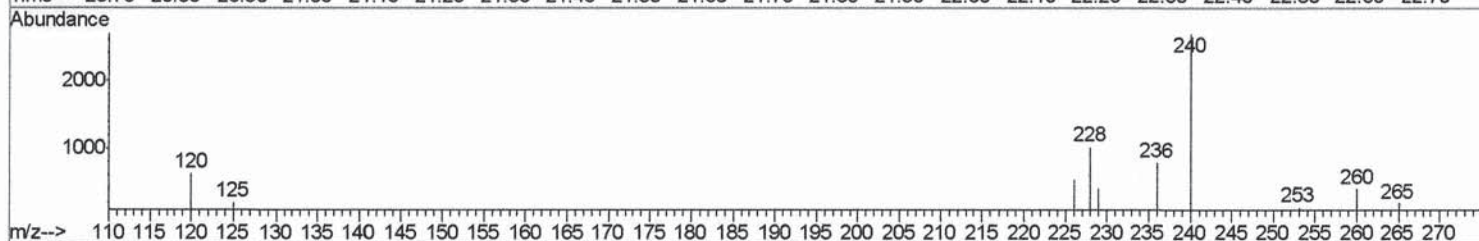
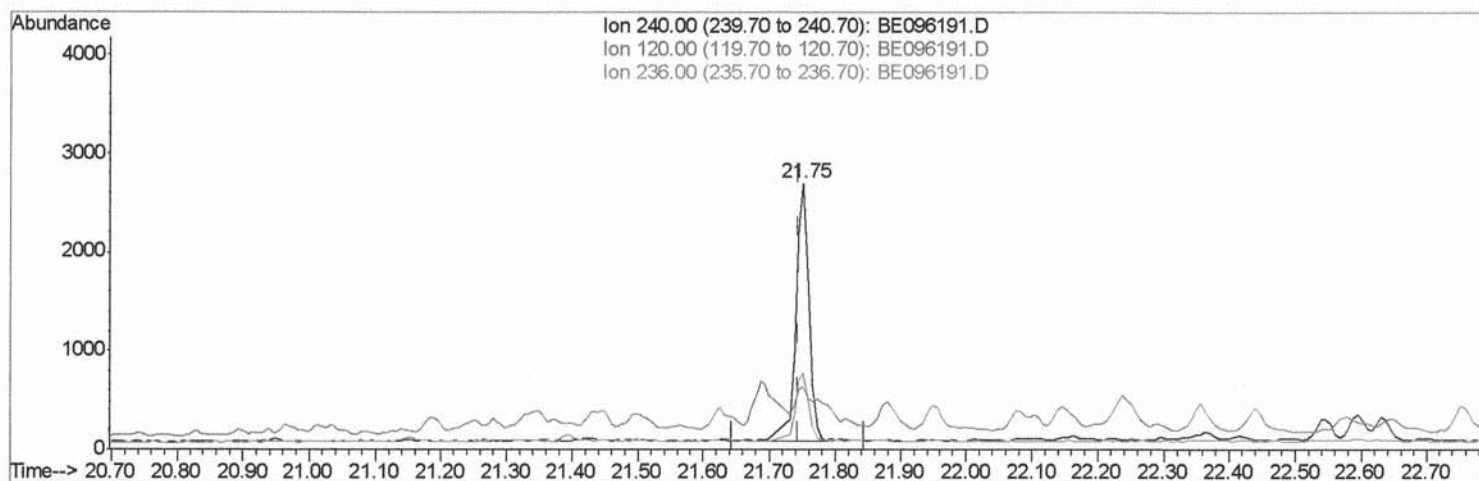
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(16) Chrysene-d12 (I)

21.751min (+0.007) 0.40ng/ul m> SJ 5/1/18

response 4833

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	23.52
236.00	34.90	29.32
0.00	0.00	0.00

Quantitation Report (Qedit)

