

Quantitation Report (QT Reviewed)

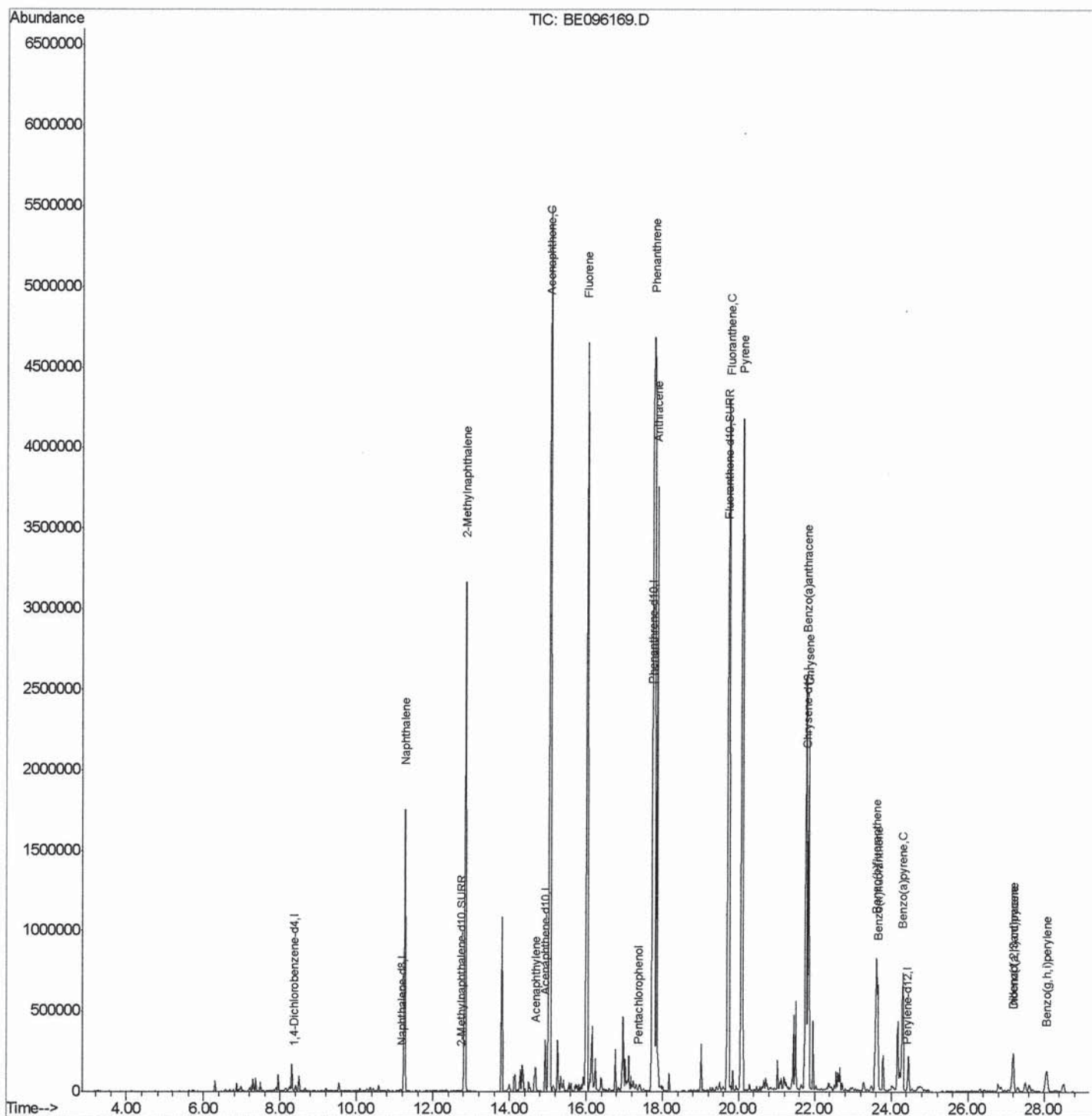
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:48:12 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

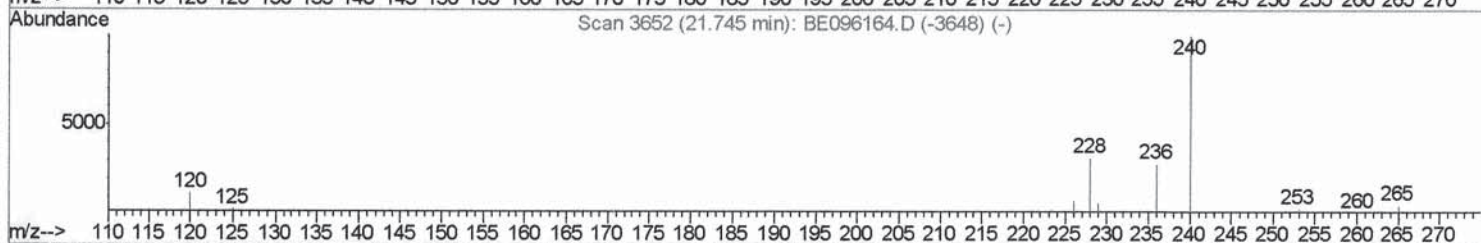
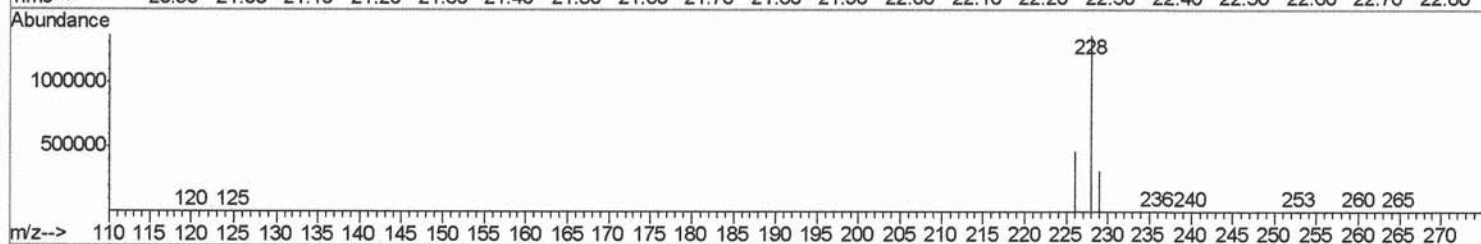
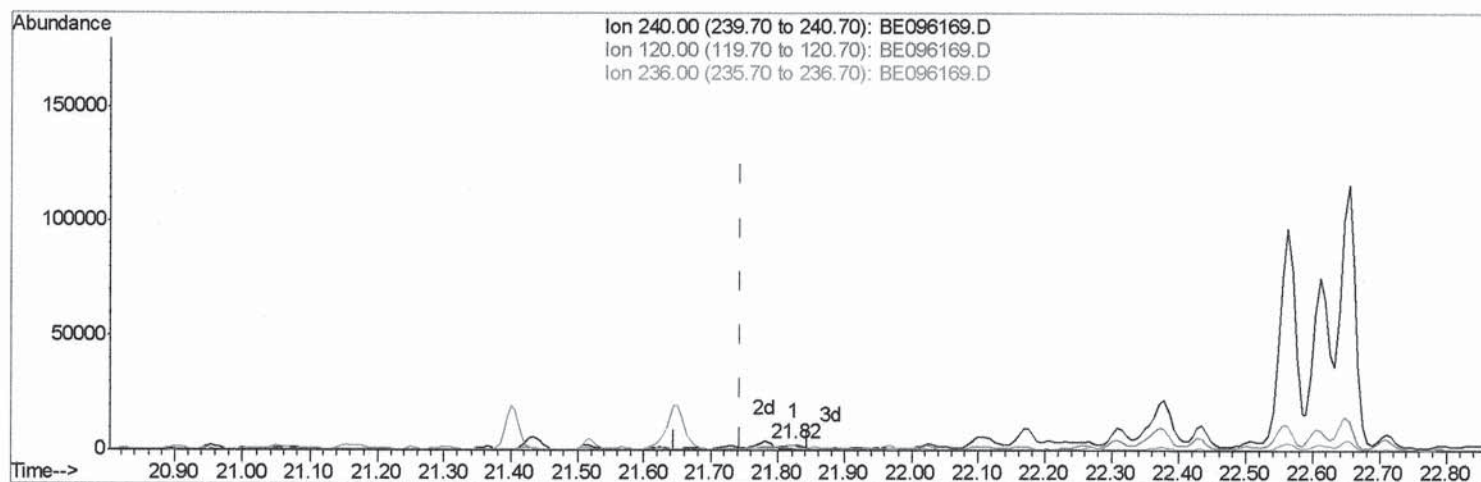
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Manual Integrations
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Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:36:07 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
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TIC: BE096169.D

(16) Chrysene-d12 (I)
 21.823min (+0.077) 0.40ng/ul
 response 3277

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	93.22#
236.00	34.90	32.07
0.00	0.00	0.00

Quantitation Report (Qedit)

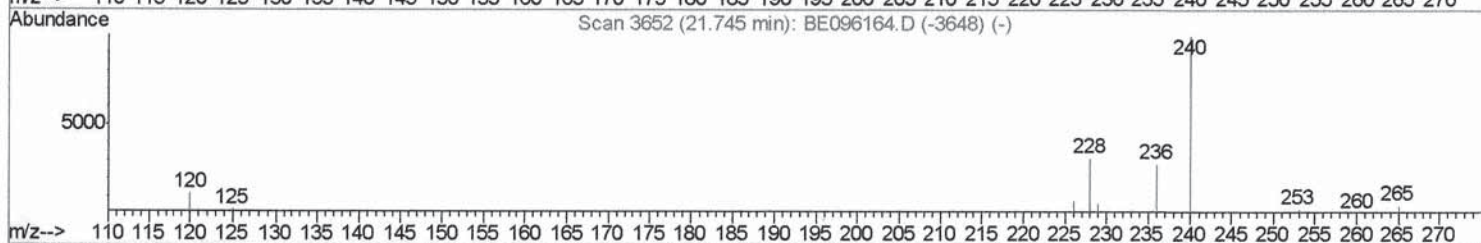
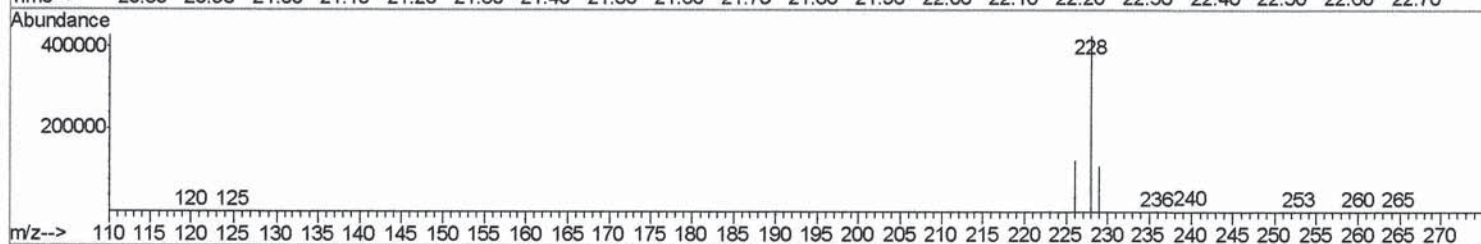
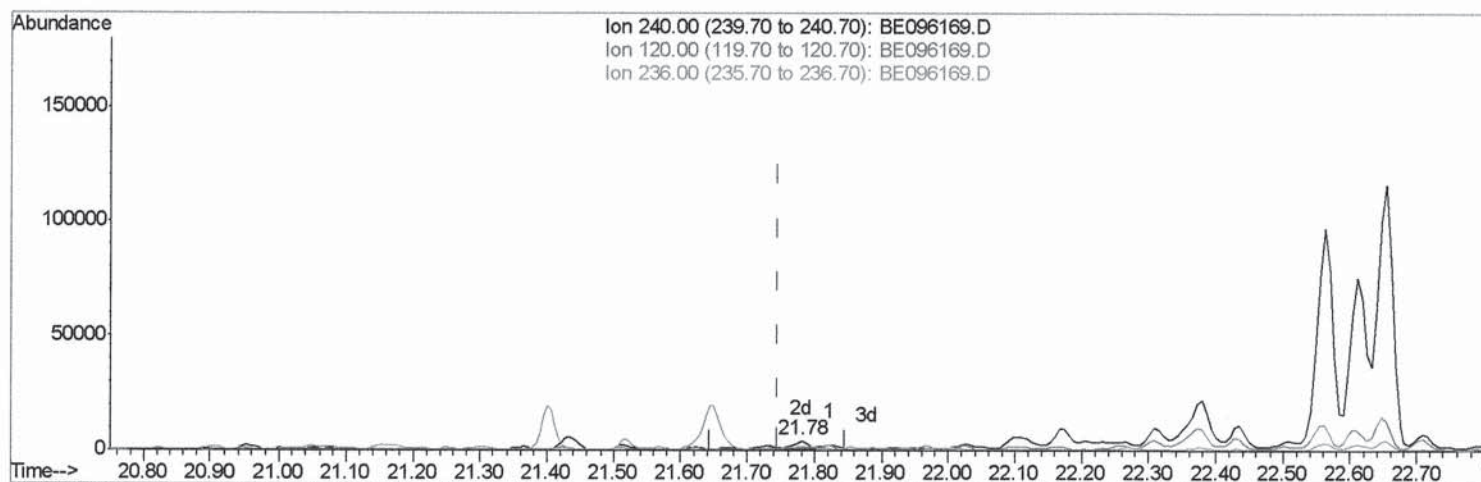
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TIC: BE096169.D

