

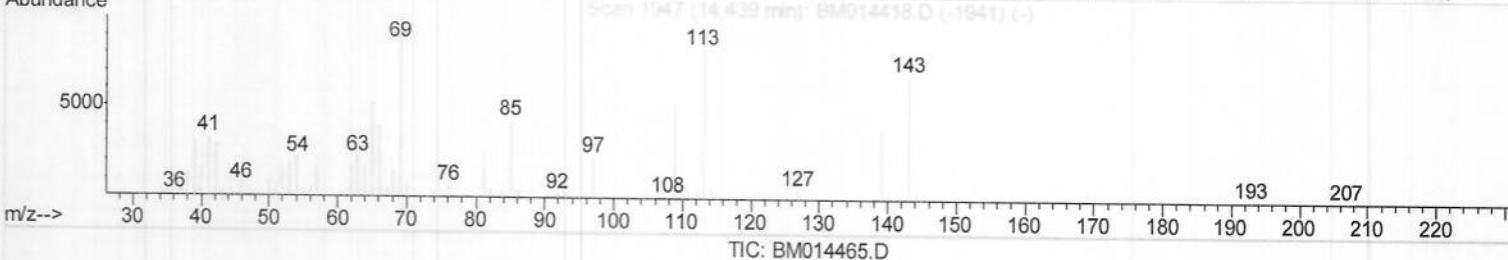
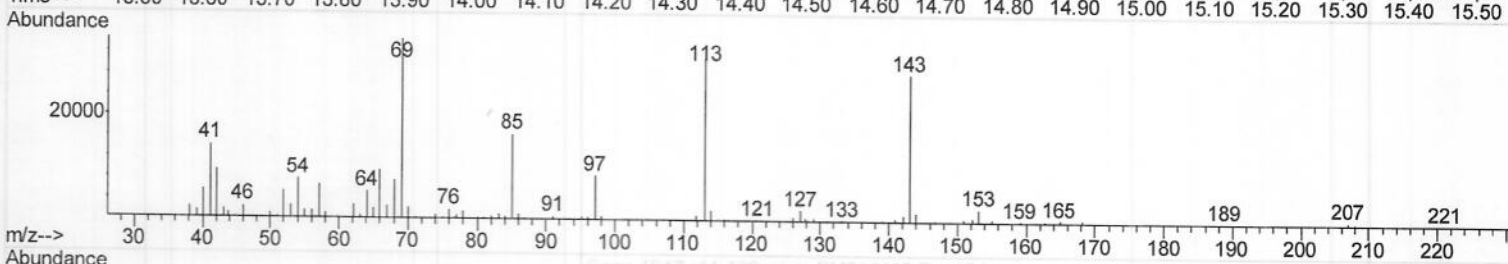
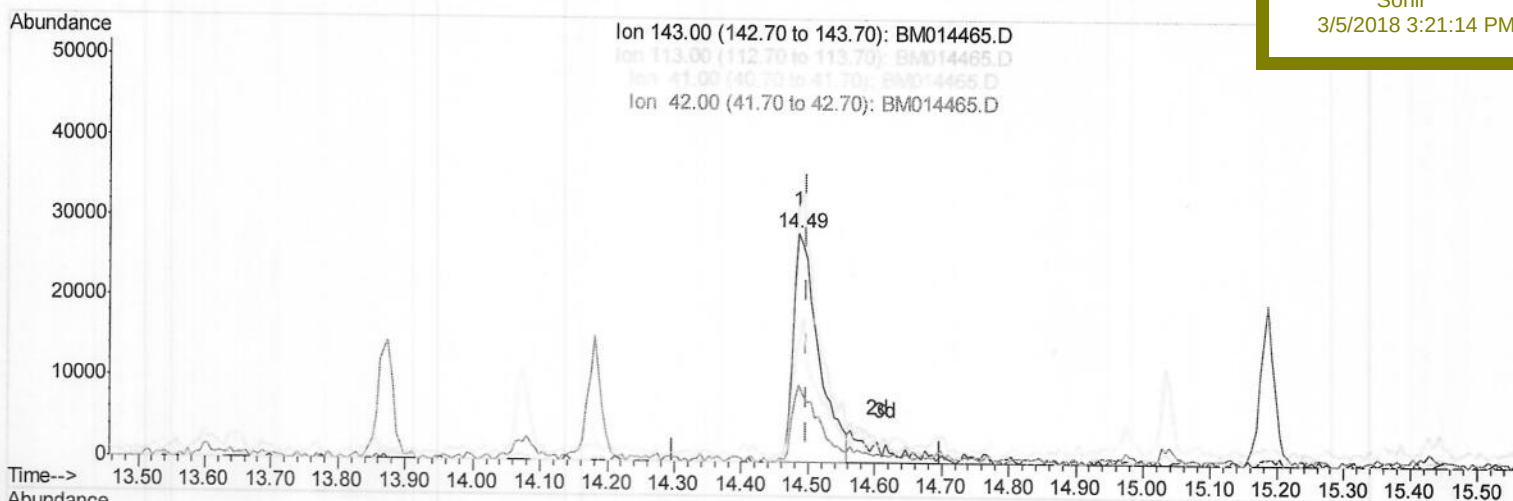
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 08 08:08:56 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

Manual Integrations
APPROVED

Sohil
3/5/2018 3:21:14 PM



(51) 4-Nitrophenol-d4 (S)

14.486min (-0.012) 21.00ng/ul

response 74204

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	110.62
41.00	34.80	50.07#
42.00	20.50	33.24#