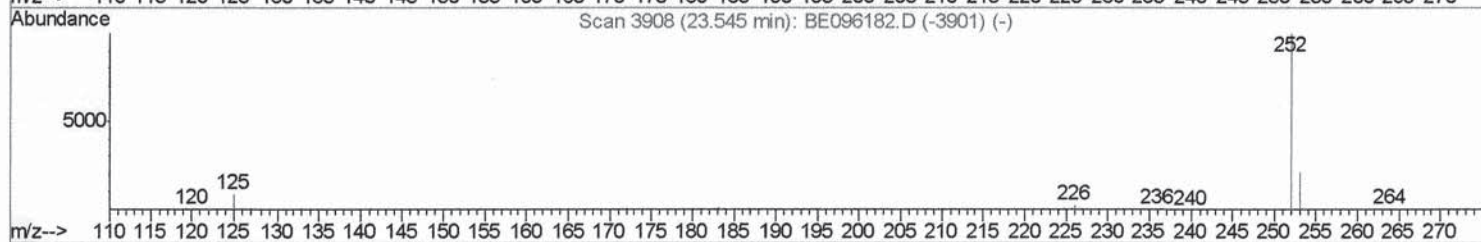
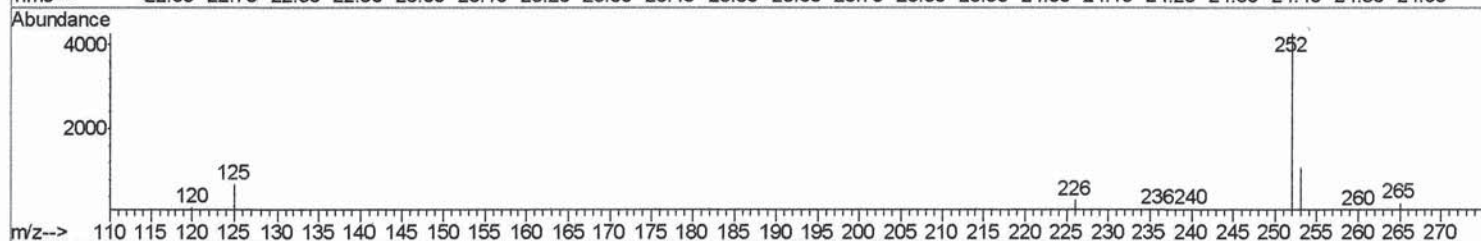
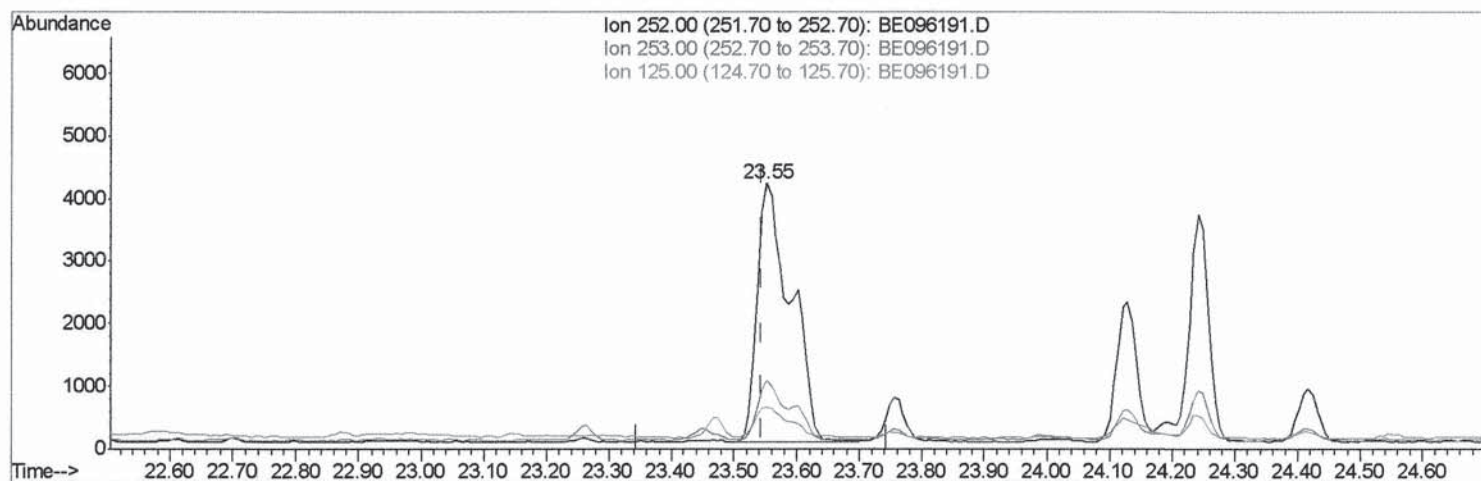
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Data File : BE096191.D
Acq On : 26 Apr 2018 22:19
Operator : SJ/JU
Sample : J2449-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AD9