(16) Chrysene-d12 (I)

21.781min (+0.035) 0.40ng/ul mJ SJ 4/27/18

response 5423

Ion	Exp%	Act%
240.00	100	100
120.00	20.60	25.62#
236.00	34.90	38.01
0.00	0.00	0.00

Quantitation Report (Qedit)

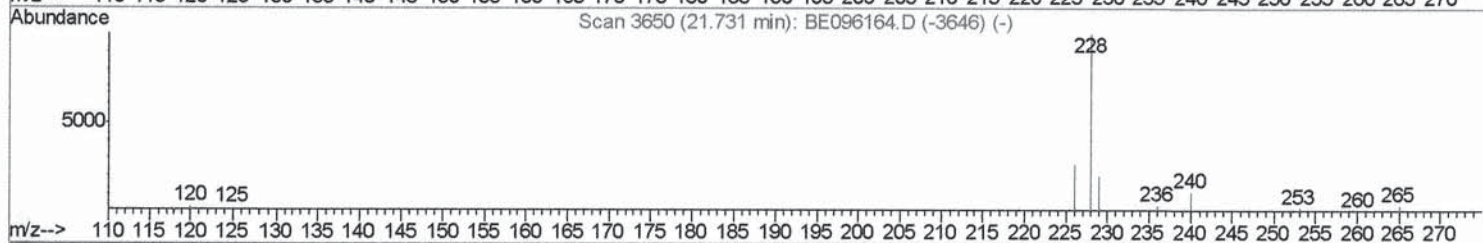
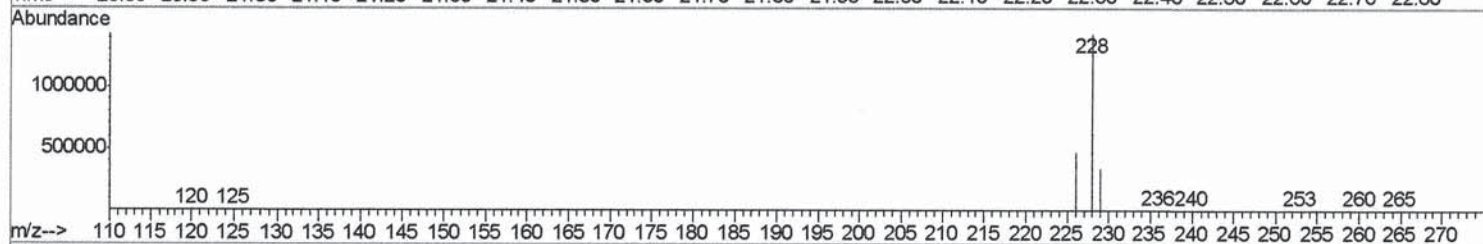
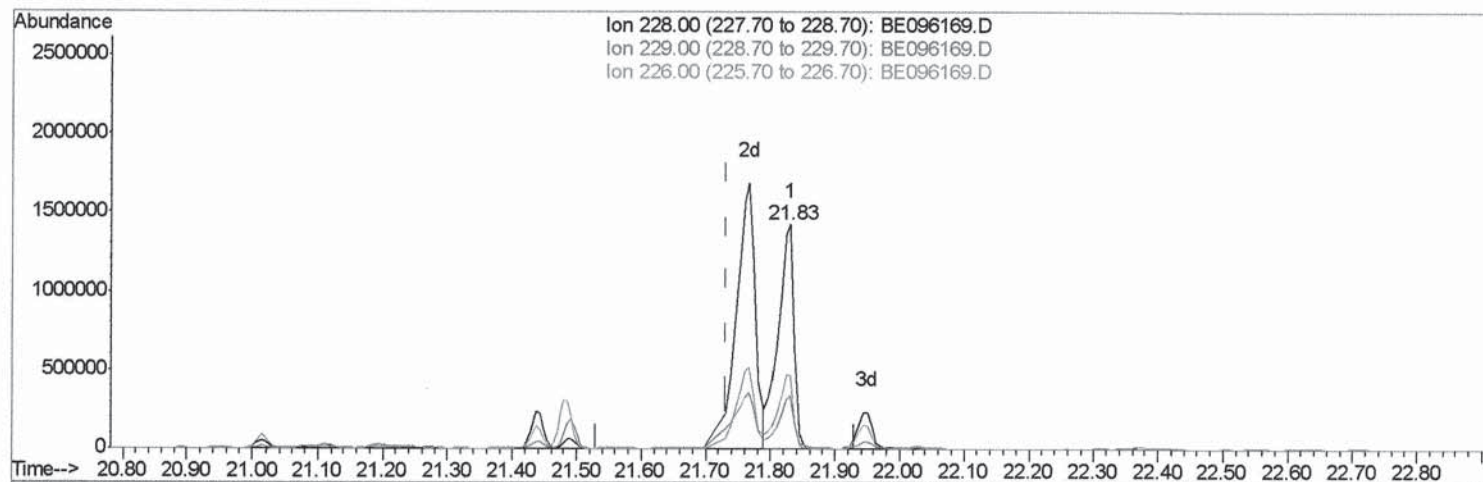
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Quant Time: Apr 26 16:37:51 2018
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(18) Benzo(a)anthracene

21.830min (+0.099) 151.21ng/ul

response 2482614

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	23.82
226.00	21.30	32.76#
0.00	0.00	0.00

Quantitation Report (Qedit)

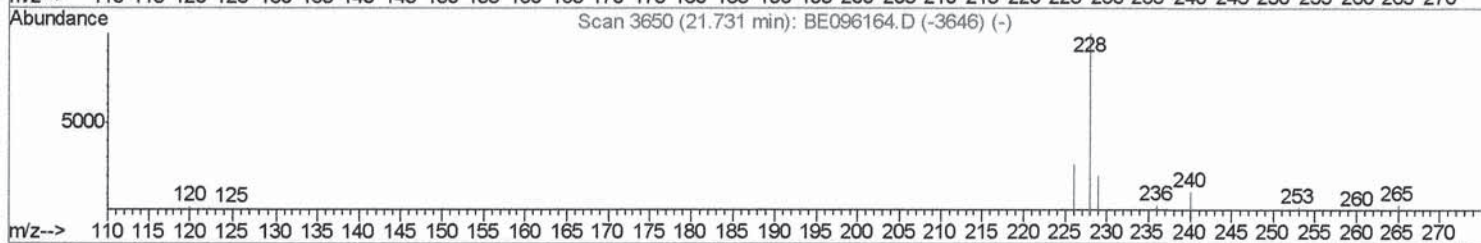
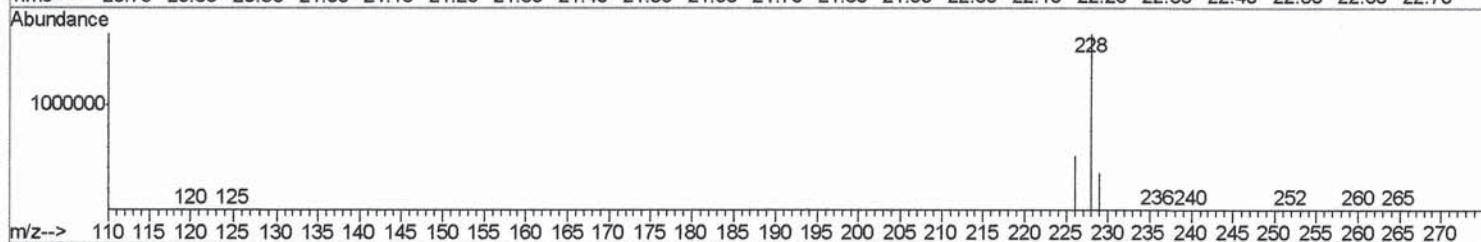
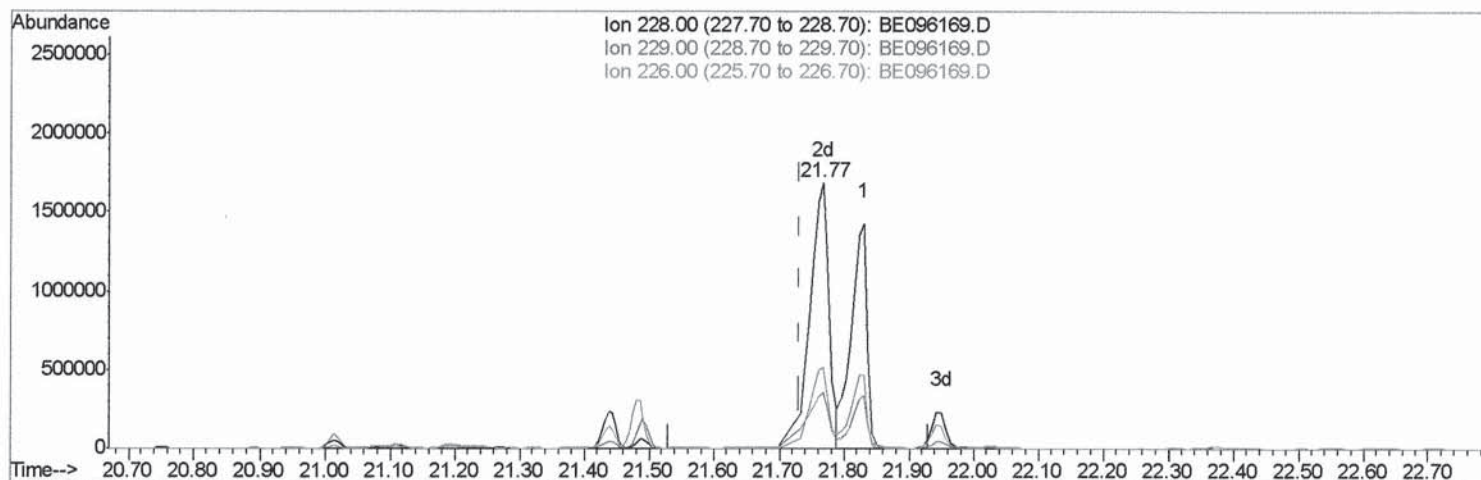
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(18) Benzo(a)anthracene