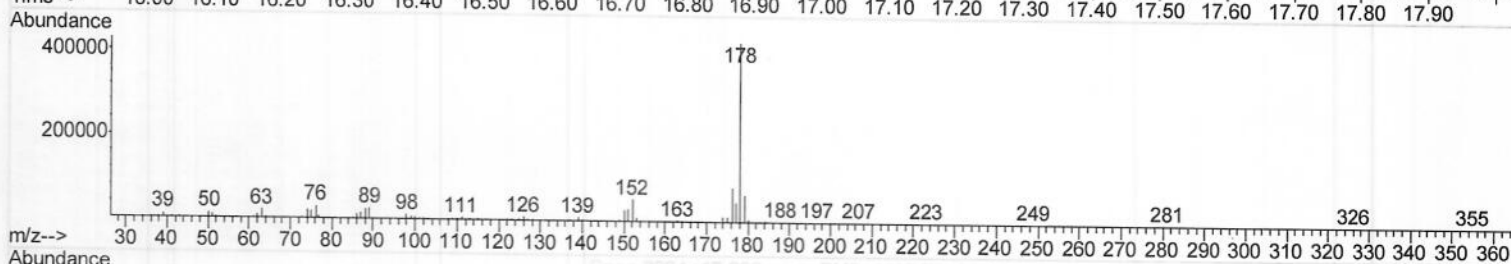
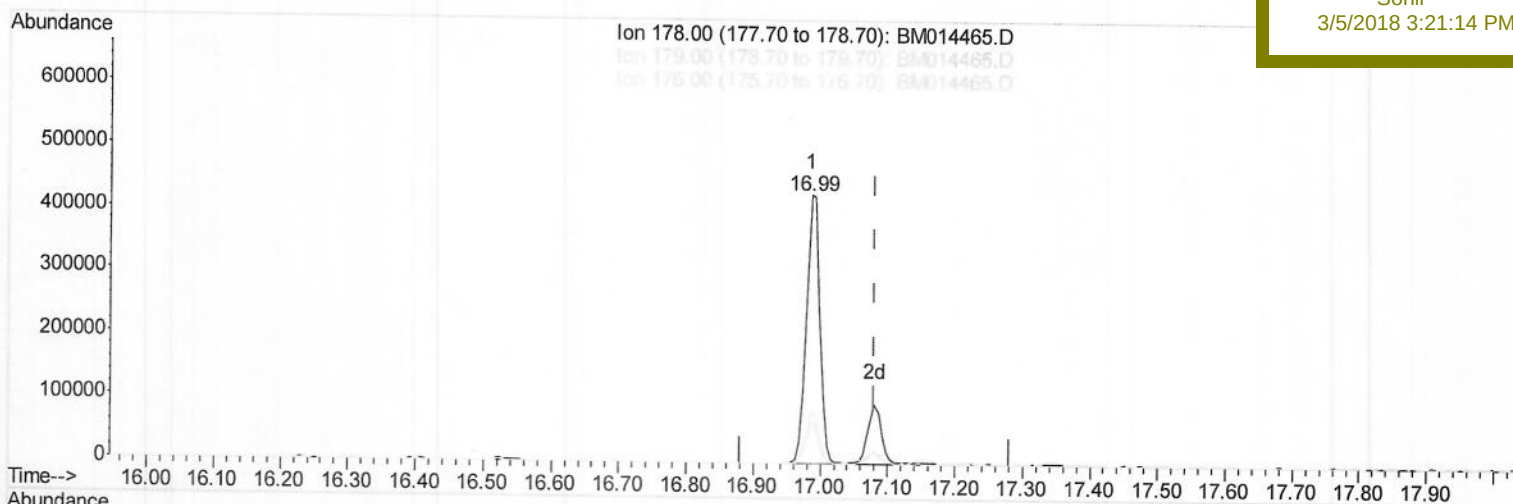
Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19RE
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 08 08:08:56 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 08 07:40:07 2018
Response via : Initial Calibration

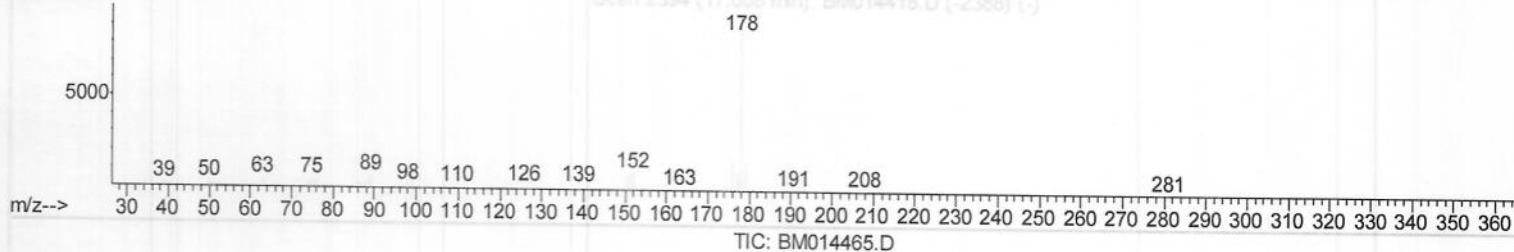
Instrument :
BNA_M
ClientSampleId :
BE5Z2RE

Manual Integrations
APPROVED

Sohil
3/5/2018 3:21:14 PM



Scan 2394 (17.088 min): BM014418.D (-2388) (-)



(71) Anthracene

16.986min (-0.094) 14.98ng/ul

response 591582

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	15.07
176.00	18.20	19.19
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 08 08:08:56 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