Manual Integrations
APPROVED

Sohil
4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:40:40 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Qlast Update : Fri Apr 27 04:45:57 2018
Response via : Initial Calibration



TIC: BE096191.D

(21) Benzo(b)fluoranthene

23.551min (+0.007) 1.09ng/ul

response 15066

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.76
125.00	17.50	15.93
0.00	0.00	0.00

Quantitation Report (Qedit)

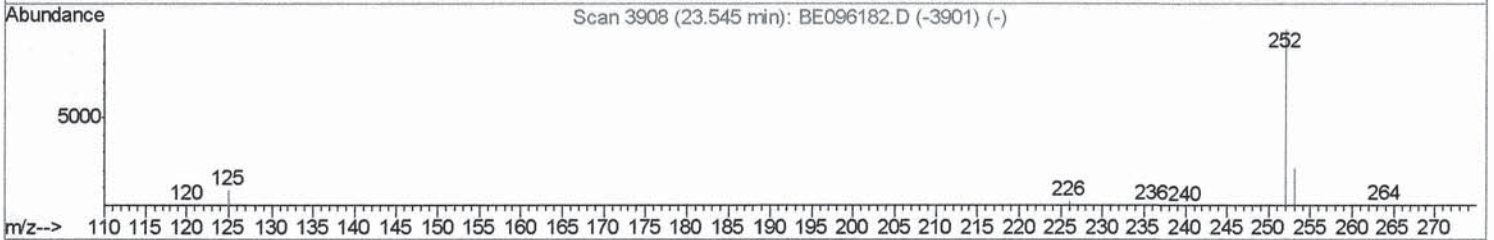
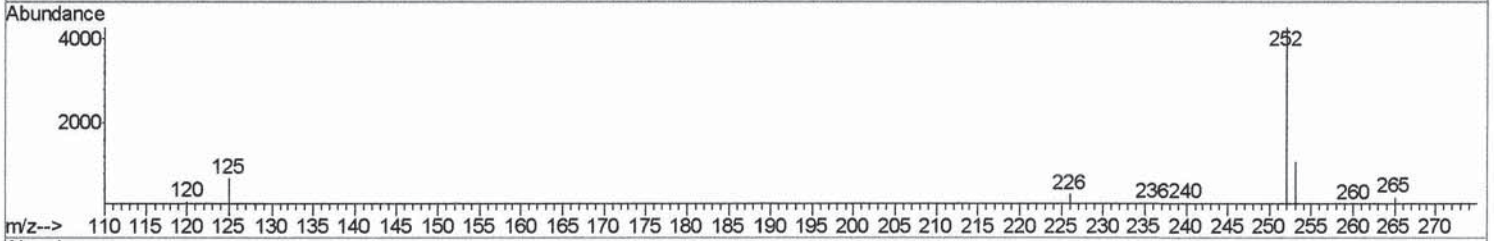
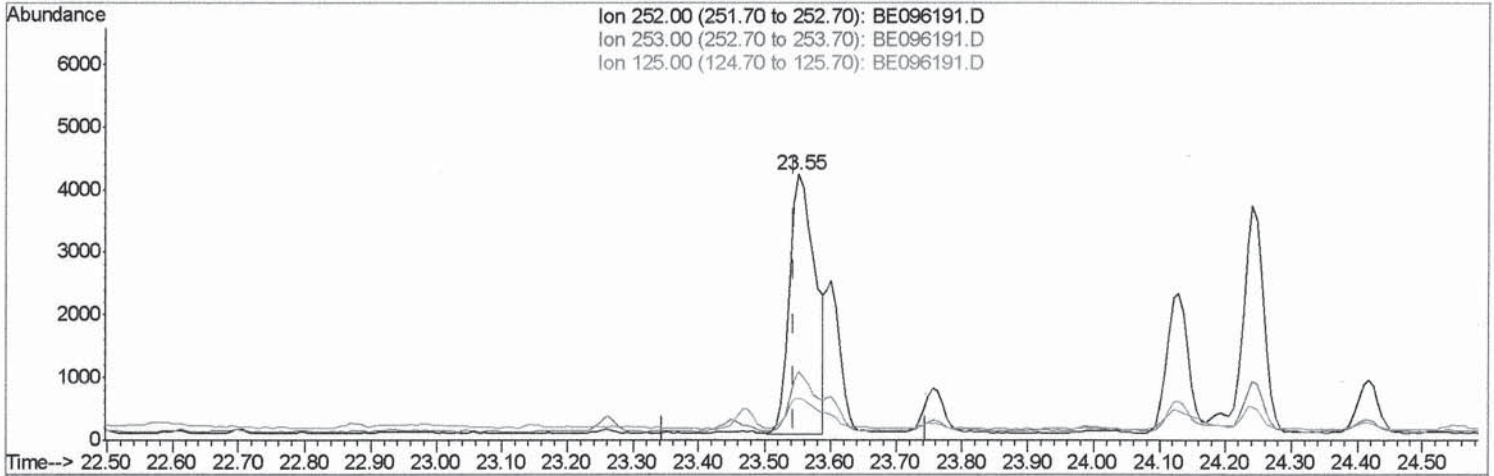
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:40:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096191.D