21.767min (+0.035) 240.99ng/ul m) SJ 4/27/18

response 3956563

Ion	Exp%	Act%
228.00	100	100
229.00	28.50	21.16#
226.00	21.30	31.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

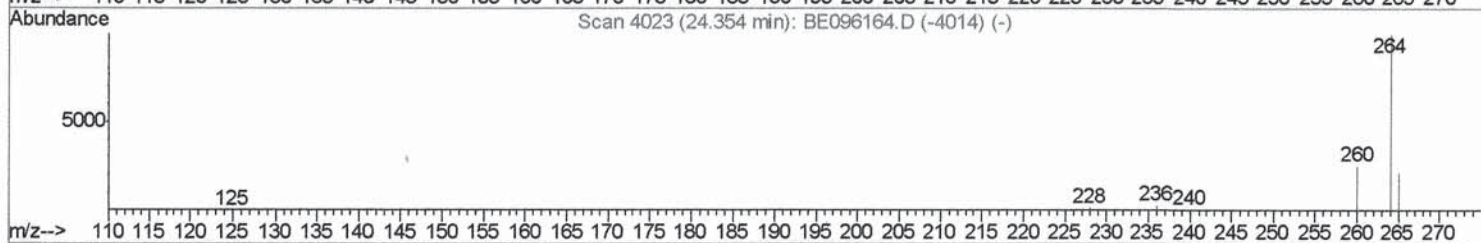
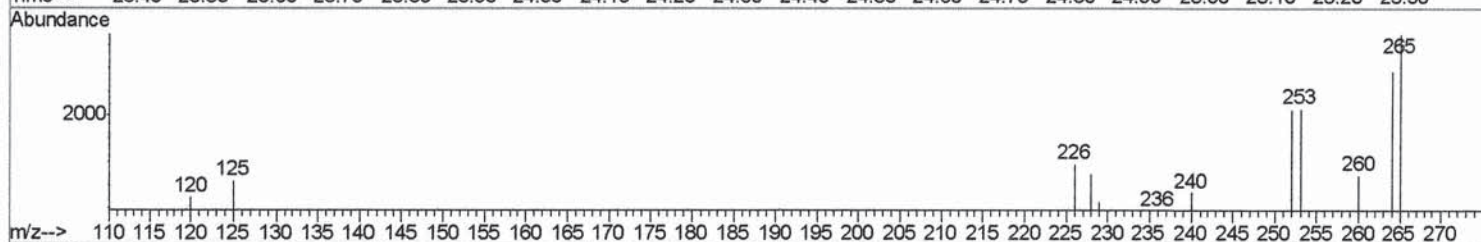
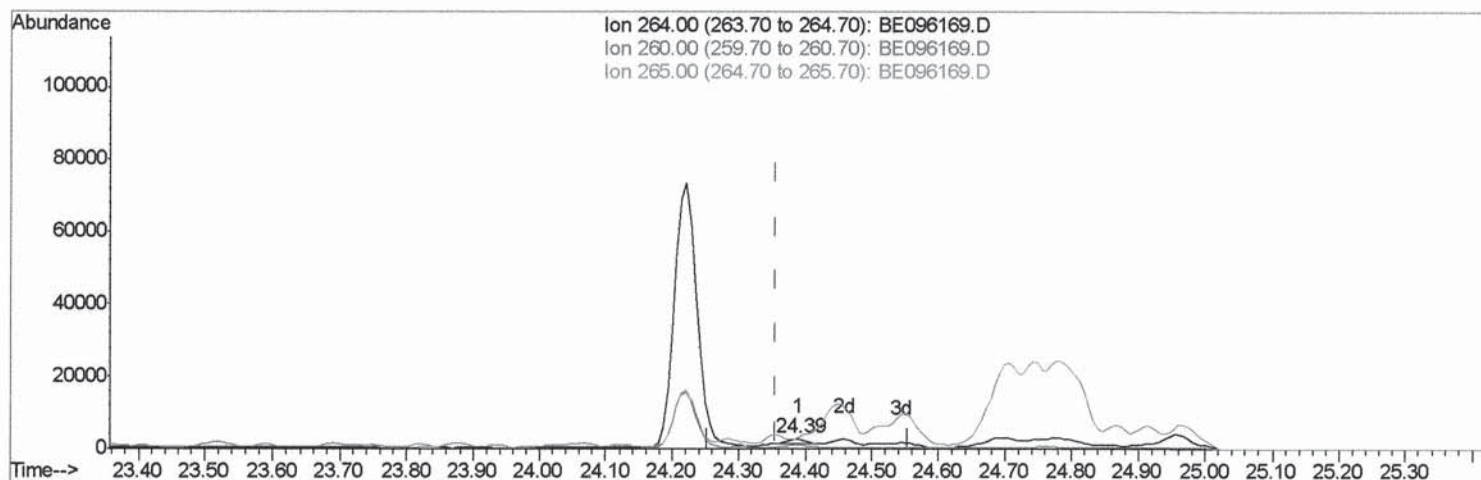
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(20) Perylene-d12 (I)
 24.389min (+0.035) 0.40ng/ul
 response 3022

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.28
265.00	103.50	123.80
0.00	0.00	0.00

Quantitation Report (Qedit)

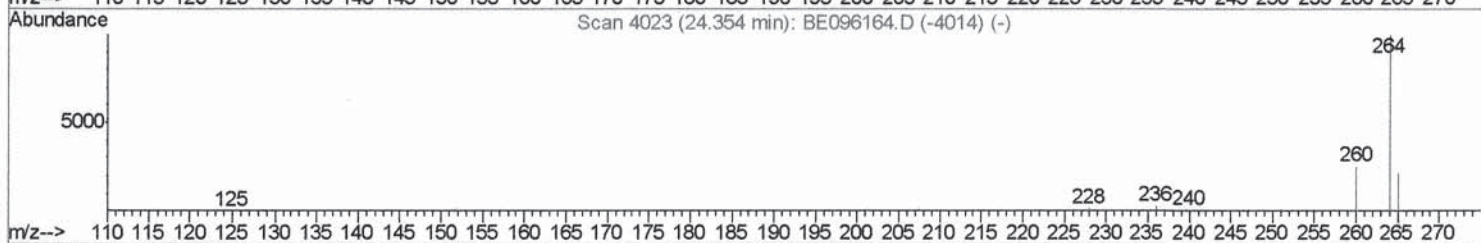
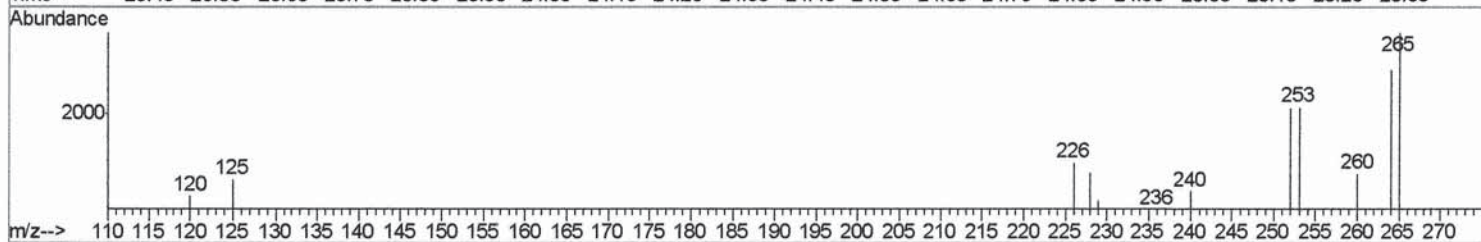
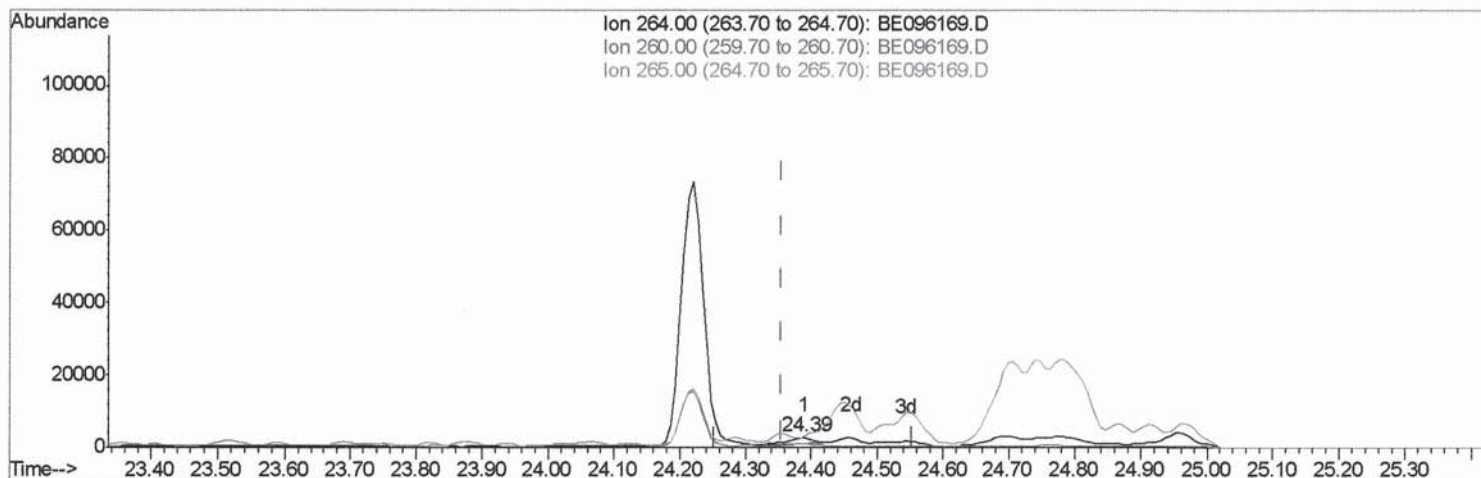
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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TIC: BE096169.D

(20) Perylene-d12 (I)

24.389min (+0.035) 0.40ng/ul m) SJ 4/27/18

response 3942

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	35.28
265.00	103.50	123.80
0.00	0.00	0.00

Quantitation Report (Qedit)