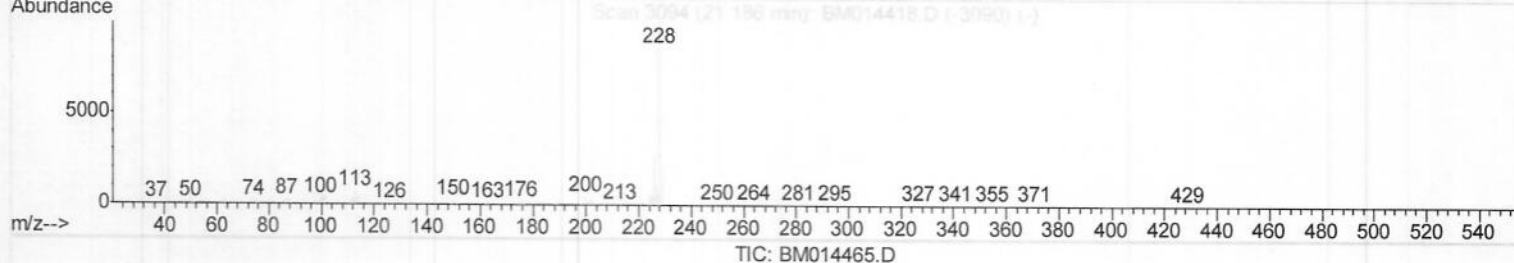
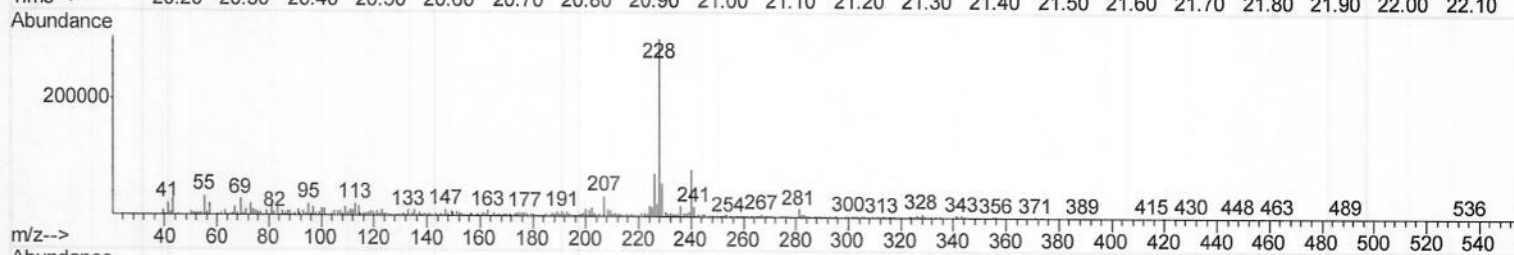
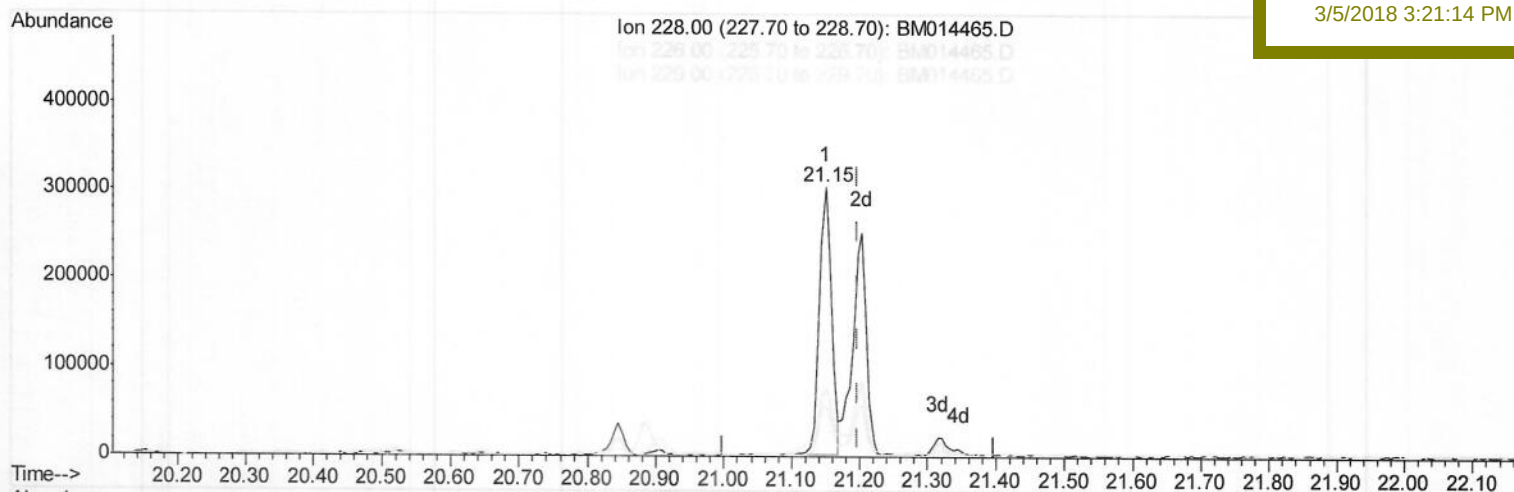
ClientSampleId :

BE5Z2RE

Manual Integrations
APPROVED

Sohil

3/5/2018 3:21:14 PM



(82) Chrysene

21.150min (-0.047) 13.24ng/ul

response 377875

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	24.80
229.00	19.40	19.33
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 08 08:08:56 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Mar 08 07:40:07 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

