

(QT Reviewed)

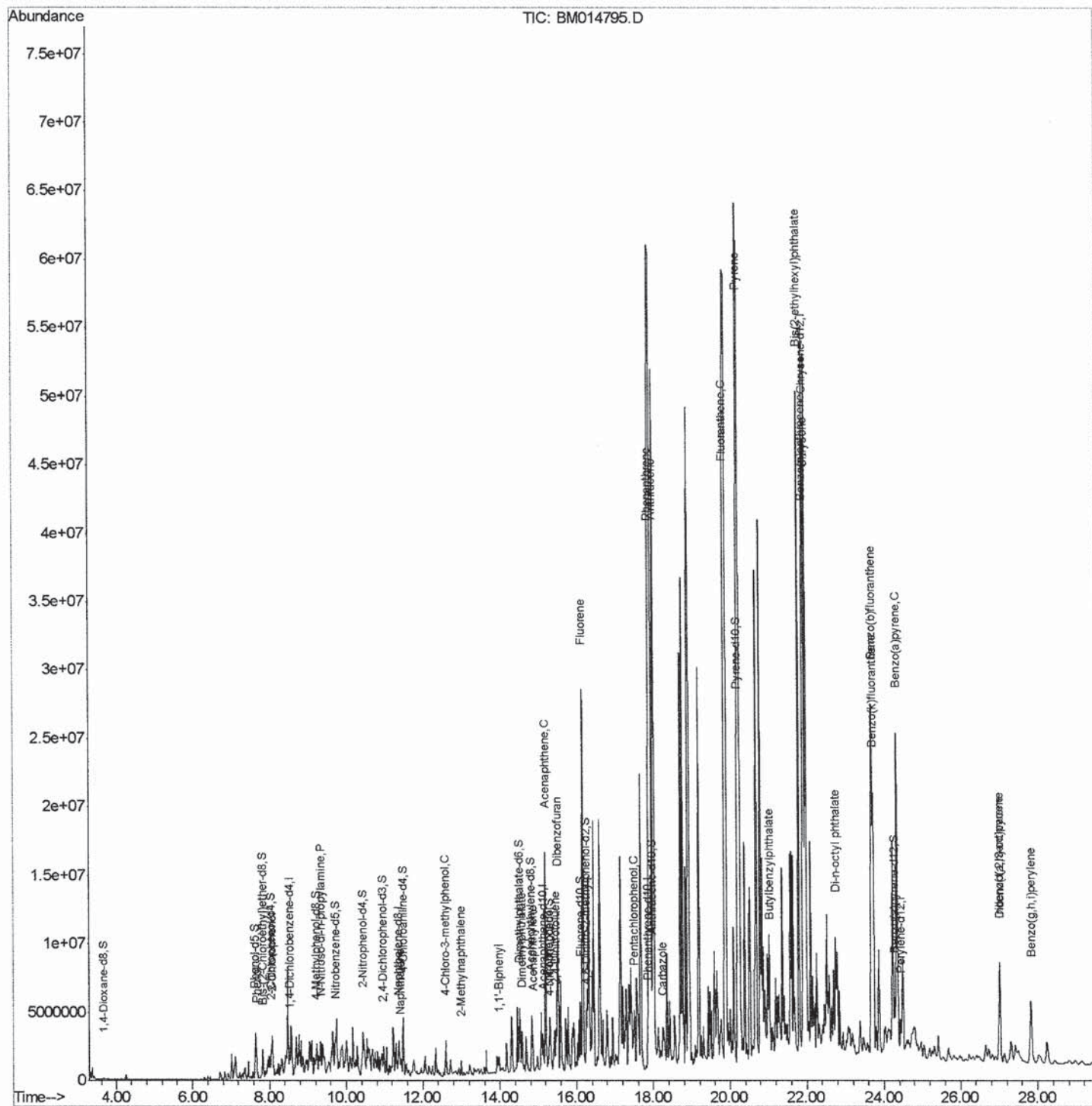
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014795.D
Acq On : 24 Apr 2018 02:41
Operator : SJ/JU
Sample : J2431-22MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MSD

Manual Integrations

Sohil
4/24/2018 7:13:38 PM

Quant Time: Apr 24 04:33:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

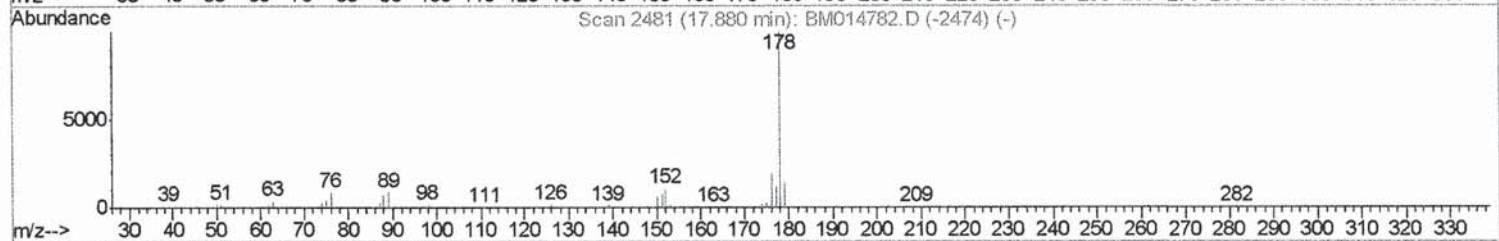
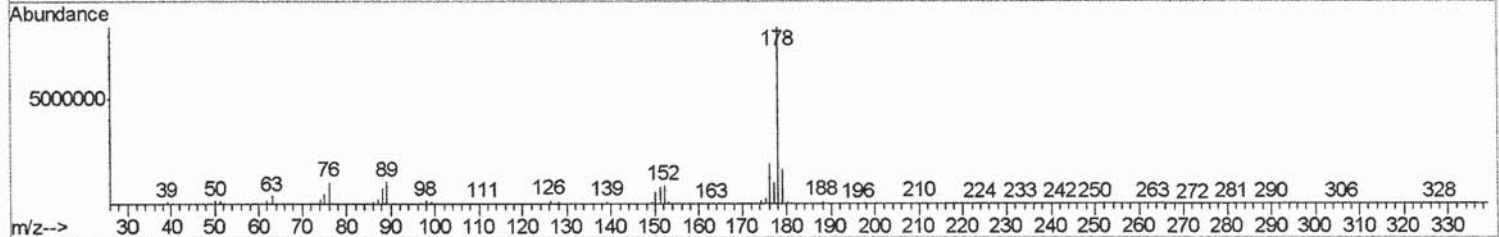
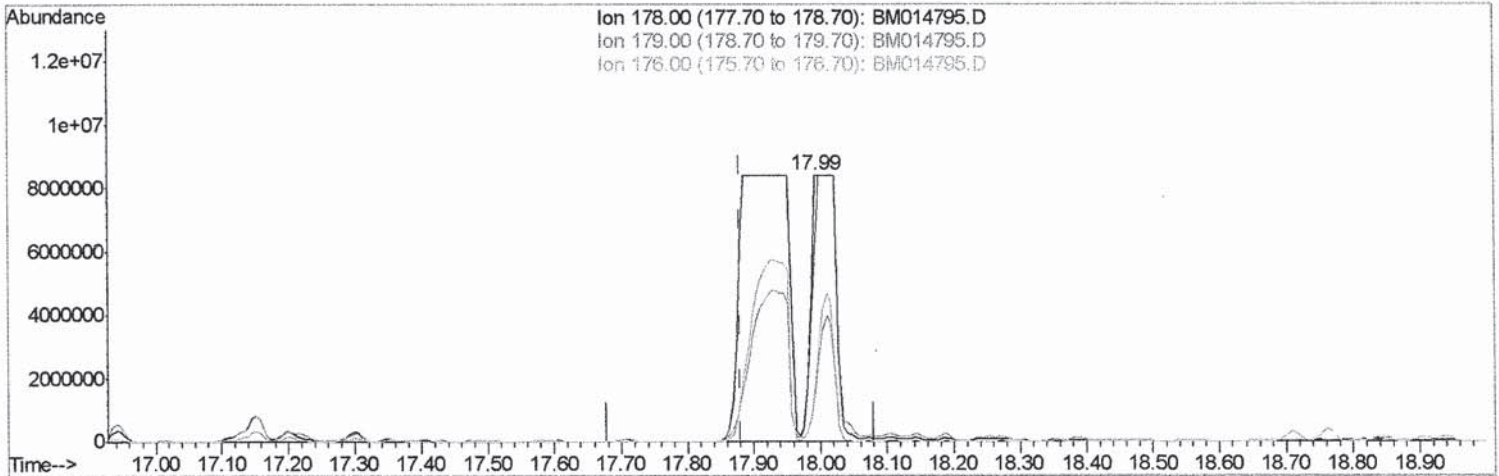
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TIC: BM014795.D