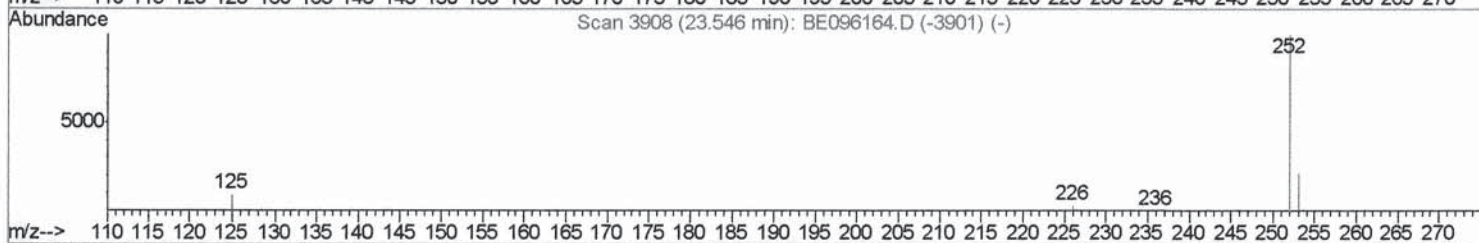
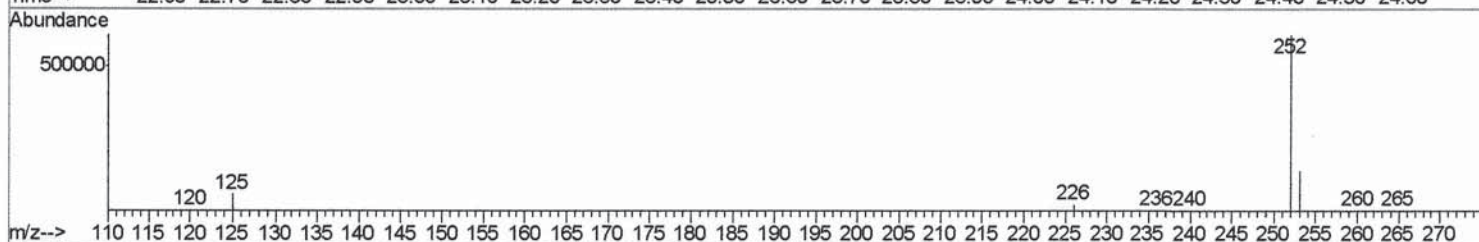
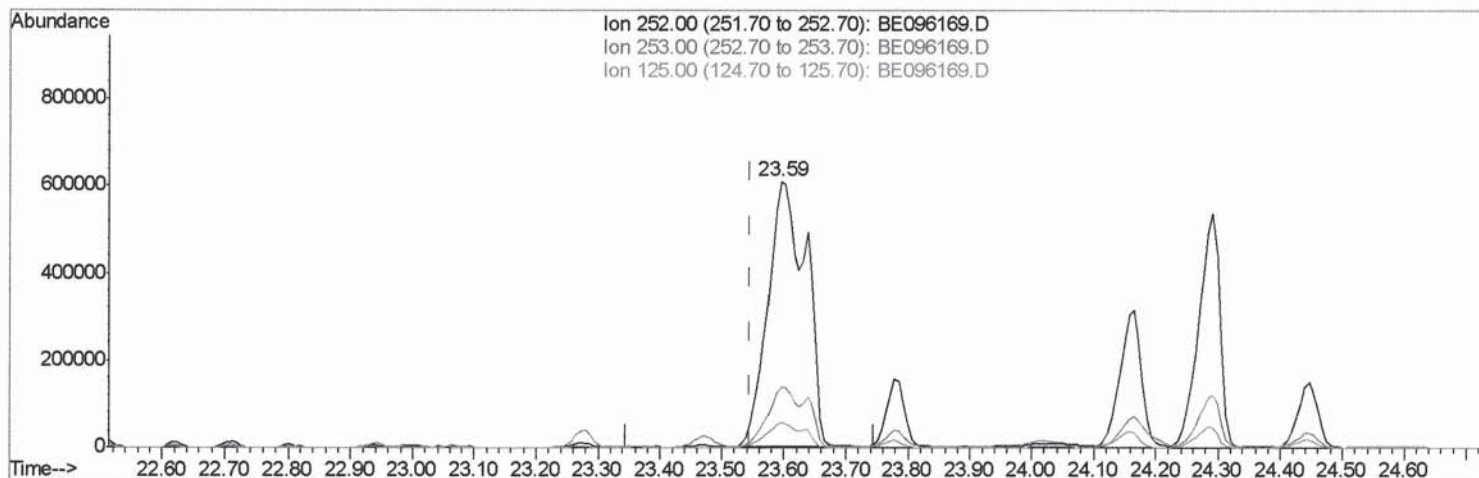
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(21) Benzo(b)fluoranthene
 23.595min (+0.049) 174.26ng/ul
 response 2601104

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.70
125.00	17.50	9.39
0.00	0.00	0.00

Quantitation Report (Qedit)

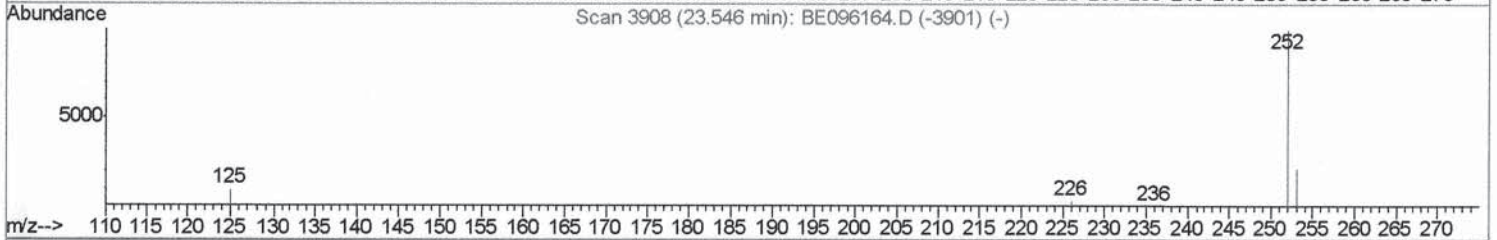
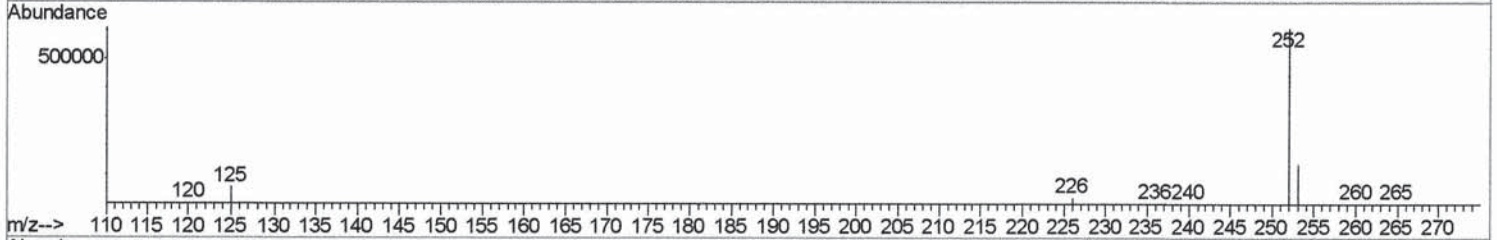
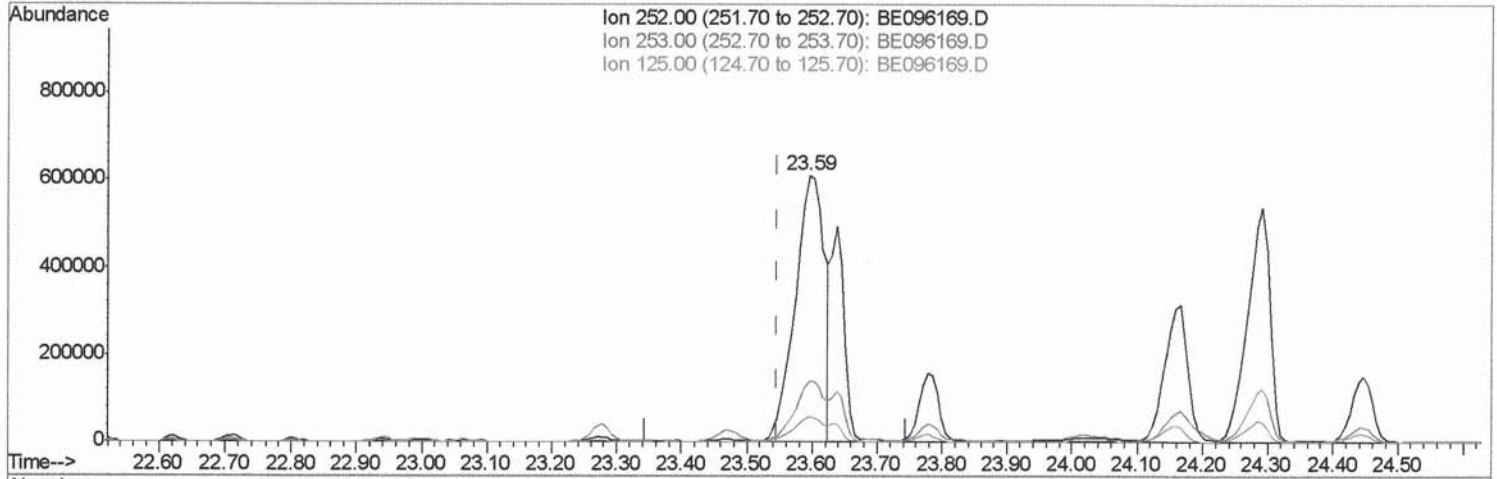
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 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

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TIC: BE096169.D

(21) Benzo(b)fluoranthene

23.595min (+0.049) 128.50ng/ul m > SJ 4/21/18

response 1918078

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	22.70
125.00	17.50	9.39
0.00	0.00	0.00

Quantitation Report (Qedit)