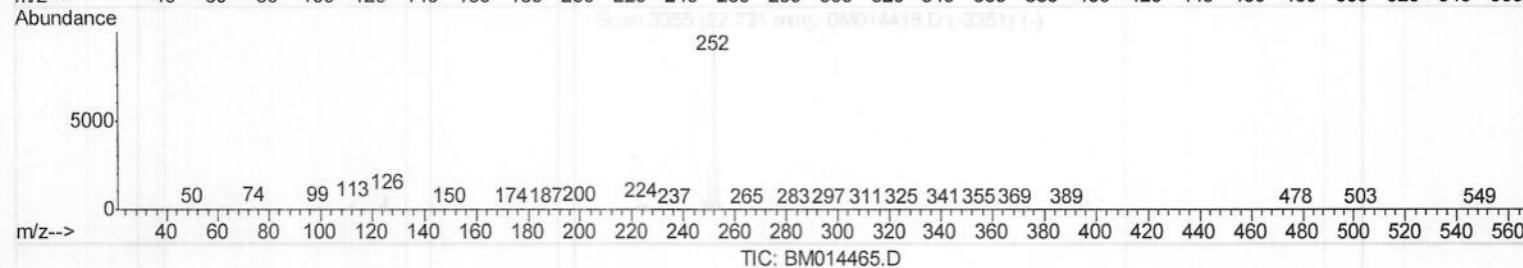
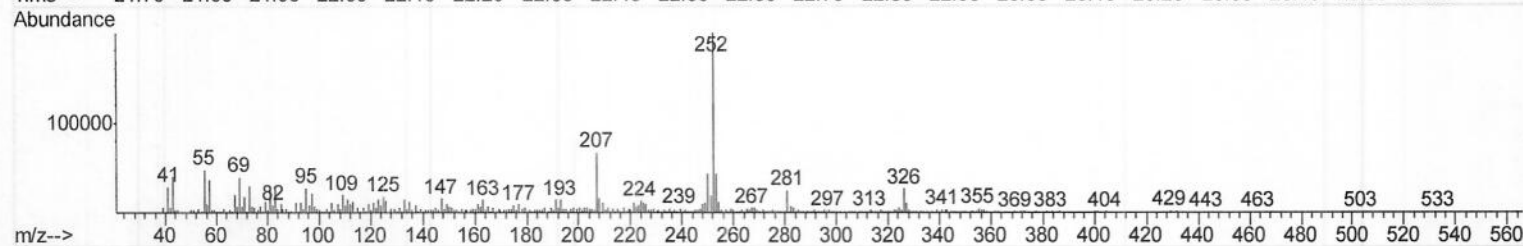
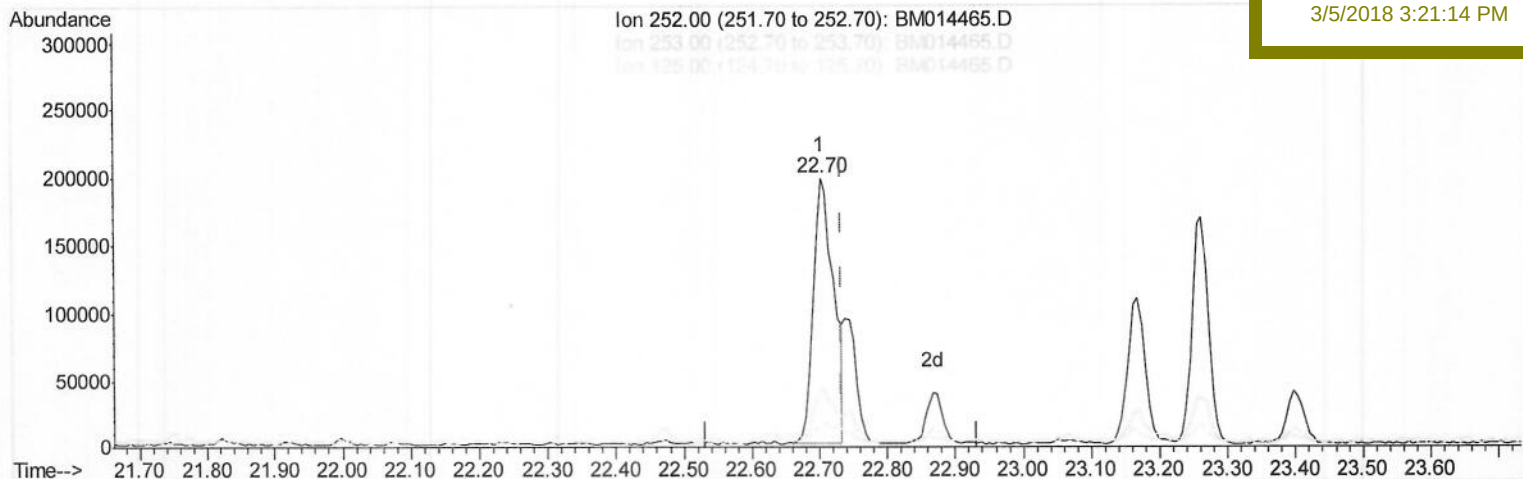
BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM



(86) Benzo(k)fluoranthene

22.703min (-0.030) 15.65ng/ul

response 413272

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.21
125.00	4.30	9.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