(69) Phenanthrene

17.992min (+0.112) 29.20ng/ul

response 2784374

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	19.75#
176.00	18.60	22.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

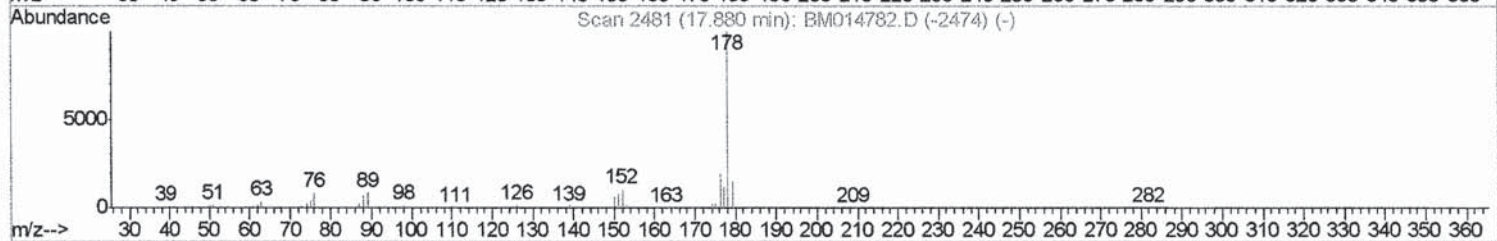
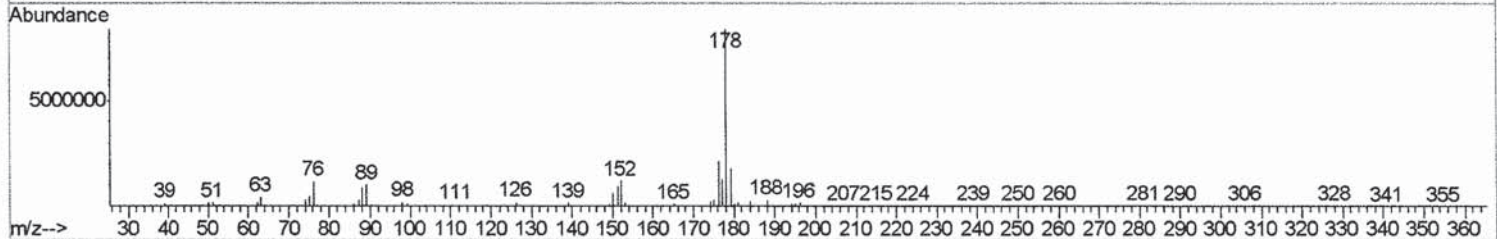
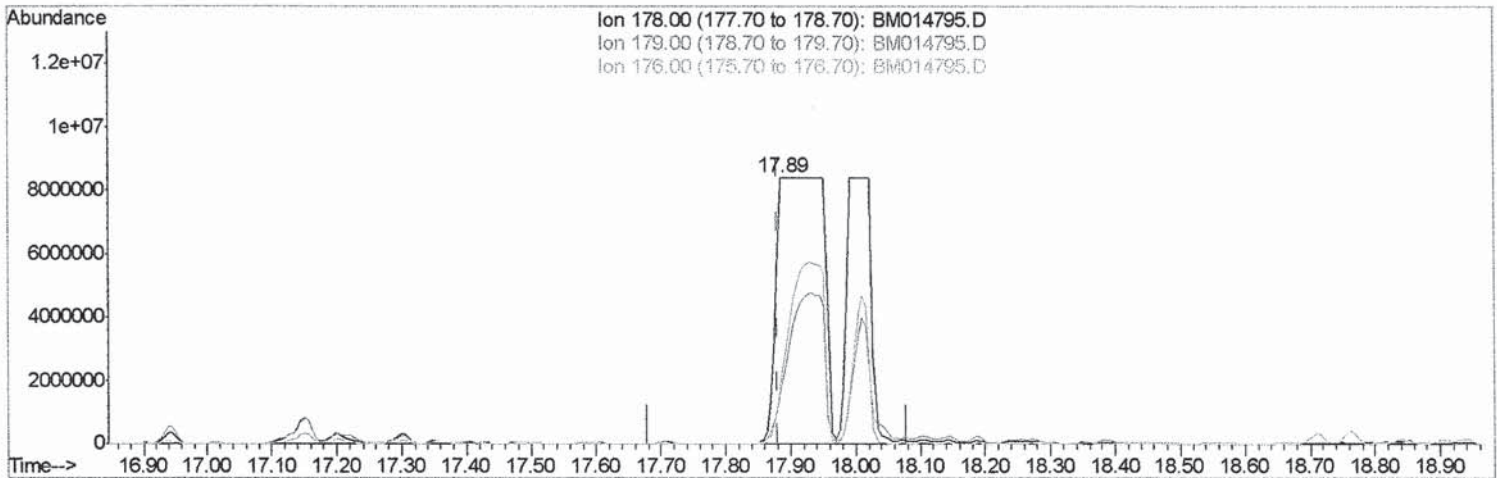
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(69) Phenanthrene

17.886min (+0.006) 434.28ng/ul m> SJ 4/24/18

response 41411773

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	21.60#
176.00	18.60	25.14#
0.00	0.00	0.00

Quantitation Report (Qedit)

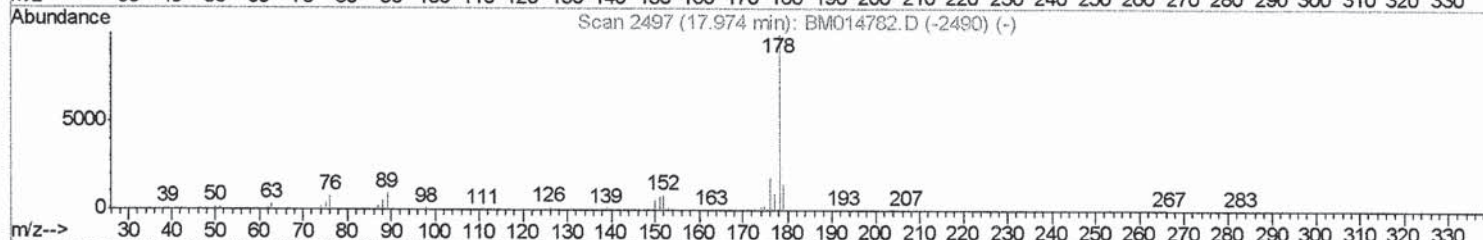
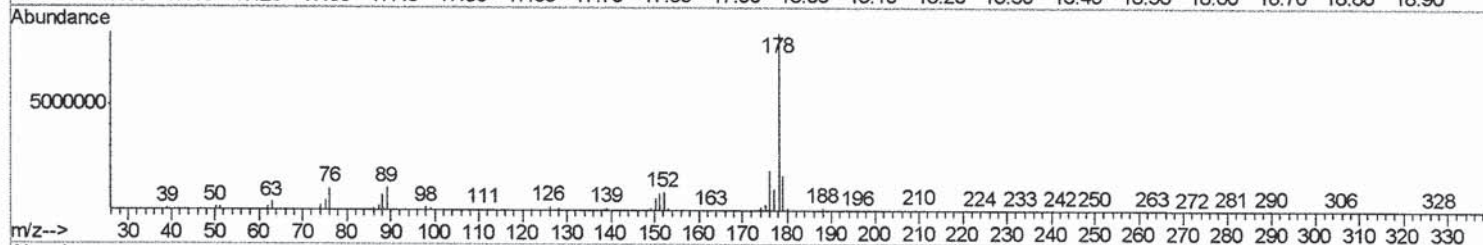
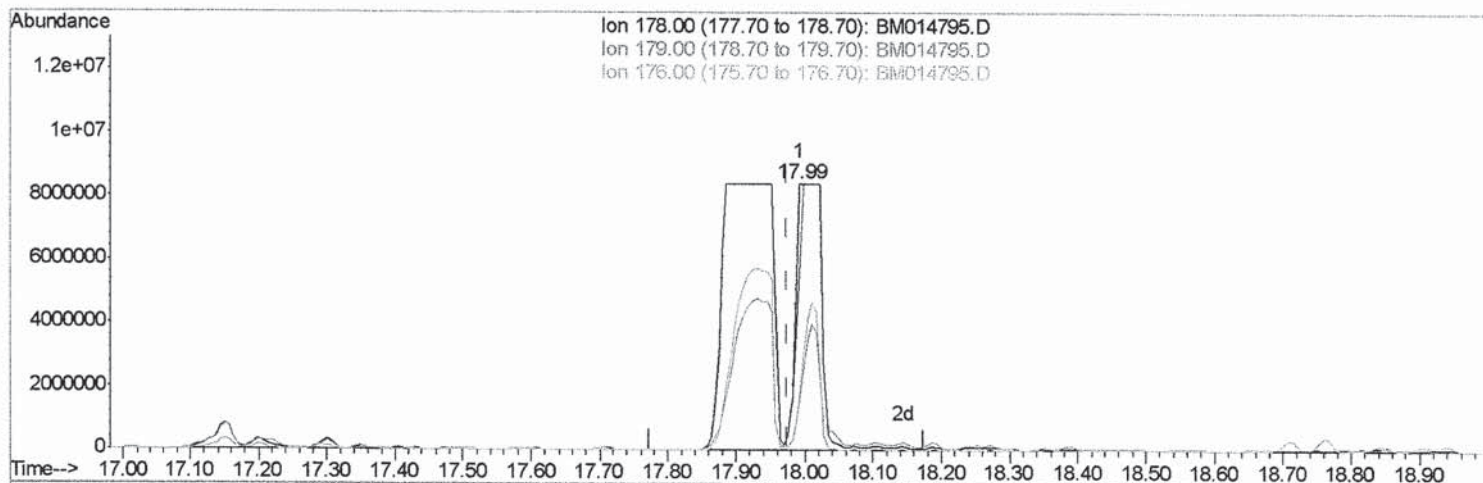
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TIC: BM014795.D