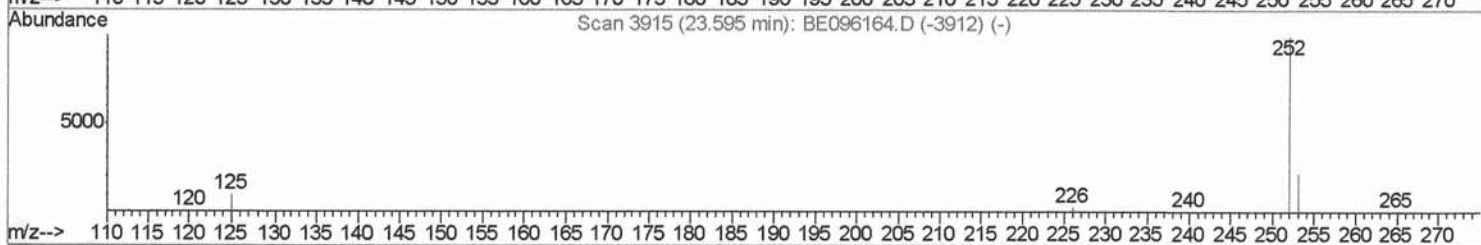
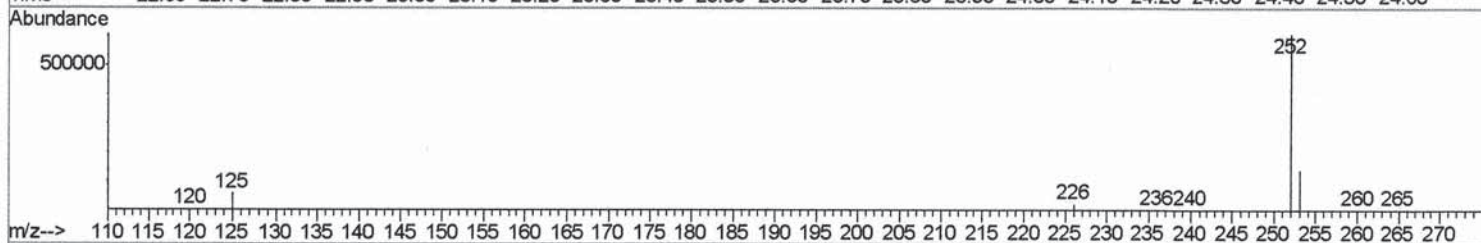
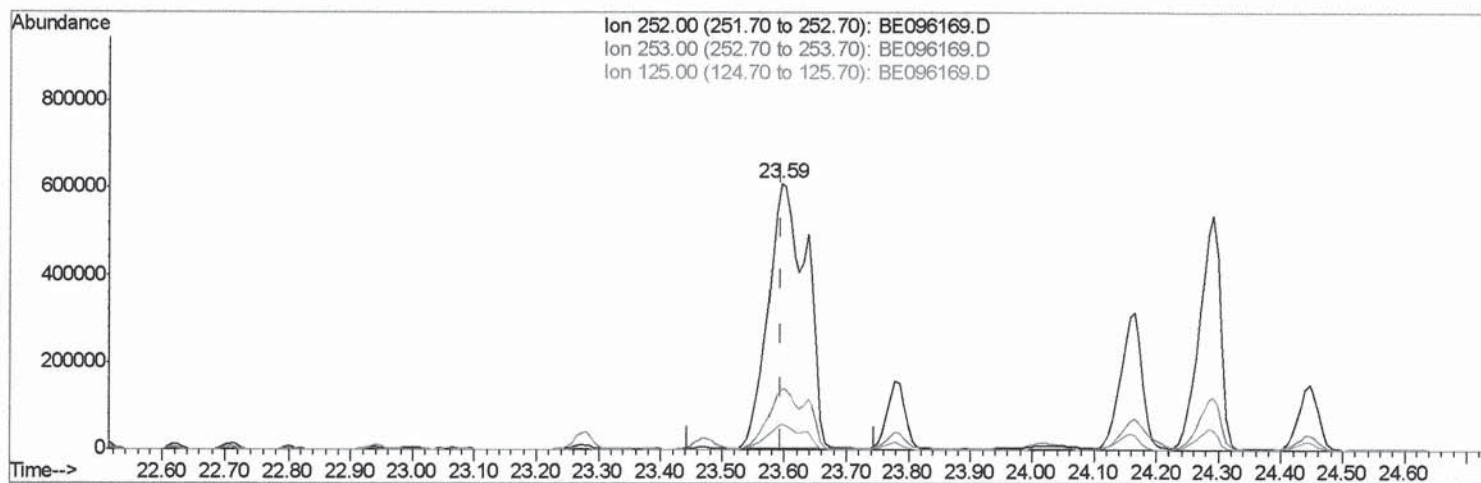
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
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Manual Integrations
APPROVED

Sohil
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TIC: BE096169.D

(22) Benzo(k)fluoranthene

23.595min (+0.000) 182.29ng/ul

response 2601104

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	22.70#
125.00	17.10	9.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

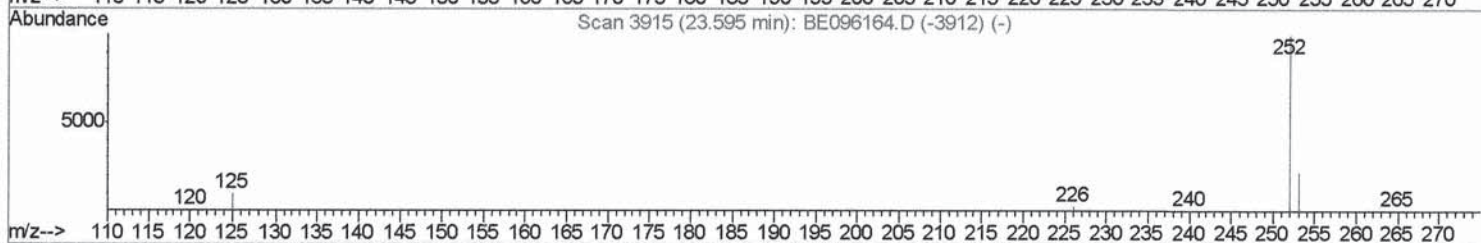
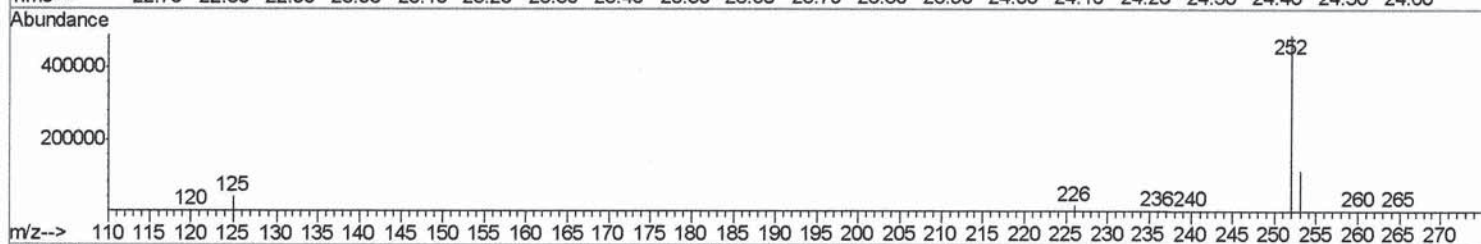
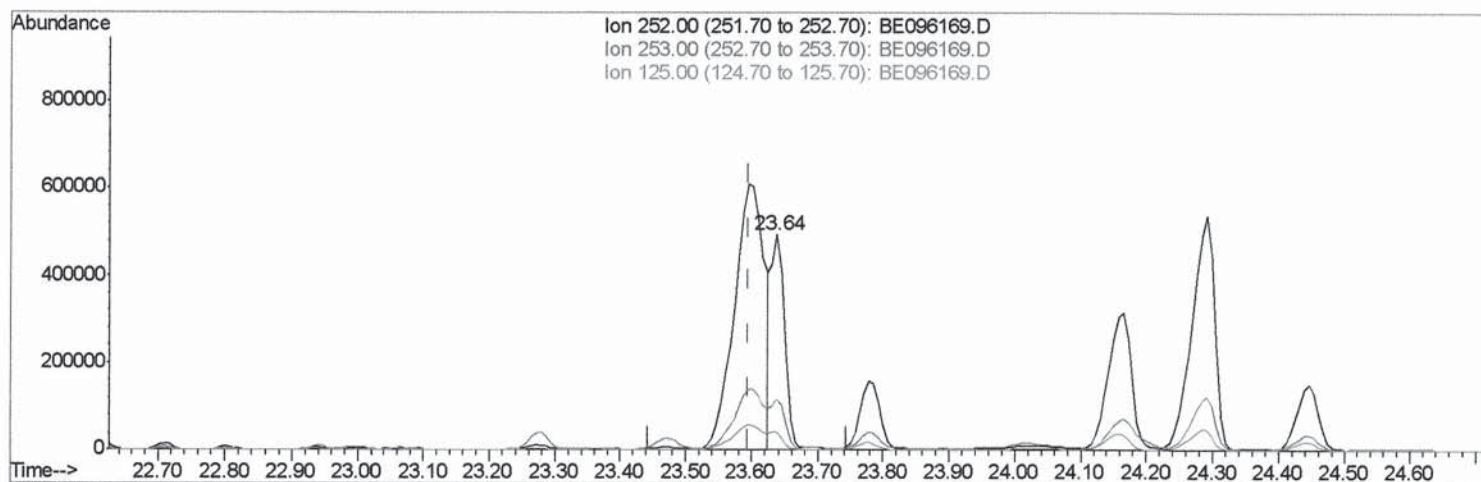
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(22) Benzo(k)fluoranthene

23.637min (+0.042) 49.03ng/ul m) 50 4/22/18

response 699596

Ion Exp% Act%

252.00 100 100

253.00 30.60 23.59#

125.00 17.10 8.20#

0.00 0.00 0.00

Quantitation Report (Qedit)

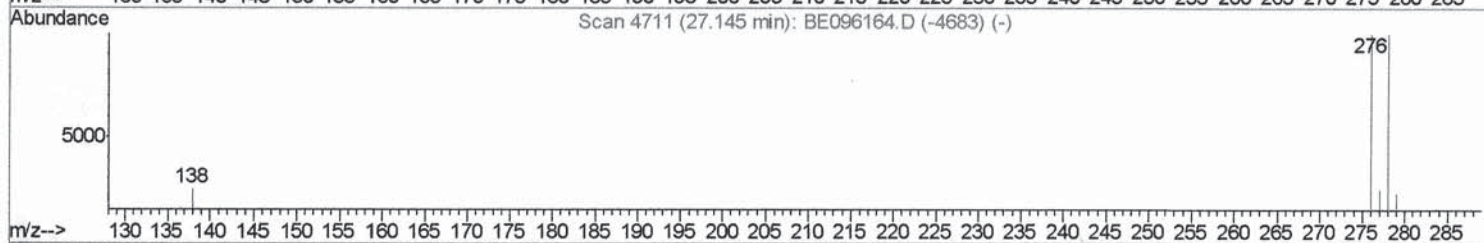
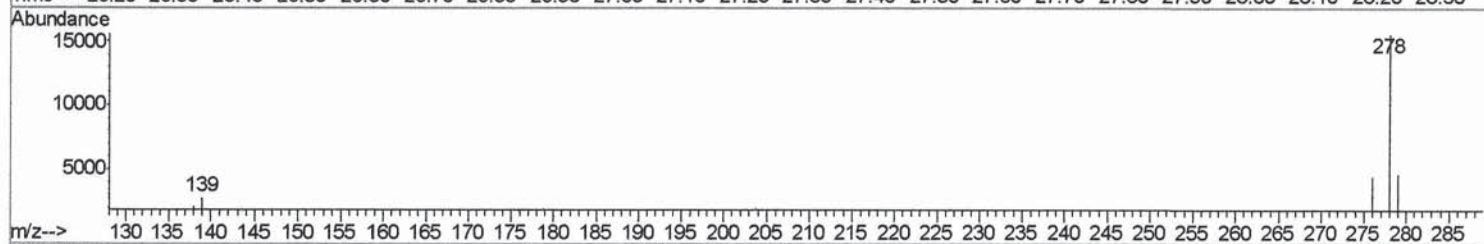
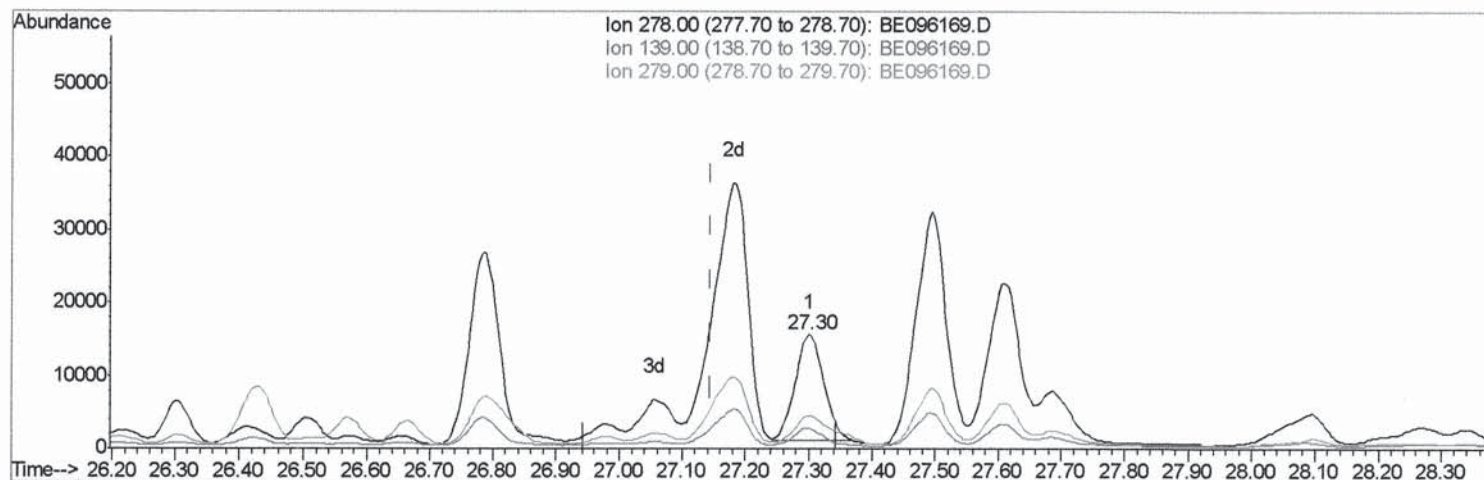
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(25) Dibenzo(a,h)anthracene