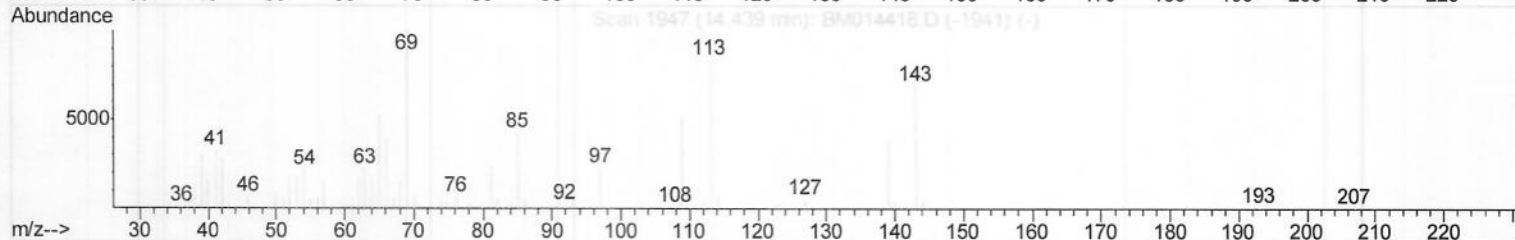
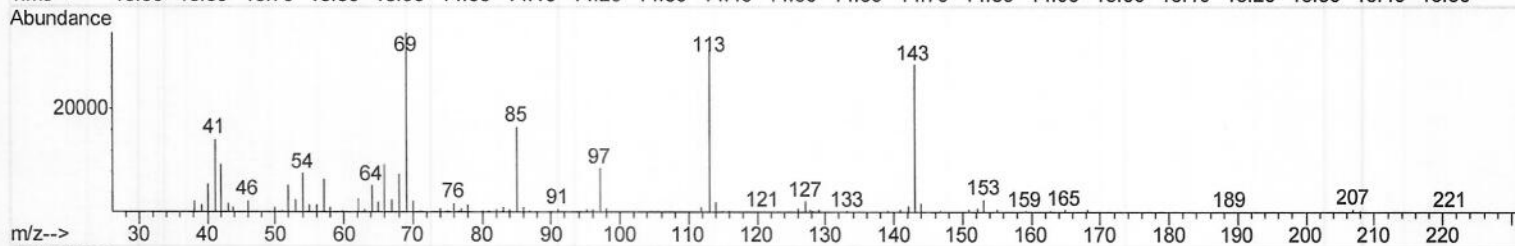
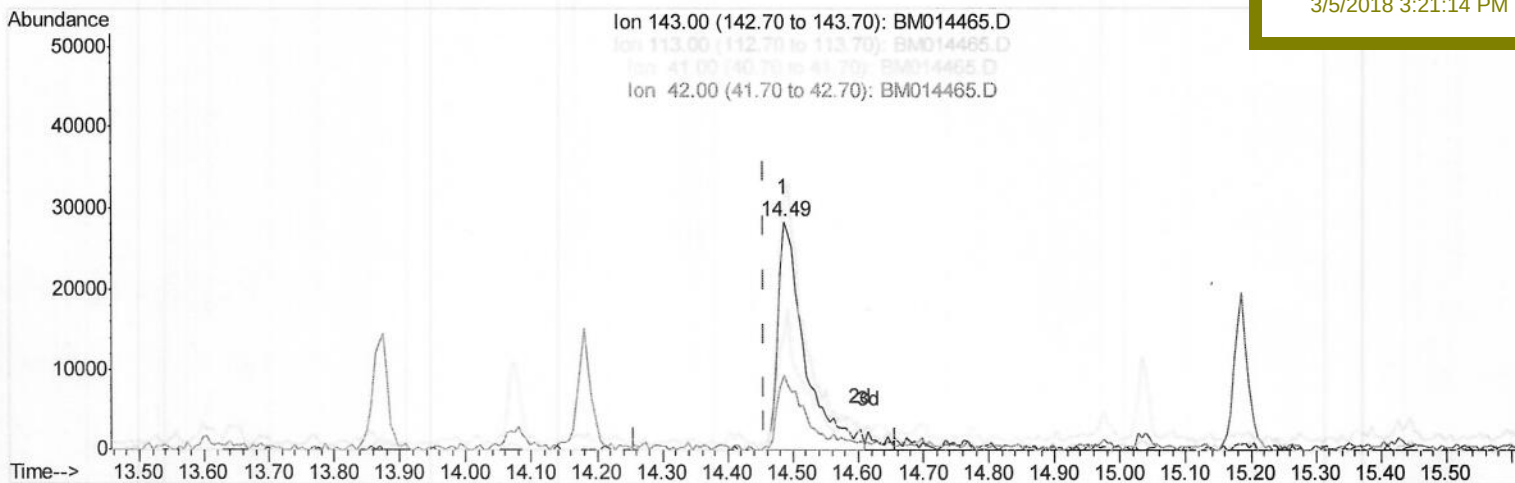
BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM



TIC: BM014465.D

(51) 4-Nitrophenol-d4 (S)

14.486min (+0.030) 23.13ng/ul m) JU03109118

response 81705

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	110.62
41.00	34.80	50.07#
42.00	20.50	33.24#