(71) Anthracene

17.992min (+0.018) 28.77ng/ul

response 2784374

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	19.75#
176.00	18.20	22.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

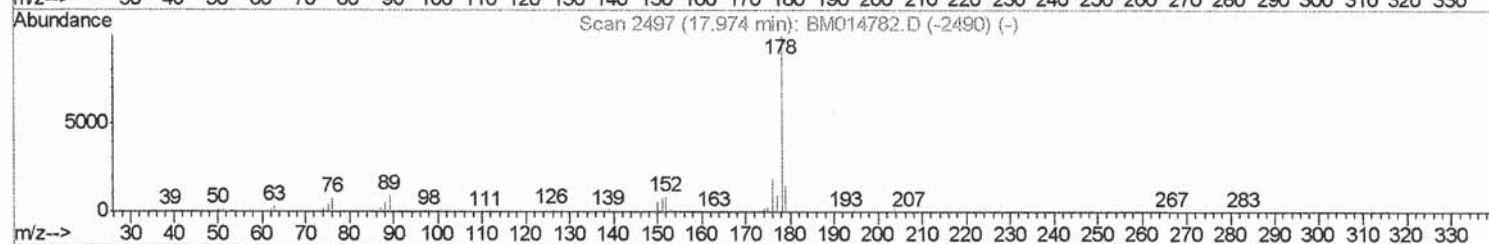
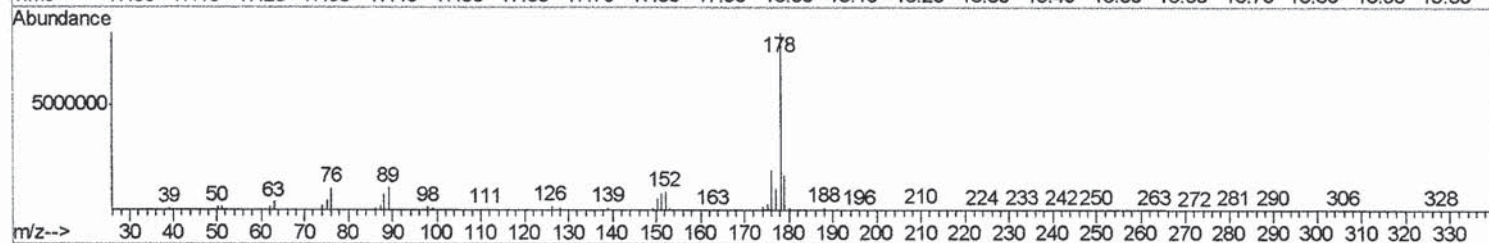
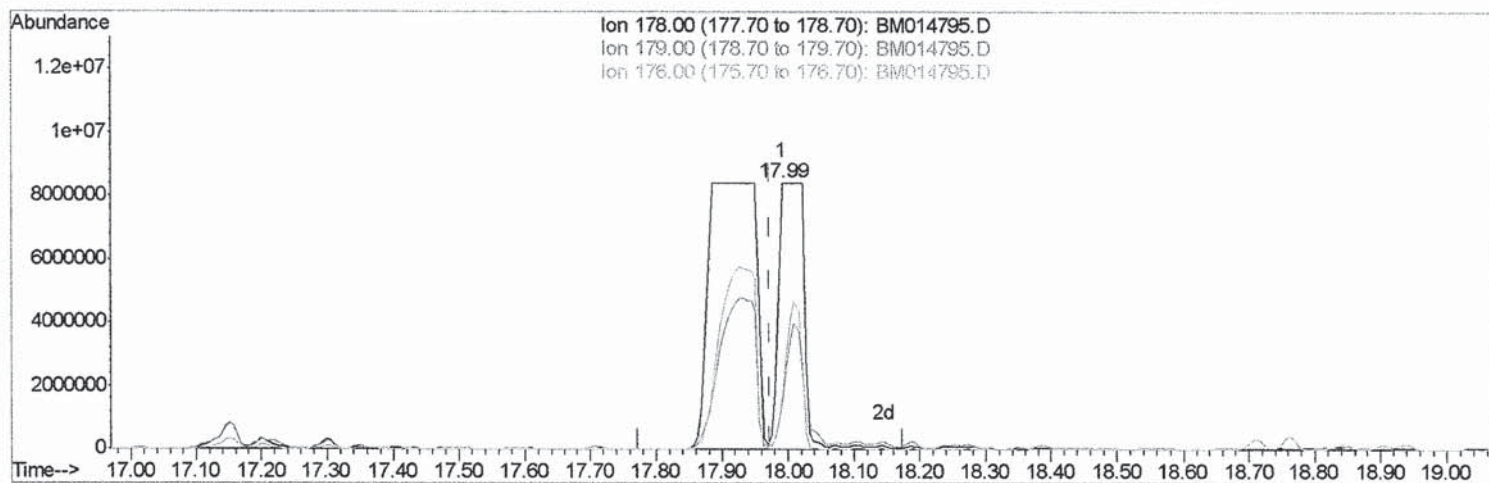
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(71) Anthracene

17.992min (+0.018) 222.49ng/ul m) SJ 4/24/18

response 21531201

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	19.75#
176.00	18.20	22.47#
0.00	0.00	0.00

Quantitation Report (Qedit)