(21) Benzo(b)fluoranthene

23.551min (+0.007) 0.82ng/ul m> SJ 5/11/18

response 11369

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	25.76
125.00	17.50	15.93
0.00	0.00	0.00

Quantitation Report (Qedit)

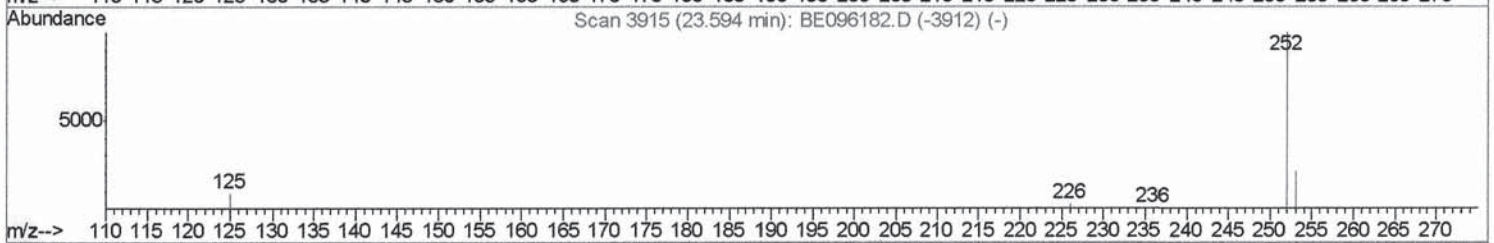
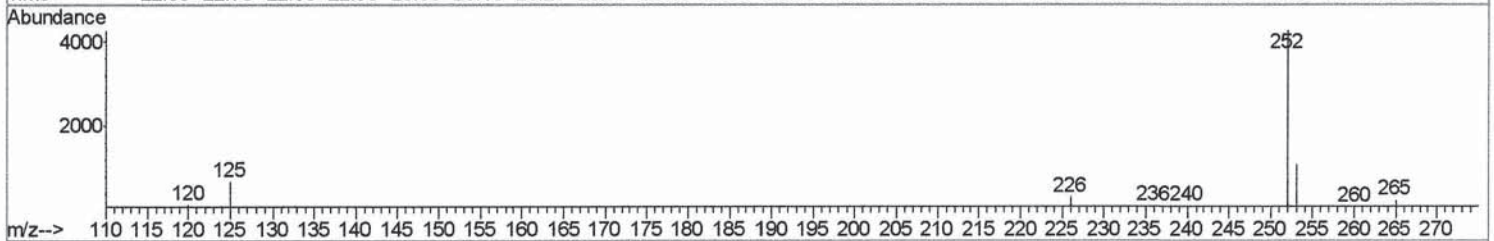
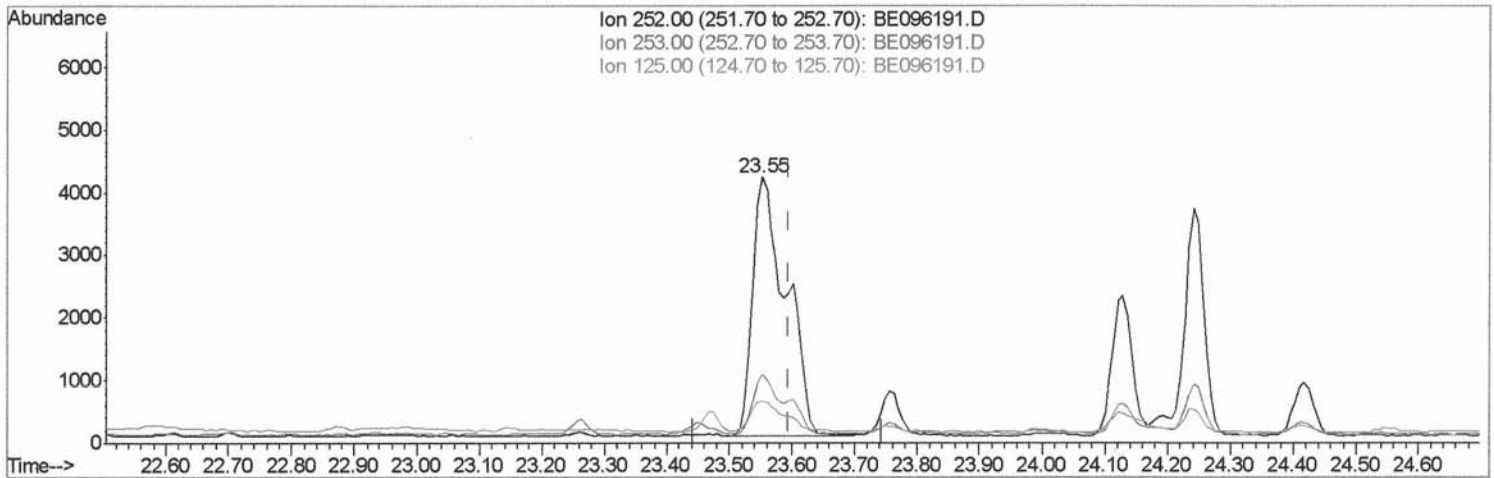
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:40:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096191.D