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

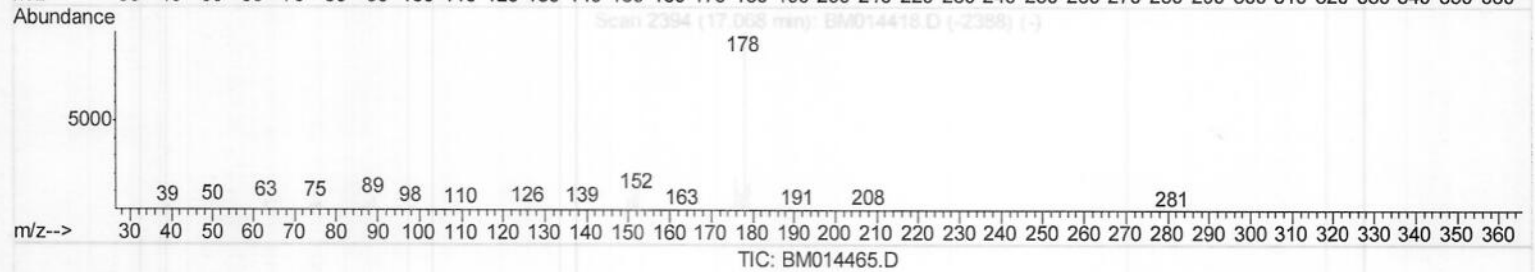
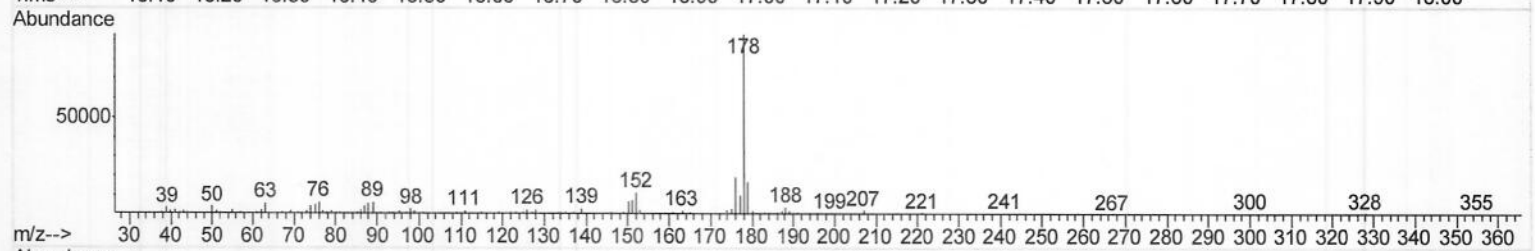
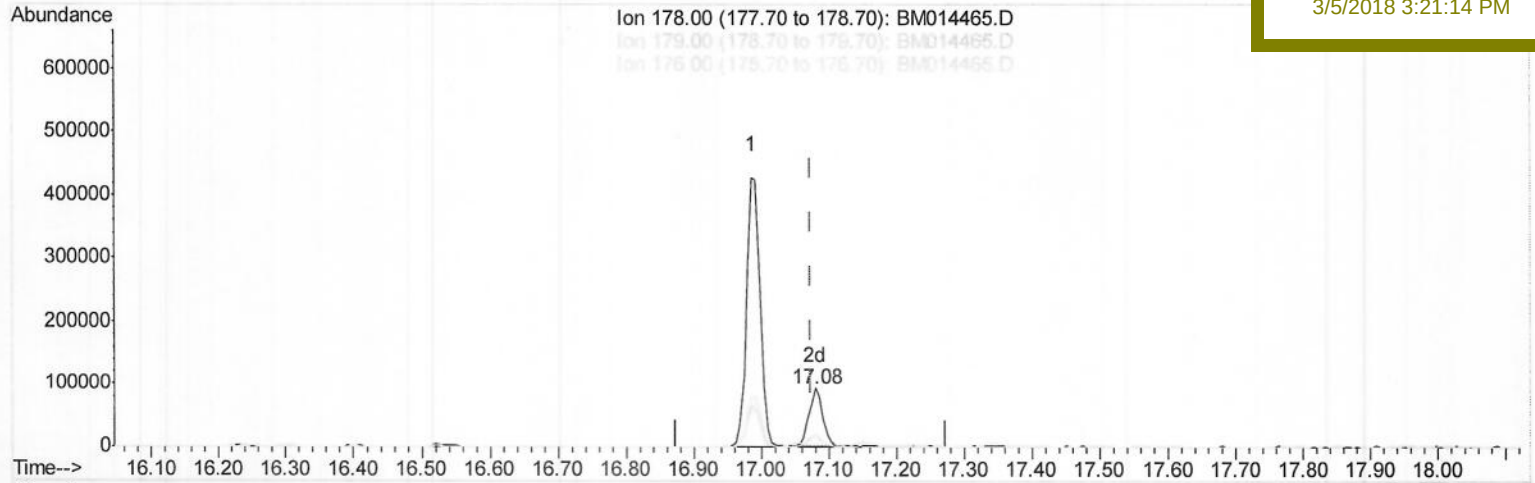
BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM



(71) Anthracene

17.080min (+0.006) 3.20ng/ul m SJU03109118

response 126498

Ion	Exp%	Act%
178.00	100	100
179.00	14.60	17.87#
176.00	18.20	20.68
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