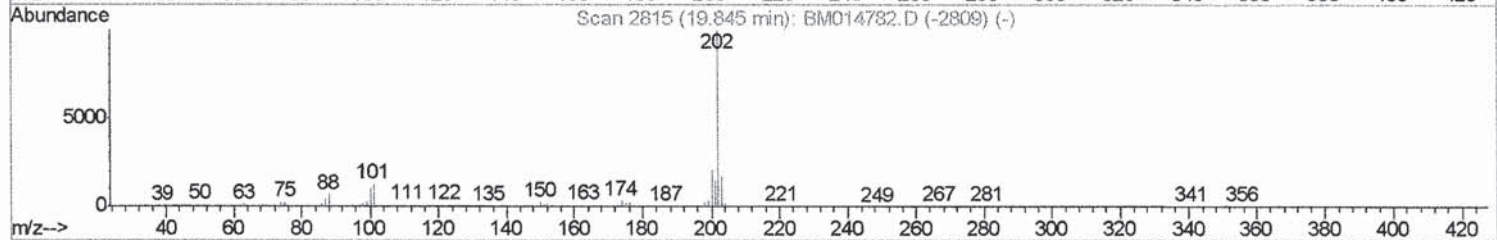
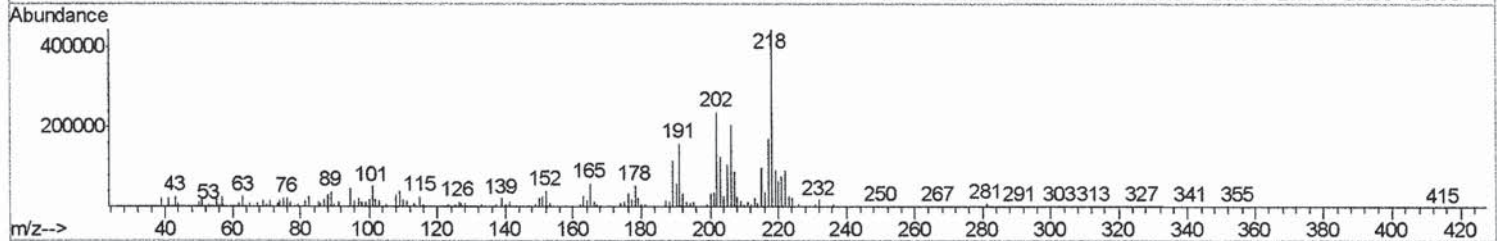
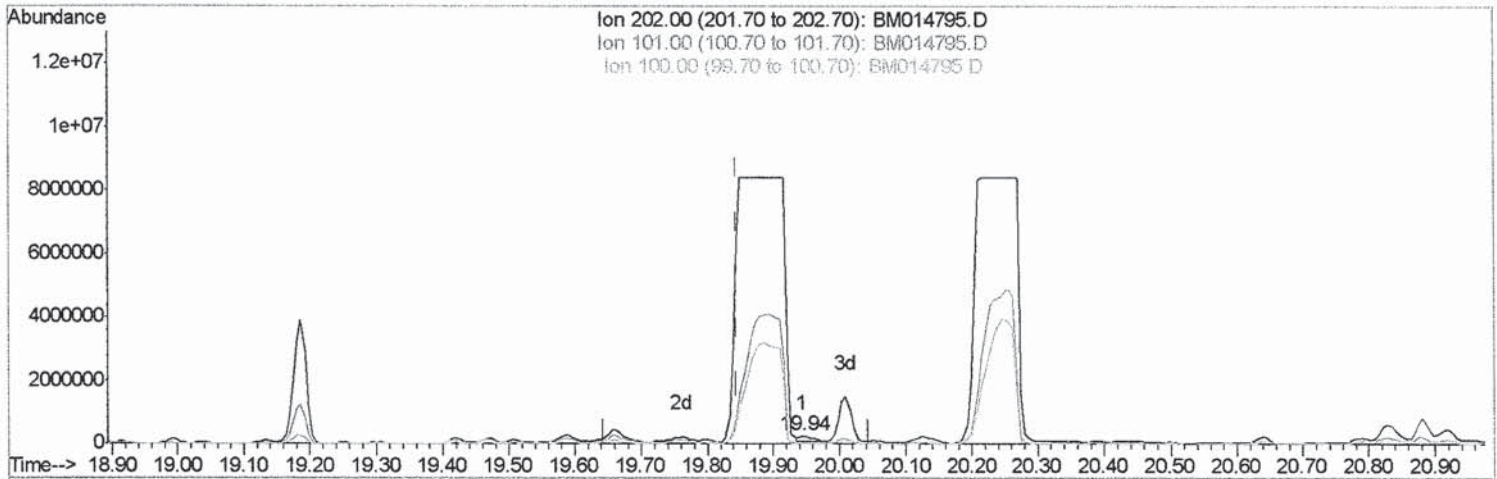
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TIC: BM014795.D

(74) Fluoranthene (C)

19.945min (+0.100) 1.97ng/ul

response 205287

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	21.32#
100.00	4.30	7.90#
0.00	0.00	0.00

Quantitation Report (Qedit)

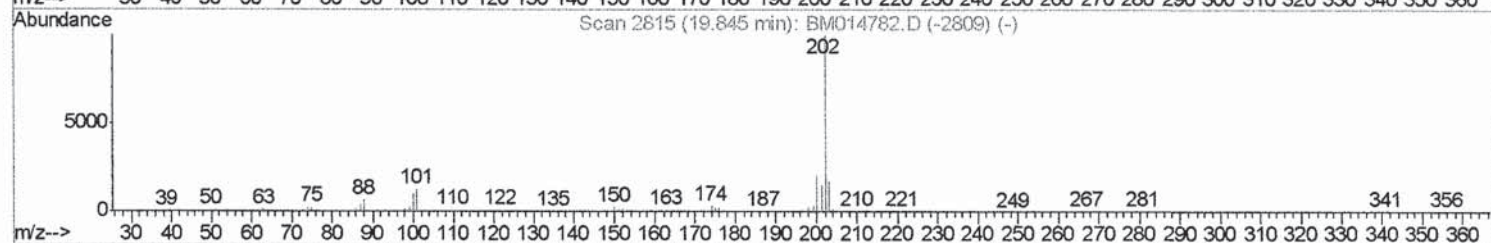
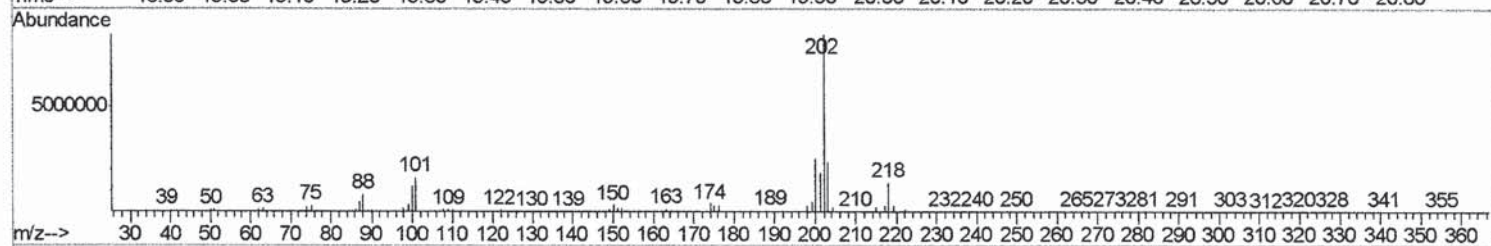
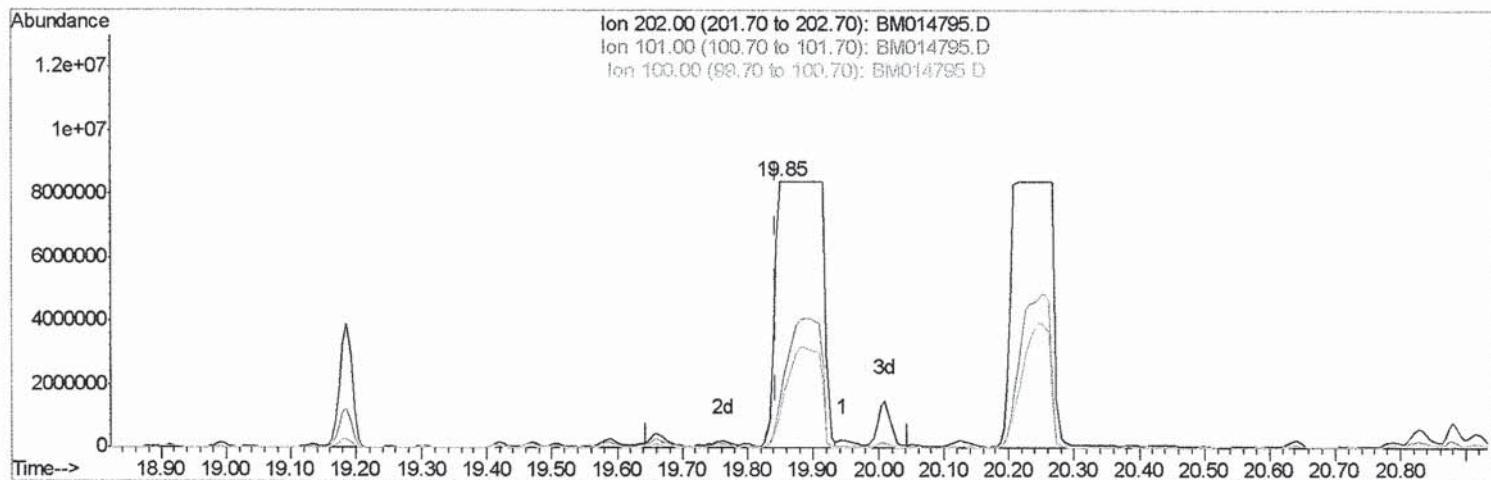
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Instrument :
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Manual Integrations
APPROVED

Sohil
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TIC: BM014795.D

(74) Fluoranthene (C)