27.302min (+0.157) 3.13ng/ul

response 45743

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	17.70
279.00	32.40	29.46
0.00	0.00	0.00

Quantitation Report (Qedit)

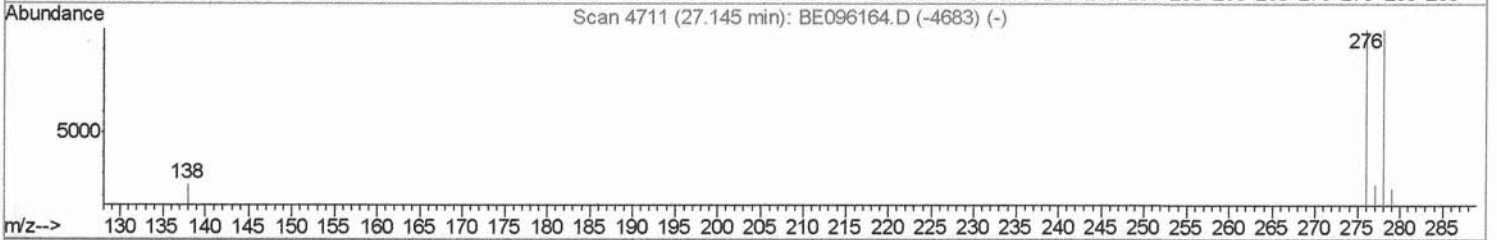
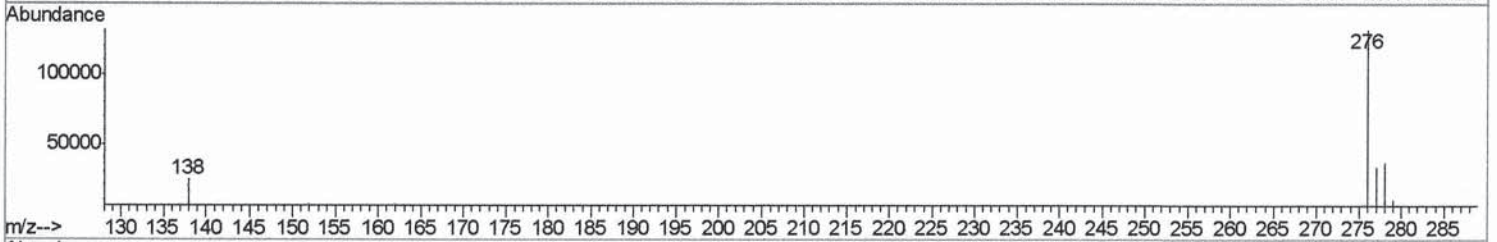
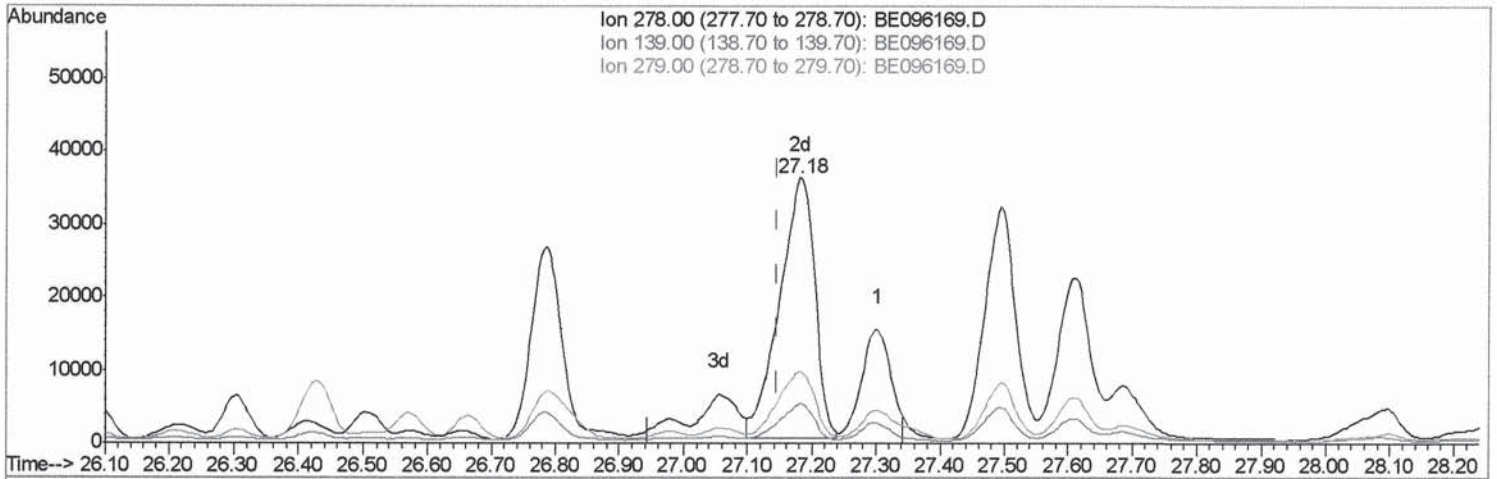
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TIC: BE096169.D

(25) Dibenzo(a,h)anthracene

27.180min (+0.036) 9.32ng/ul m > SJ 4/26/18

response 136286

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	14.93#
279.00	32.40	27.29
0.00	0.00	0.00

Quantitation Report (Qedit)

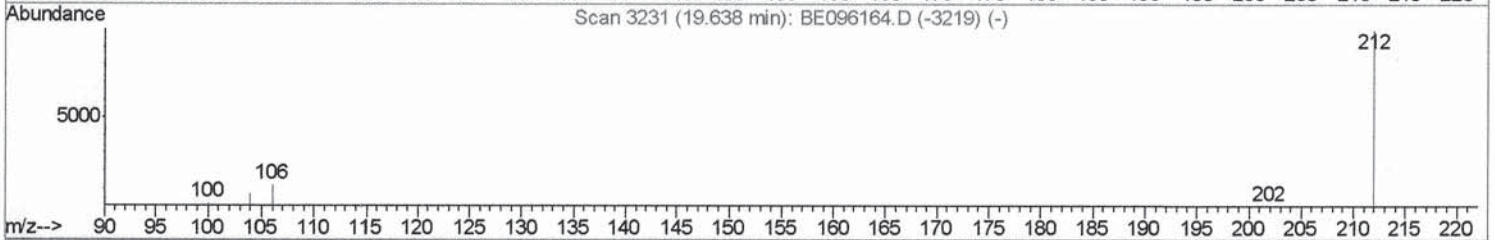
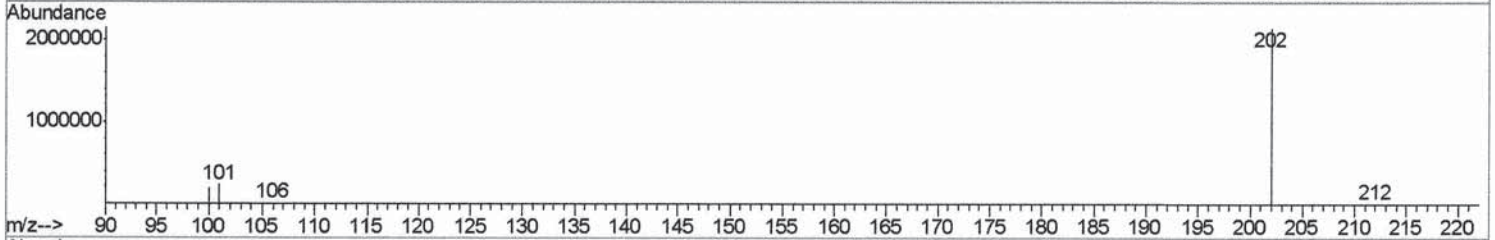
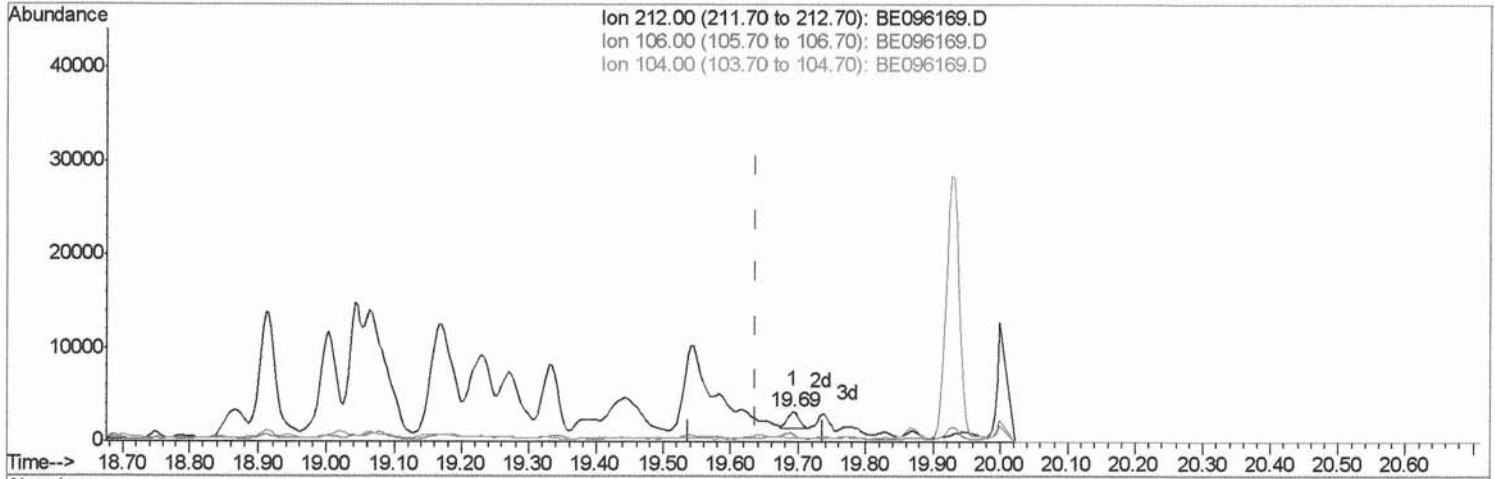
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Quant Time: Apr 26 16:41:41 2018
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TIC: BE096169.D