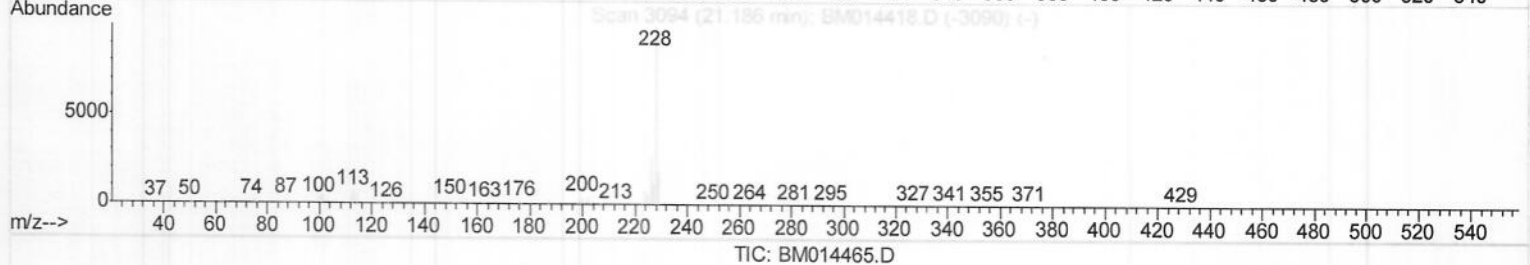
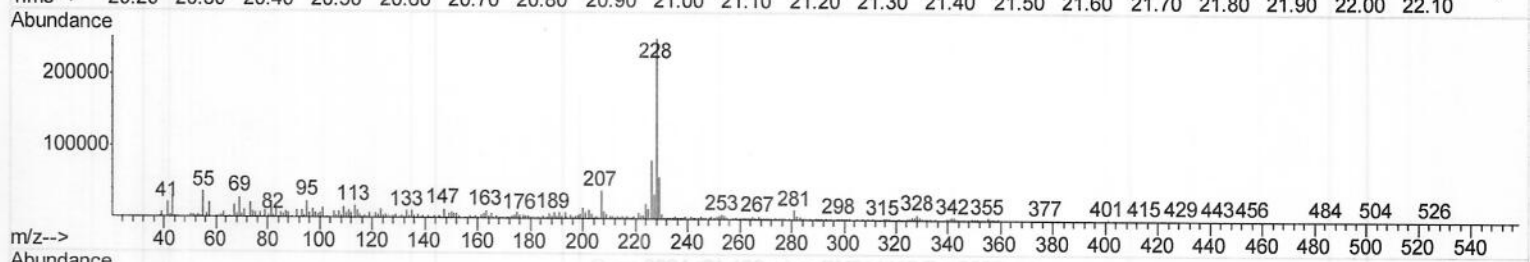
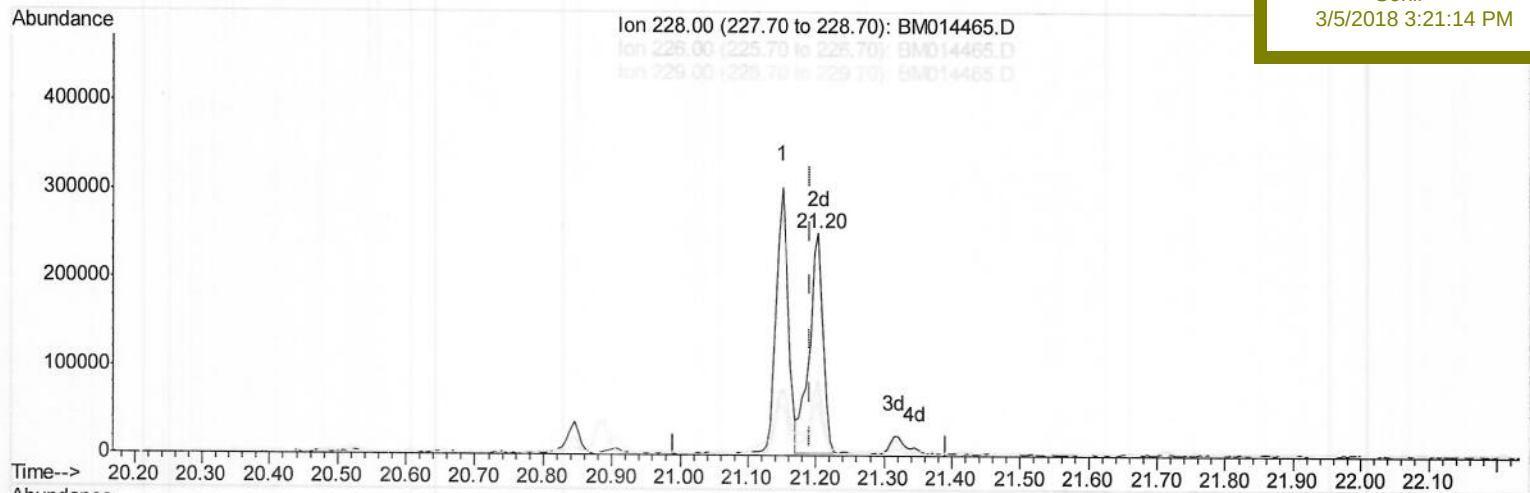
BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM



(82) Chrysene

21.203min (+0.012) 12.61ng/ul m J1678-19RE

response 360016

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	33.23
229.00	19.40	23.50#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