19.851min (+0.006) 389.10ng/ul m) SJ 4/24/18

response 40452262

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	19.50#
100.00	4.30	14.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

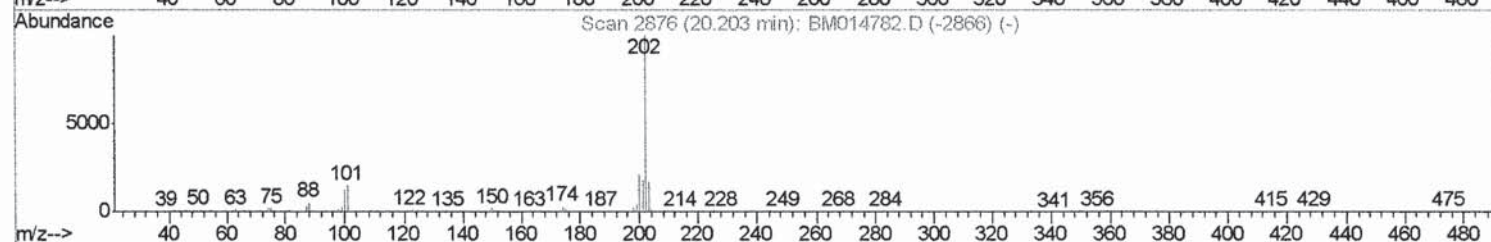
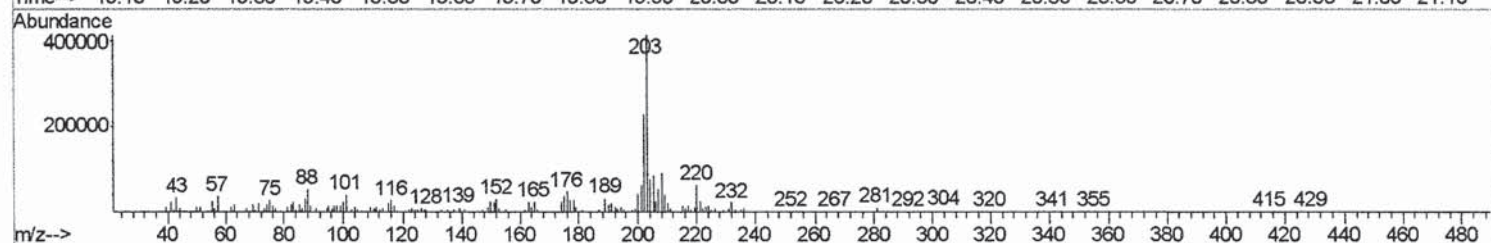
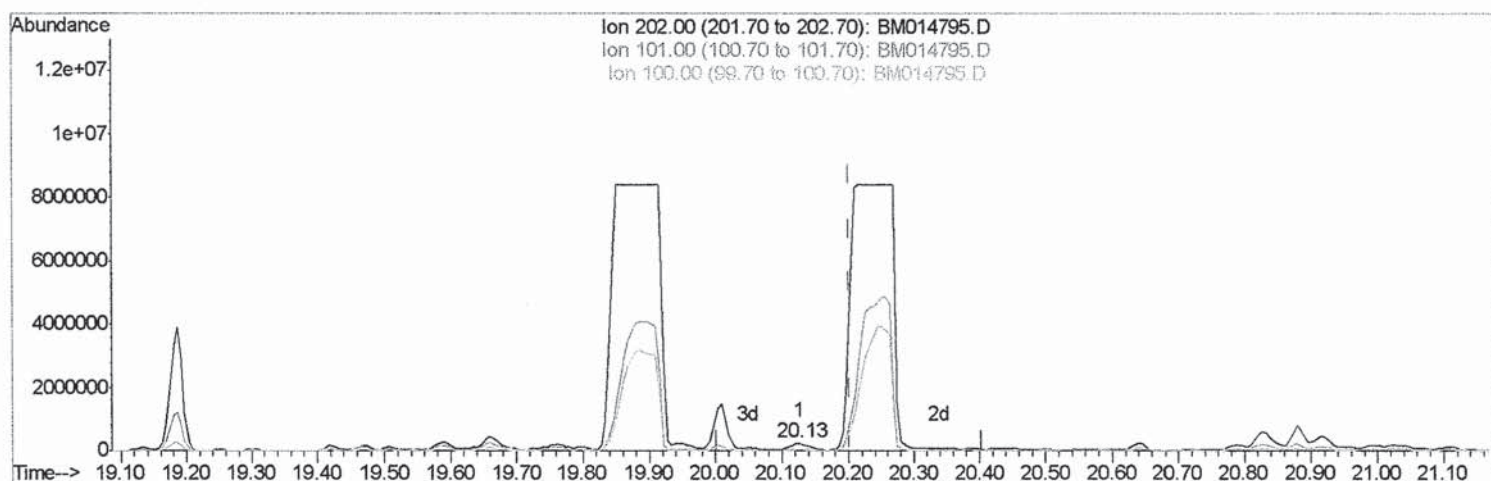
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(77) Pyrene

20.127min (-0.076) 3.97ng/ul

response 427535

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	17.56#
100.00	6.10	10.08#
0.00	0.00	0.00

Quantitation Report (Qedit)

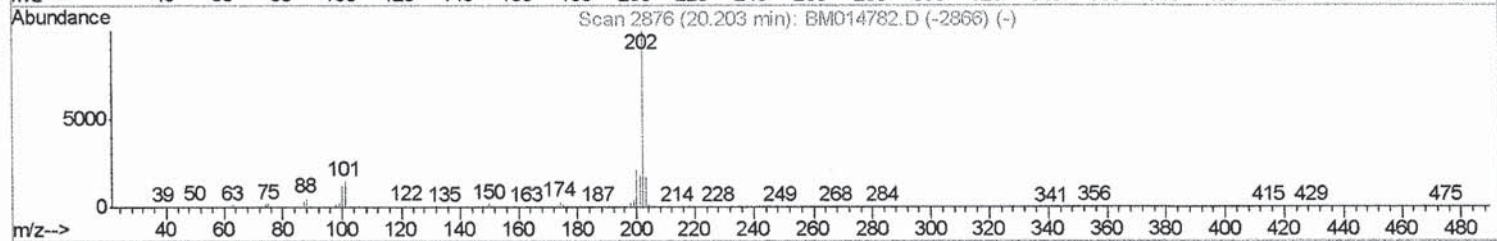
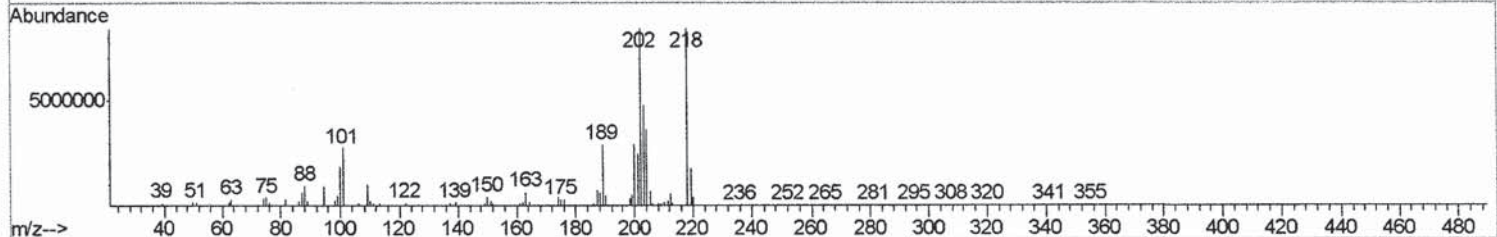
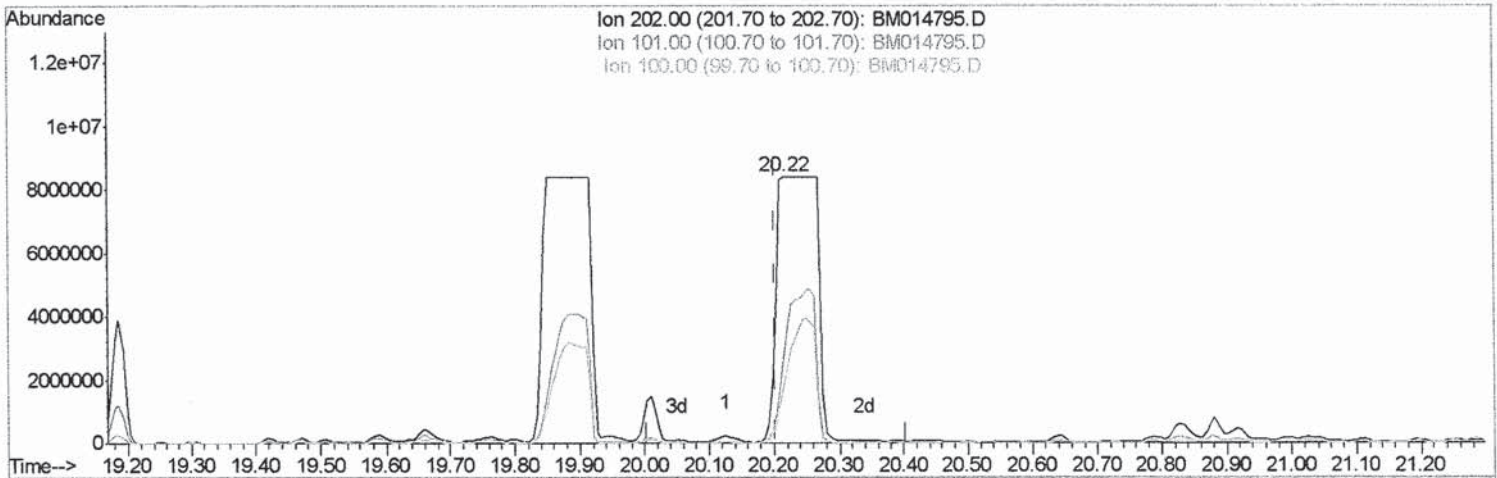
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014795.D
 Acq On : 24 Apr 2018 02:41
 Operator : SJ/JU
 Sample : J2431-22MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