(14) Fluoranthene-d10 (SURR)

19.691min (+0.054) 0.09ng/ul

response 2020

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	59.95#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

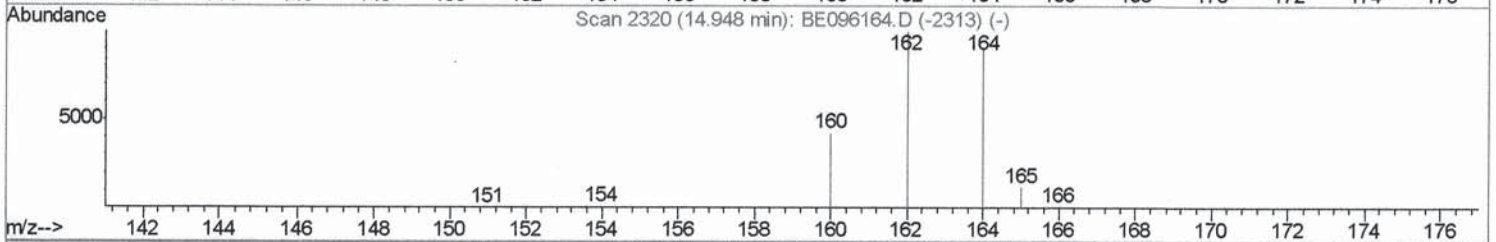
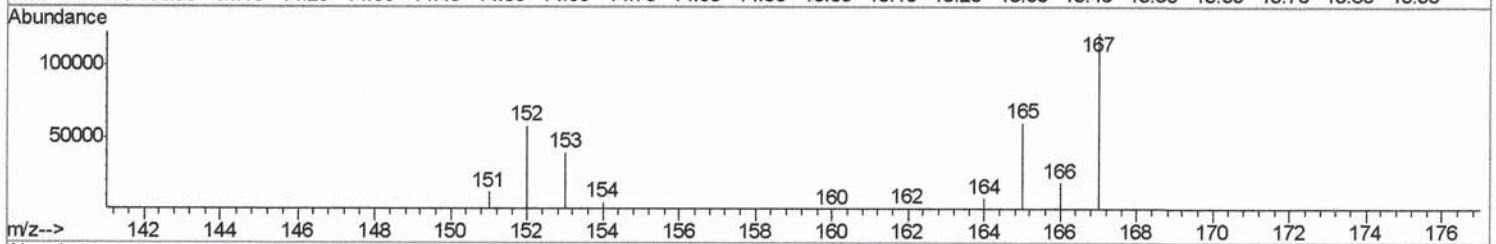
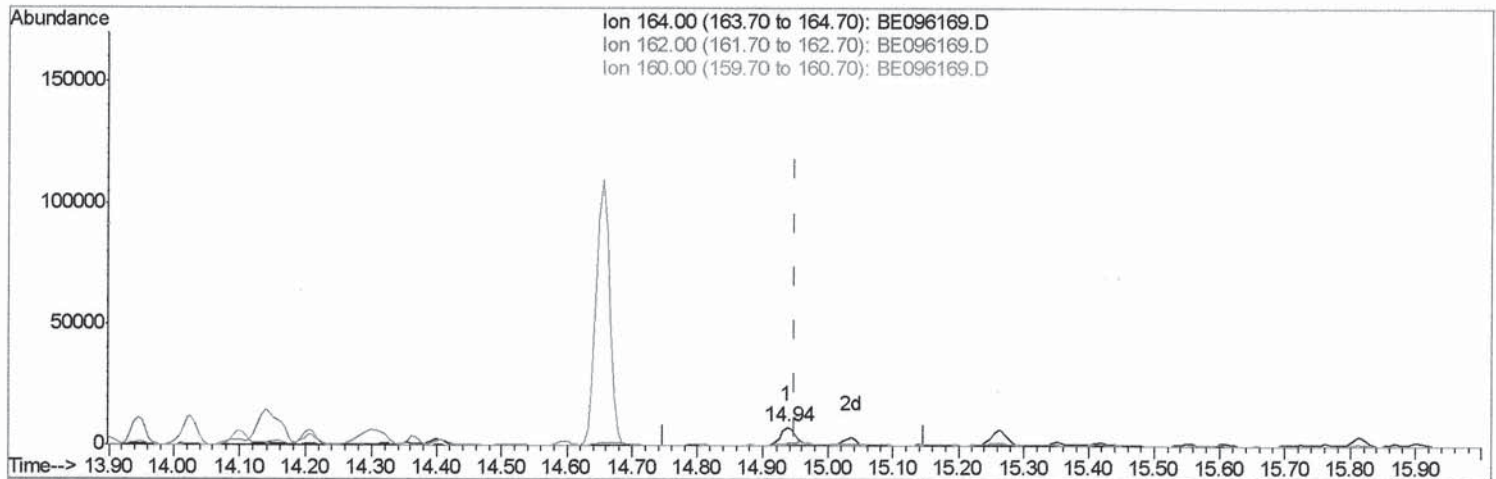
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:43:21 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



TIC: BE096169.D

(6) Acenaphthene-d10 (I)
 14.936min (-0.012) 0.40ng/ul
 response 12566

Ion	Exp%	Act%
164.00	100	100
162.00	98.60	11.30#
160.00	48.80	4.46#
0.00	0.00	0.00

Quantitation Report (Qedit)

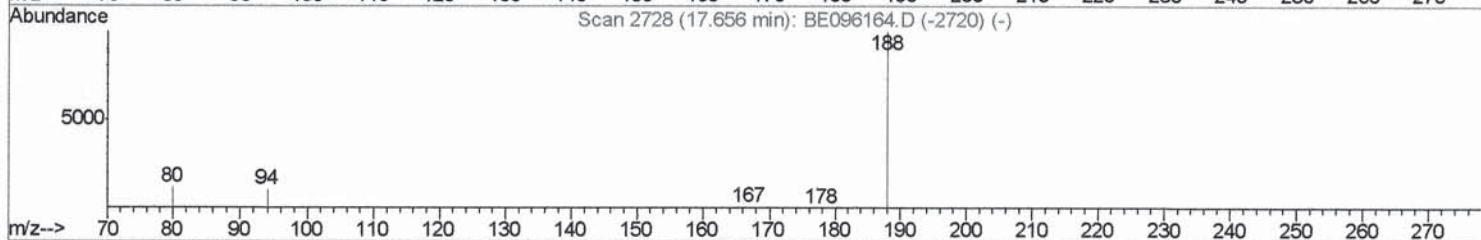
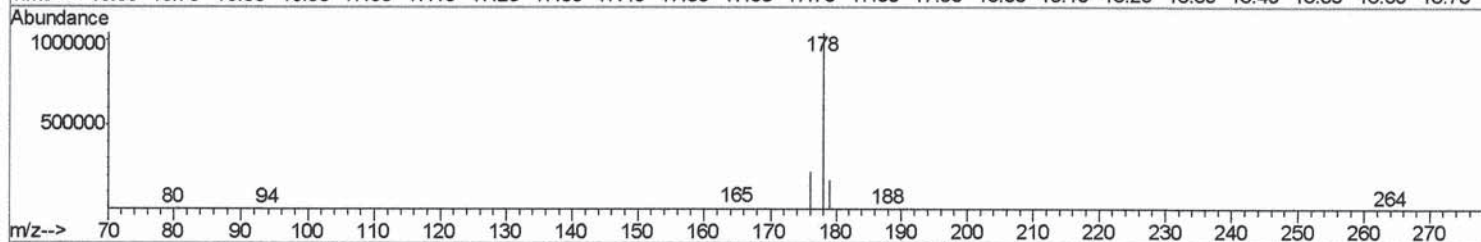
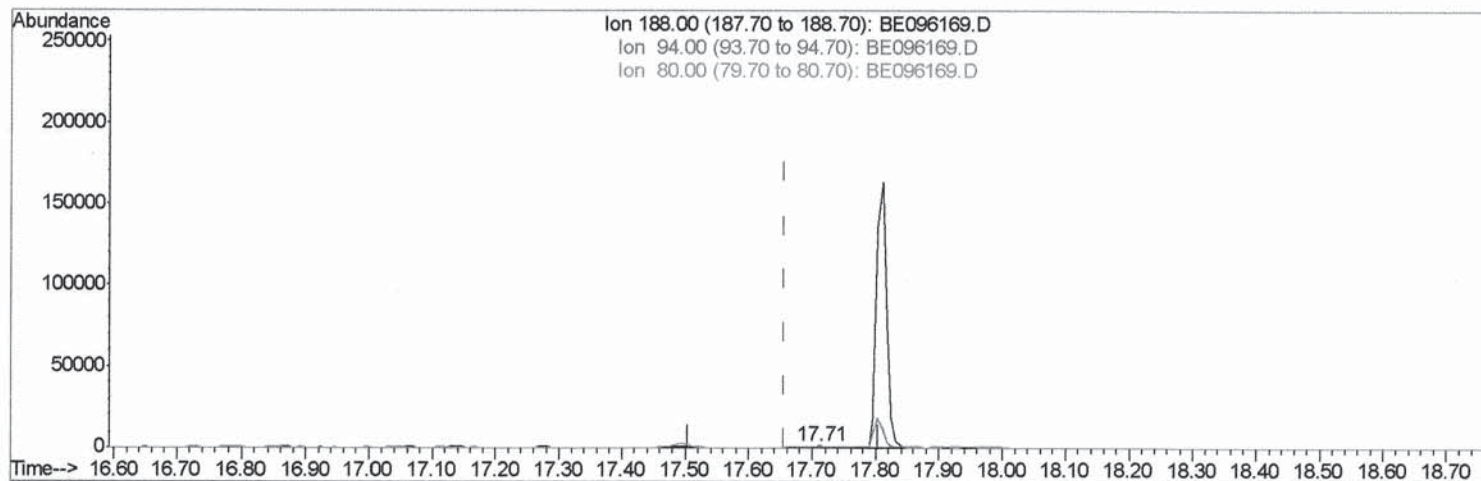
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:43:21 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



TIC: BE096169.D

(10) Phenanthrene-d10 (I)

17.711min (+0.056) 0.40ng/ul

response 5018

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	54.78#
80.00	11.80	44.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