(22) Benzo(k)fluoranthene

23.551min (-0.043) 1.14ng/ul

response 15066

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	25.76
125.00	17.10	15.93
0.00	0.00	0.00

Quantitation Report (Qedit)

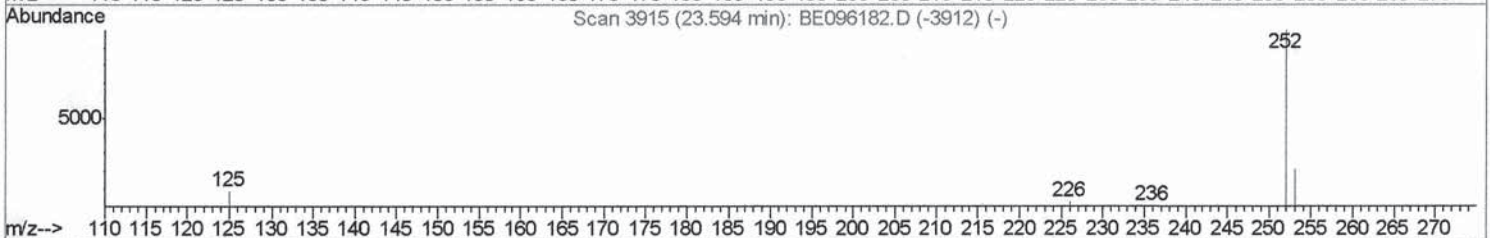
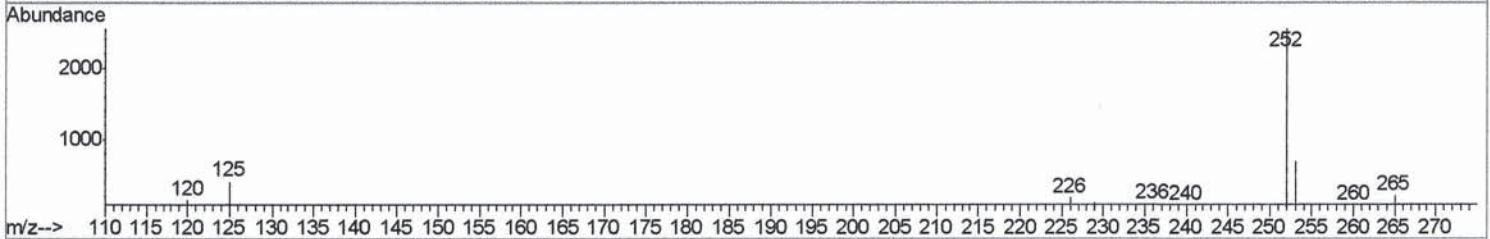
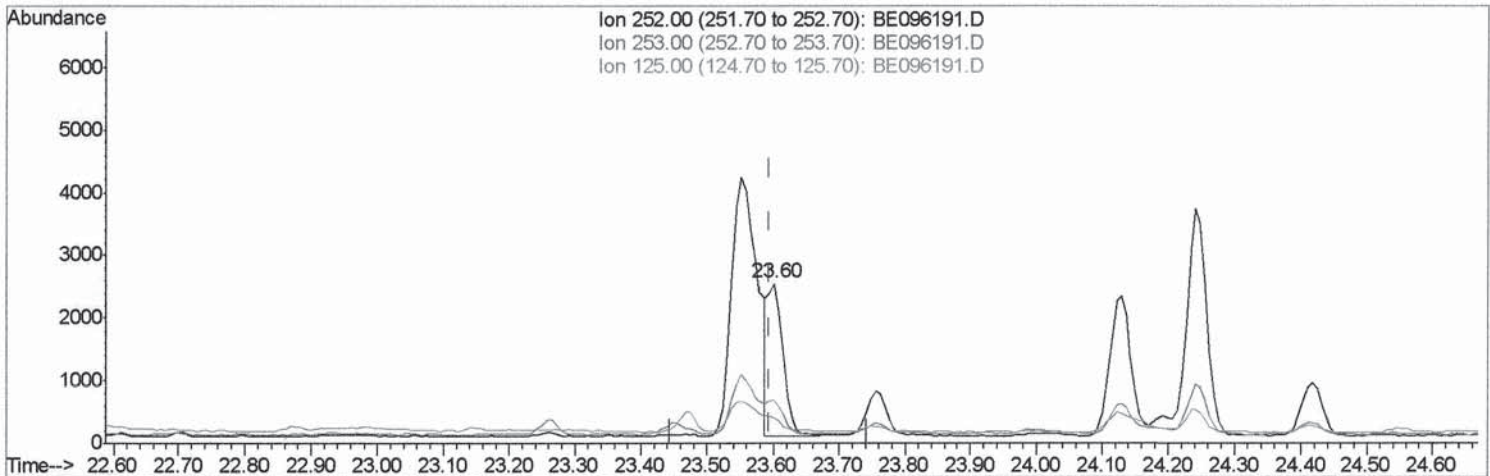
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:40:40 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration



TIC: BE096191.D

(22) Benzo(k)fluoranthene

23.601min (+0.007) 0.29ng/ul m) SJ 5/1/18

response 3815

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	27.37
125.00	17.10	16.21
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
 Data File : BE096191.D
 Acq On : 26 Apr 2018 22:19
 Operator : SJ/JU
 Sample : J2449-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 C0AD9

Manual Integrations
 APPROVED

Sohil
 4/27/2018 7:29:34 PM

Quant Time: Apr 27 06:41:28 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 27 04:45:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	695	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1634	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3772m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	4833m	0.40	ng/ul	0.00
20) Perylene-d12	24.36	264	3667	0.40	ng/ul	0.00

SJ still

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	1134	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	3047m	0.18	ng/ul	0.00

SJ still

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	11.23	128	699	0.089	ng/ul#	76
5) 2-Methylnaphthalene	12.81	142	393	0.074	ng/ul	97
7) Acenaphthylene	14.68	152	337	0.040	ng/ul#	60
8) Acenaphthene	15.01	153	504	0.083	ng/ul#	93
9) Fluorene	15.98	166	655	0.082	ng/ul#	88
12) Phenanthrene	17.70	178	12129m	1.092	ng/ul	
13) Anthracene	17.79	178	2205m	0.198	ng/ul	
15) Fluoranthene	19.67	202	22139m	1.304	ng/ul	
17) Pyrene	20.02	202	12121	1.250	ng/ul#	79
18) Benzo(a)anthracene	21.73	228	9757	0.667	ng/ul#	86
19) Chrysene	21.79	228	8478	0.631	ng/ul	94
21) Benzo(b)fluoranthene	23.55	252	11369m	0.819	ng/ul	
22) Benzo(k)fluoranthene	23.60	252	3815m	0.287	ng/ul	
23) Benzo(a)pyrene	24.24	252	8103	0.672	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.14	276	5238	0.322	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.14	278	1371	0.101	ng/ul#	79
26) Benzo(a,h,i)perylene	28.00	276	4407	0.311	ng/ul	96

SJ still

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