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TIC: BM014795.D

(77) Pyrene

20.215min (+0.012) 335.01ng/ul m } SJ 4/24/18

response 36049658

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	32.58#
100.00	6.10	21.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

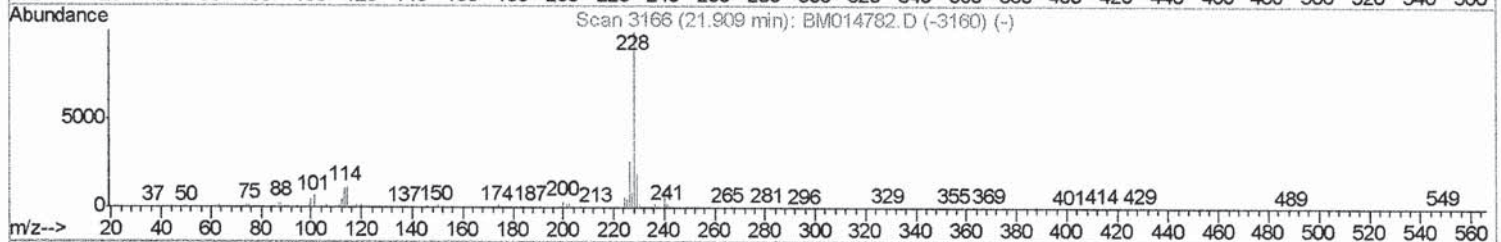
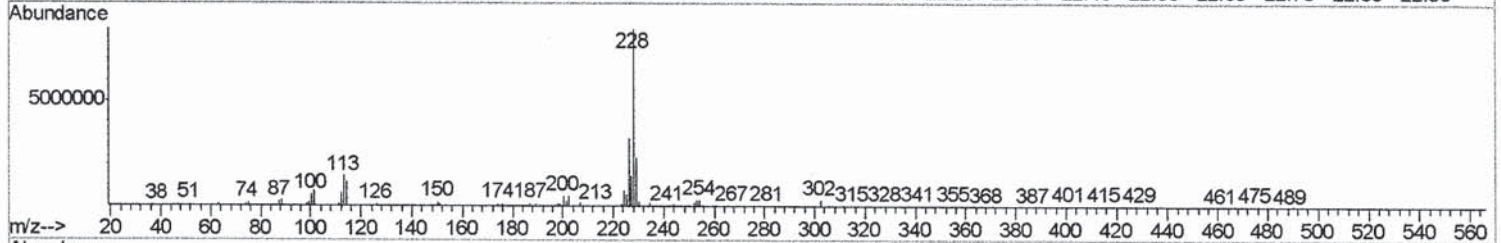
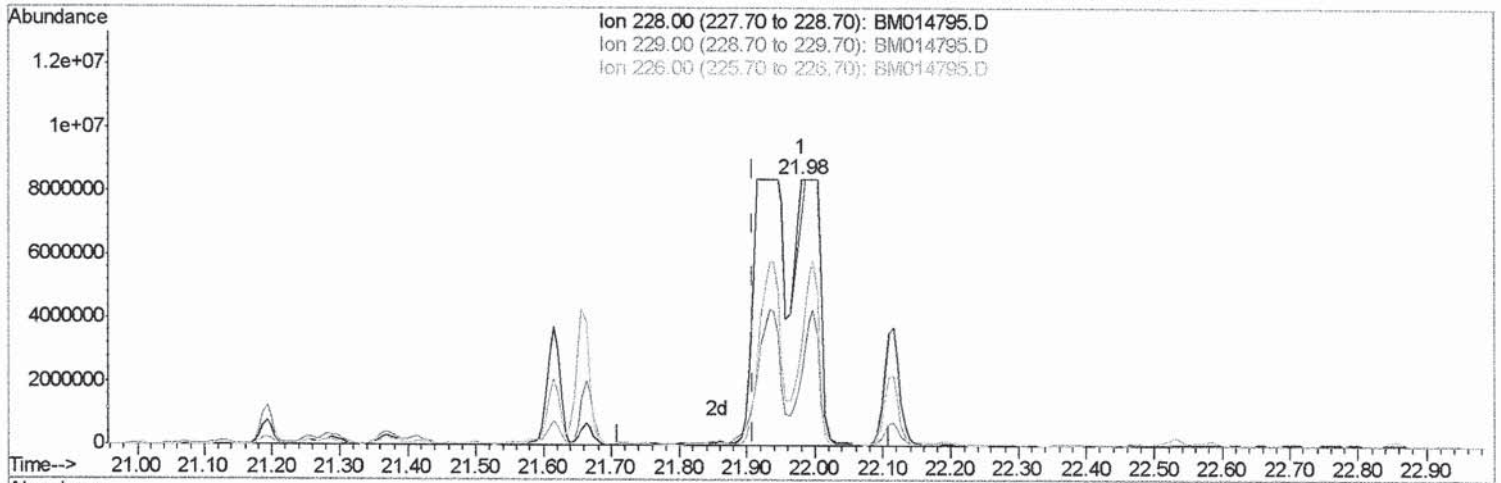
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TIC: BM014795.D

(80) Benzo(a)anthracene

21.980min (+0.071) 13.60ng/ul

response 1464731

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	27.30#
226.00	26.70	38.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