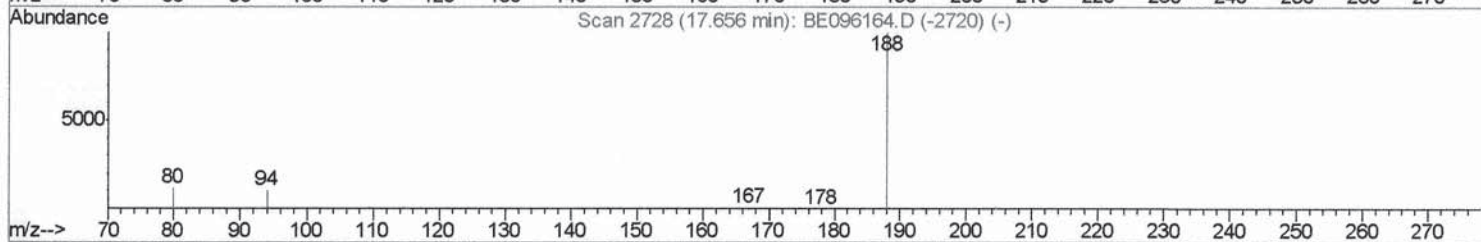
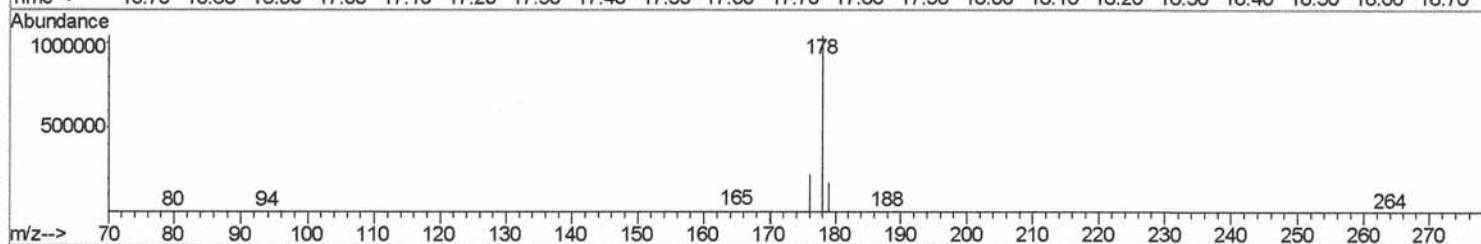
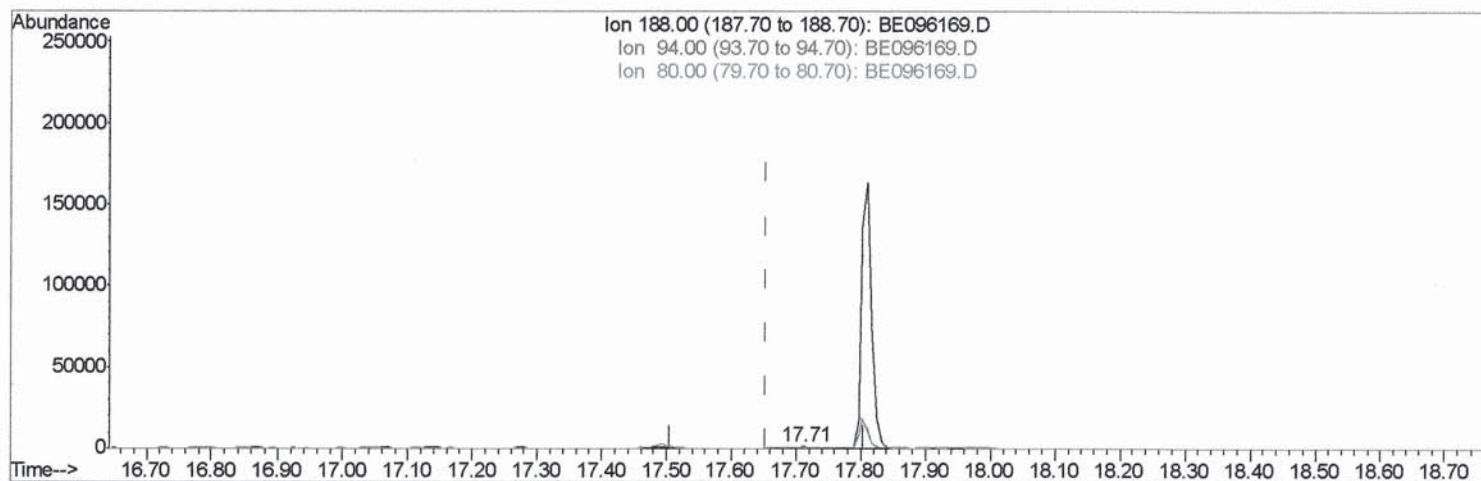
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
Data File : BE096169.D
Acq On : 26 Apr 2018 3:56
Operator : SJ/JU
Sample : J2431-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
DASP5

Manual Integrations
APPROVED

Sohil
4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:43:21 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 26 06:40:54 2018
Response via : Initial Calibration



TIC: BE096169.D

(10) Phenanthrene-d10 (I)

17.711min (+0.056) 0.40ng/ul m)

response 4757

Ion	Exp%	Act%
188.00	100	100
94.00	11.00	54.78#
80.00	11.80	44.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

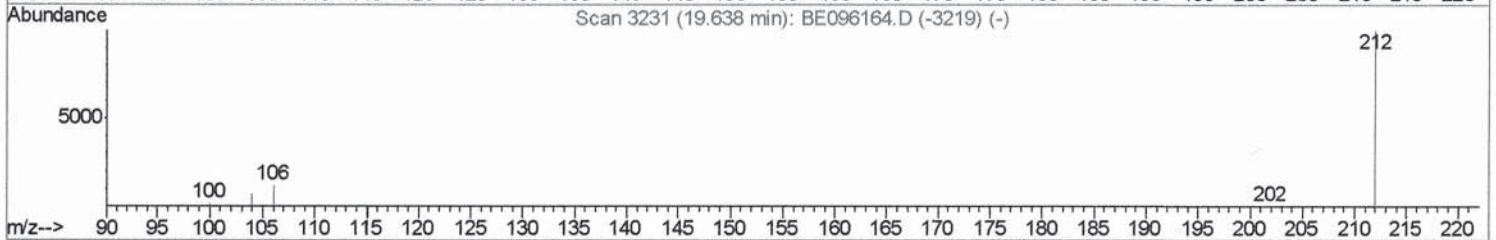
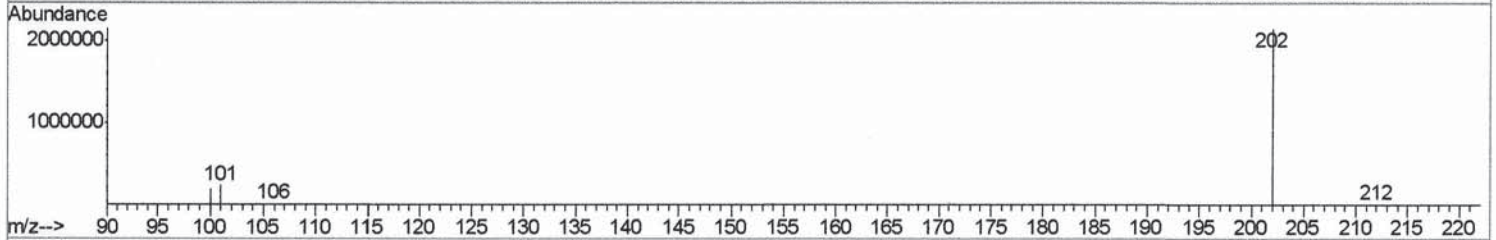
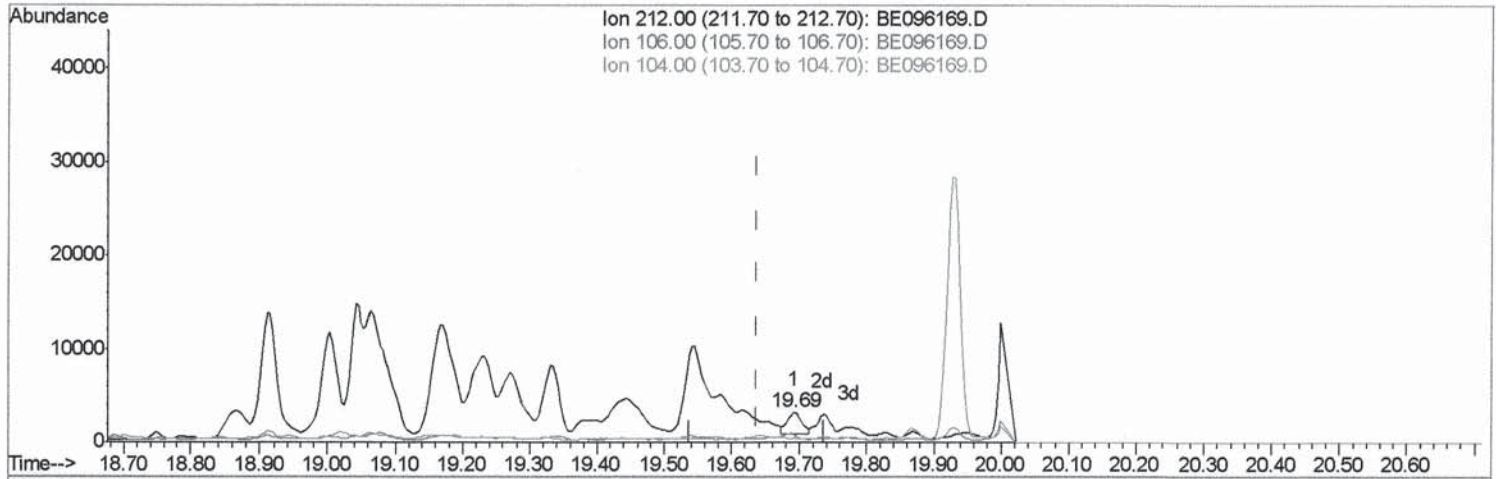
Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:43:21 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration



TIC: BE096169.D

(14) Fluoranthene-d10 (SURR)

19.691min (+0.054) 0.15ng/ul m) SJ 4/22/18

response 3313

Ion	Exp%	Act%
212.00	100	100
106.00	18.30	36.55#
104.00	15.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE042518\
 Data File : BE096169.D
 Acq On : 26 Apr 2018 3:56
 Operator : SJ/JU
 Sample : J2431-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DASP5

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:20:28 PM

Quant Time: Apr 26 16:48:12 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE042418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 26 06:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	975	0.40	ng/ul	0.00
2) Naphthalene-d8	11.19	136	3927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	12566	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.71	188	4757m	0.40	ng/ul	0.06
16) Chrysene-d12	21.78	240	5423m	0.40	ng/ul	0.04
20) Perylene-d12	24.39	264	3942m	0.40	ng/ul	0.04

SJ 4/27/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.74	152	1361	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	3313m	0.15	ng/ul	0.05

SJ 4/27/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	11.26	128	2737368	250.343	ng/ul#	88
5) 2-Methylnaphthalene	12.85	142	3161635	431.561	ng/ul	99
7) Acenaphthylene	14.68	152	160750	2.482	ng/ul#	96
8) Acenaphthene	15.05	153	5216833	111.694	ng/ul	96
9) Fluorene	16.02	166	4896439	79.231	ng/ul#	89
11) Pentachlorophenol	17.37	266	1039	0.908	ng/ul	90
12) Phenanthrene	17.76	178	15808649	1128.736	ng/ul#	88
13) Anthracene	17.84	178	4113399	292.742	ng/ul#	91
15) Fluoranthene	19.74	202	13132580	613.439	ng/ul	79
17) Pyrene	20.08	202	11774623	1082.287	ng/ul#	80
18) Benzo(a)anthracene	21.77	228	3956563m	240.987	ng/ul	95
19) Chrysene	21.83	228	2482614	164.556	ng/ul	
21) Benzo(b)fluoranthene	23.59	252	1918078m	128.502	ng/ul	
22) Benzo(k)fluoranthene	23.64	252	699596m	49.028	ng/ul	
23) Benzo(a)pyrene	24.29	252	1275263	98.343	ng/ul#	
24) Indeno(1,2,3-cd)pyrene	27.18	276	464584	26.589	ng/ul#	72
25) Dibenzo(a,h)anthracene	27.18	278	136286m	9.316	ng/ul	90
26) Benzo(g,h,i)perylene	28.05	276	377529	24.823	ng/ul#	

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