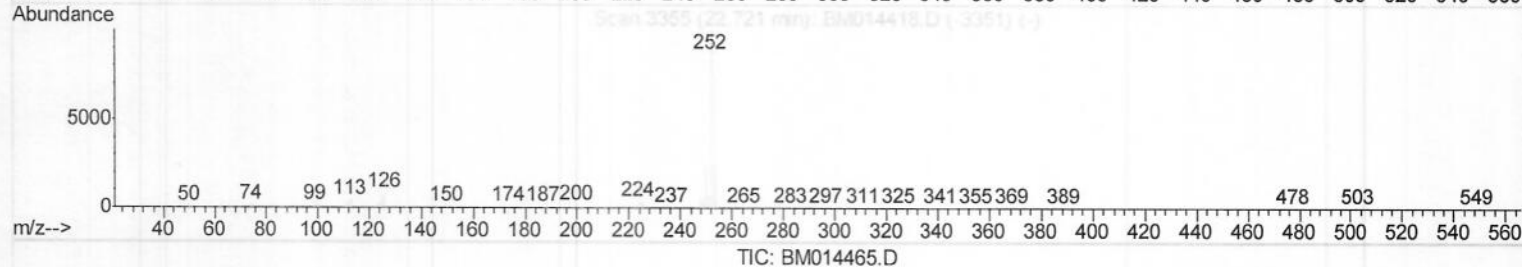
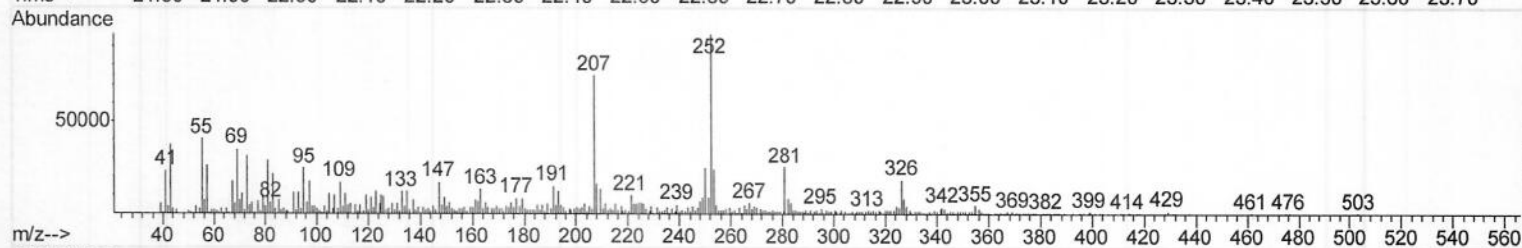
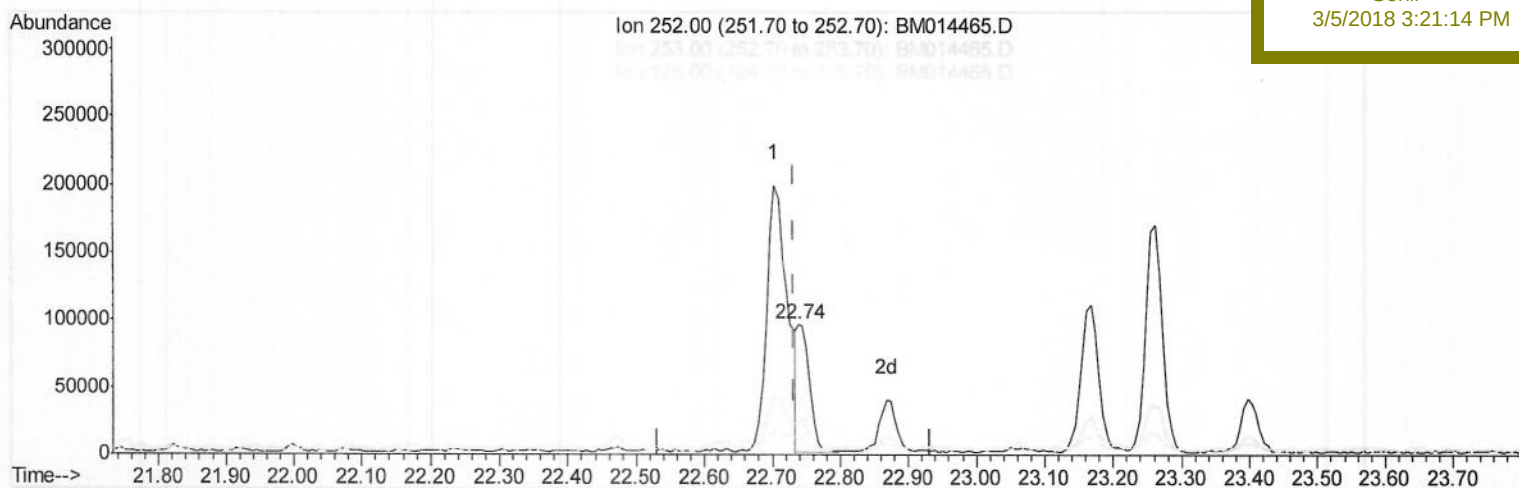
ClientSampleId :

BE5Z2RE

Manual Integrations
APPROVED

Sohil

3/5/2018 3:21:14 PM



(86) Benzo(k)fluoranthene

22.739min (+0.006) 4.68ng/ul m 53003109118

response 123531

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.99
125.00	4.30	10.31#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	123632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	554859	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	309841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	681454	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	490382	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	414771	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8682	3.01	ng/uL	0.00
5) Phenol-d5	6.73	99	267848	25.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	164895	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	220786	27.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	218742	23.92	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	118160	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	121420	28.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	224961	25.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	195579	22.58	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	764809	29.89	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	945419	29.96	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	81705m)	23.13	ng/ul	0.03
57) Fluorene-d10	15.19	176	631101	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	8425	2.06	ng/ul	0.02
70) Anthracene-d10	17.04	188	915498	27.85	ng/ul	0.00
76) Pyrene-d10	19.36	212	889721	35.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	576516	28.56	ng/ul	0.02

Target Compounds

						Ovalue
44) Dimethylphthalate	13.65	163	118199	4.685	ng/ul	98
47) Acenaphthylene	13.90	152	58308	1.955	ng/ul	98
49) Acenaphthene	14.24	153	30037	1.430	ng/ul	88
69) Phenanthrene	16.99	178	591582	15.067	ng/ul	98
71) Anthracene	17.08	178	126498m)	3.204	ng/ul	
72) Carbazole	17.37	167	50183	1.511	ng/ul	97
74) Fluoranthene	19.02	202	912099	19.444	ng/ul#	96
77) Pvrene	19.39	202	852243	26.151	ng/ul#	97
80) Benzo(a)anthracene	21.15	228	377875	12.347	ng/ul	98
82) Chrysene	21.20	228	360016m)	12.610	ng/ul	
85) Benzo(b)fluoranthene	22.70	252	413272	14.881	ng/ul#	97
86) Benzo(k)fluoranthene	22.74	252	123531m)	4.678	ng/ul	
88) Benzo(a)pyrene	23.26	252	286936	11.562	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.54	276	177406	7.367	ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	52865	2.642	ng/ul#	74
91) Benzo(g,h,i)perylene	26.21	276	143825	7.372	ng/ul#	87

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

Data Path : Z:\HPCHEM1\BNA M\Data\BM030218\

Data File : BM014465.D

Acq On : 02 Mar 2018 17:07

Operator : SJ/JU

Sample : J1678-19RE

Misc :

ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 03 00:06:29 2018

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 02 22:33:42 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

BE5Z2RE

Manual Integrations

APPROVED

Sohil

3/5/2018 3:21:14 PM