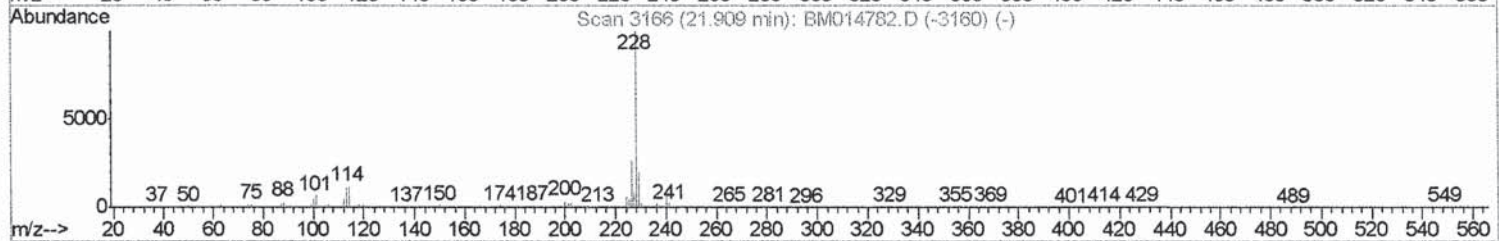
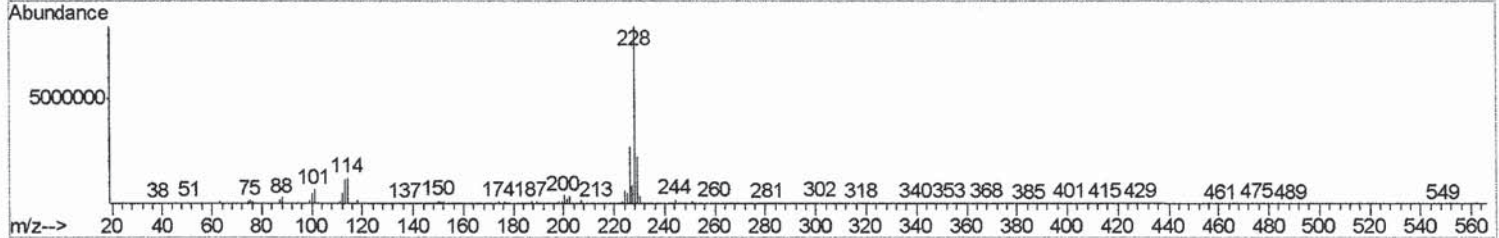
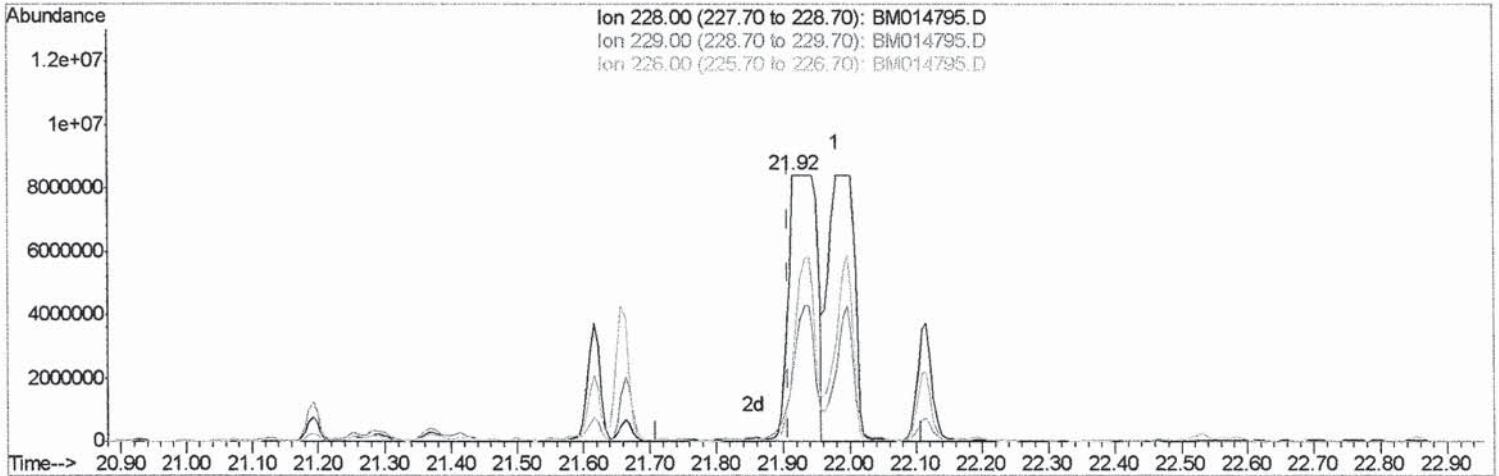
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
 Data File : BM014795.D
 Acq On : 24 Apr 2018 02:41
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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(80) Benzo(a)anthracene

21.915min (+0.006) 231.30ng/ul m> SJ 4/24/18

response 24910720

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	27.05#
226.00	26.70	32.01
0.00	0.00	0.00

Quantitation Report (Qedit)

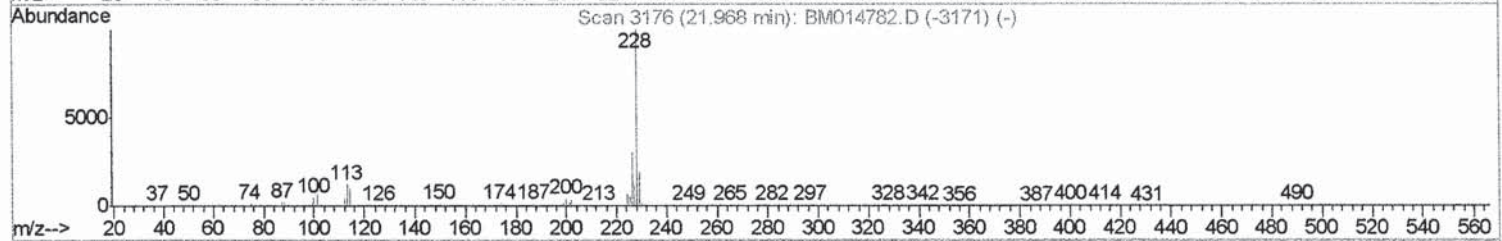
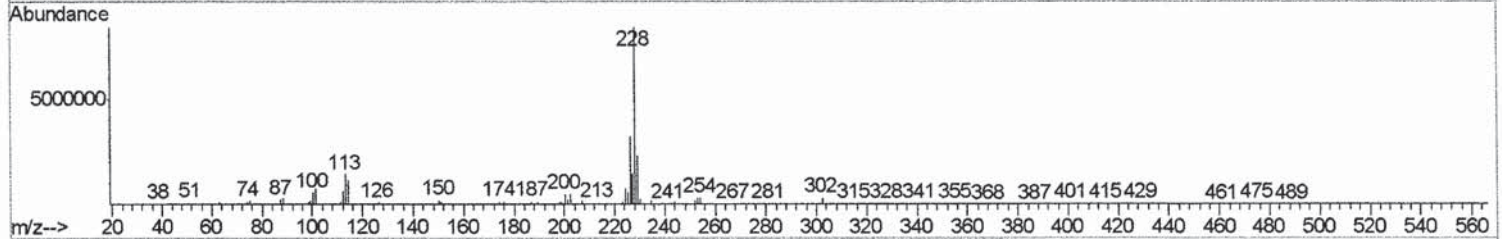
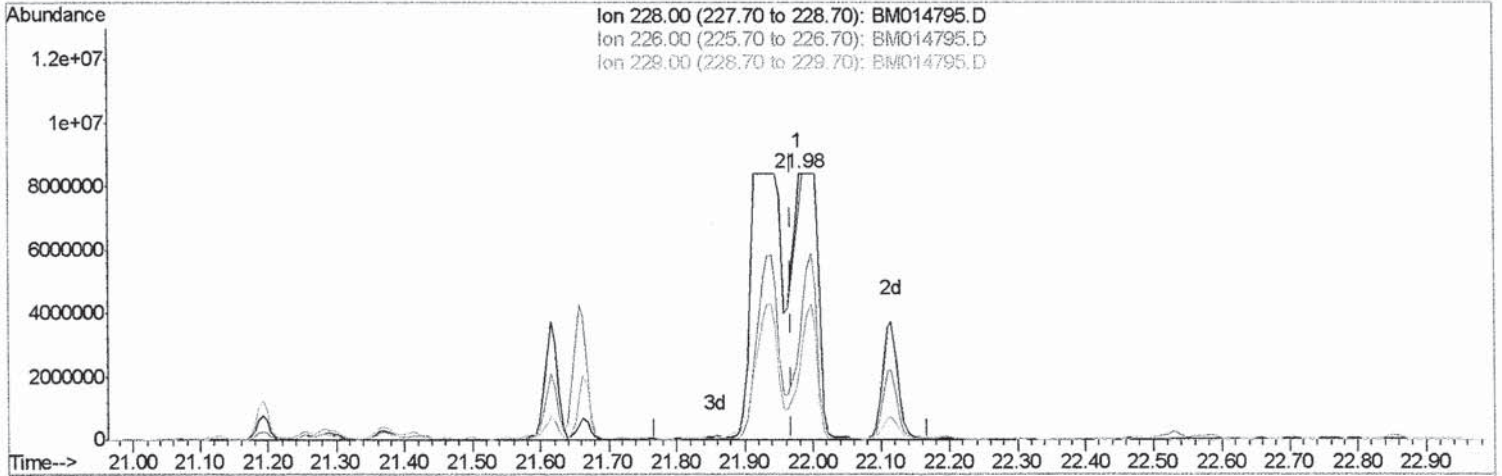
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TIC: BM014795.D

(82) Chrysene

21.980min (+0.012) 14.53ng/ul

response 1464731

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	38.18#
229.00	19.40	27.30#
0.00	0.00	0.00

Quantitation Report (Qedit)

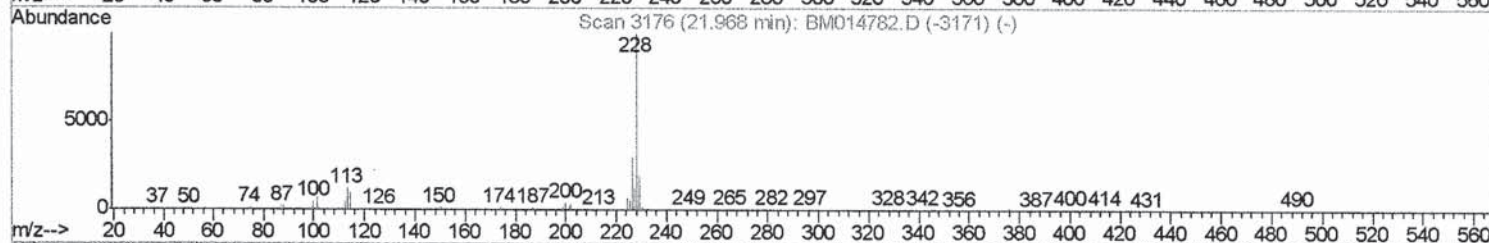
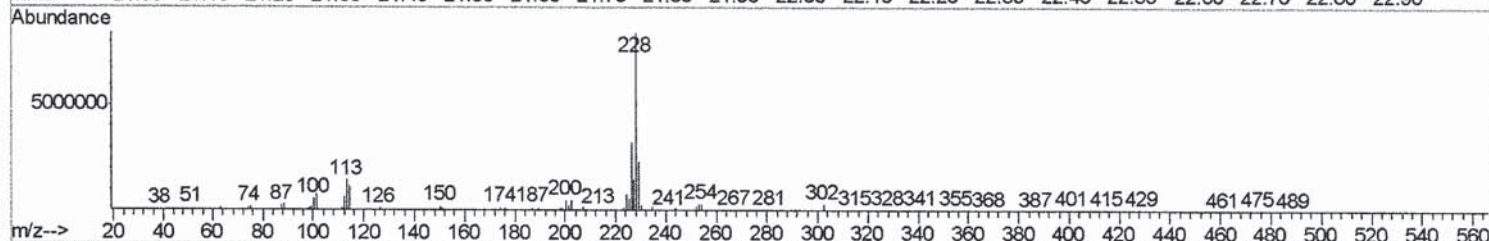
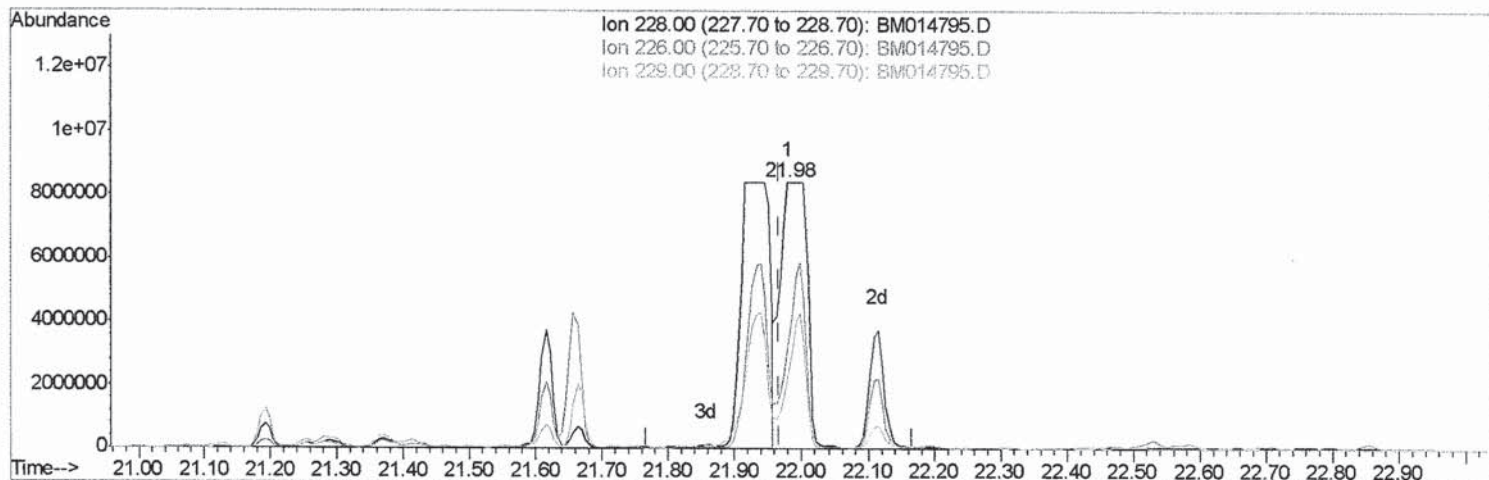
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(82) Chrysene

21.980min (+0.012) 228.32ng/ul m) SJ 4/24/18

response 23019312

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	38.18#
229.00	19.40	27.30#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.53	152	420737	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	1711059	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	876823	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1775584	20.00	ng/ul	0.02
75) Chrysene-d12	21.95	240	1841696	20.00	ng/ul	0.02
83) Perylene-d12	24.43	264	1918570	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	48165	5.00	ng/uL	0.00
5) Phenol-d5	7.65	99	938862	28.86	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.83	67	639119	30.64	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	783592	28.80	ng/ul	0.00
13) 4-Methylphenol-d8	9.23	113	722582	27.86	ng/ul	0.00
19) Nitrobenzene-d5	9.71	128	371687	30.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.44	143	398377	32.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	720248	28.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	834213	33.77	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	2162788	31.60	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	2595065	30.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.29	143	336159	26.46	ng/ul	0.00
57) Fluorene-d10	16.11	176	1855262	31.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.24	200	92264	9.60	ng/ul	0.04
70) Anthracene-d10	17.97	188	2705881	32.70	ng/ul	0.03
76) Pyrene-d10	20.19	212	2760532	31.68	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.28	264	3237368	34.35	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.67	94	1101823	34.430	ng/ul#	79
10) 2-Chlorophenol	8.08	128	853632	31.857	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.33	70	706346	35.811	ng/ul#	78
28) Naphthalene	11.42	128	287921	3.453	ng/ul#	96
33) 4-Chloro-3-methylphenol	12.59	107	830219	34.343	ng/ul	95
34) 2-Methylnaphthalene	12.99	142	486074	8.395	ng/ul	94
40) 1,1'-Biphenyl	13.97	154	527797	7.485	ng/ul#	98
44) Dimethylphthalate	14.56	163	358413	5.417	ng/ul#	97
47) Acenaphthylene	14.86	152	1150800	14.054	ng/ul#	96
49) Acenaphthene	15.20	153	5584557	95.967	ng/ul	97
52) 4-Nitrophenol	15.30	109	265022	28.949	ng/ul#	75
53) Dibenzofuran	15.52	168	5953091	73.669	ng/ul	100
54) 2,4-Dinitrotoluene	15.47	165	755301	42.244	ng/ul#	84
58) Fluorene	16.17	166	12883457	197.448	ng/ul#	98
68) Pentachlorophenol	17.52	266	428947	34.617	ng/ul	99
69) Phenanthrene	17.89	178	41411773m	434.284	ng/ul	
71) Anthracene	17.99	178	21531201m	222.489	ng/ul	
72) Carbazole	18.23	167	389810	4.722	ng/ul#	80
74) Fluoranthene	19.85	202	40452262m	389.100	ng/ul	
77) Pyrene	20.22	202	36049658m	335.014	ng/ul	
78) Butylbenzylphthalate	21.04	149	1071917	24.417	ng/ul	91
80) Benzo(a)anthracene	21.92	228	24910720m	231.300	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.80	149	14206443	220.465	ng/ul#	73

SJ 4/24/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042318\
Data File : BM014795.D
Acq On : 24 Apr 2018 02:41
Operator : SJ/JU
Sample : J2431-22MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP3MSD

Manual Integrations
APPROVED

Sohil
4/24/2018 7:13:38 PM

Quant Time: Apr 24 04:33:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 24 02:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Chrysene	21.98	228	23019312m)	228.316	ng/ul	
84) Di-n-octyl phthalate	22.76	149	1199506	10.870	ng/ul#	93
85) Benzo(b)fluoranthene	23.69	252	29066670	257.003	ng/ul#	88
86) Benzo(k)fluoranthene	23.73	252	9517031	87.508	ng/ul#	91
88) Benzo(a)pyrene	24.34	252	18744039	174.715	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	27.03	276	7471253	57.566	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.03	278	2197820	20.112	ng/ul#	88
91) Benzo(a,h,i)perylene	27.83	276	5901517	55.272	ng/ul#	88

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