

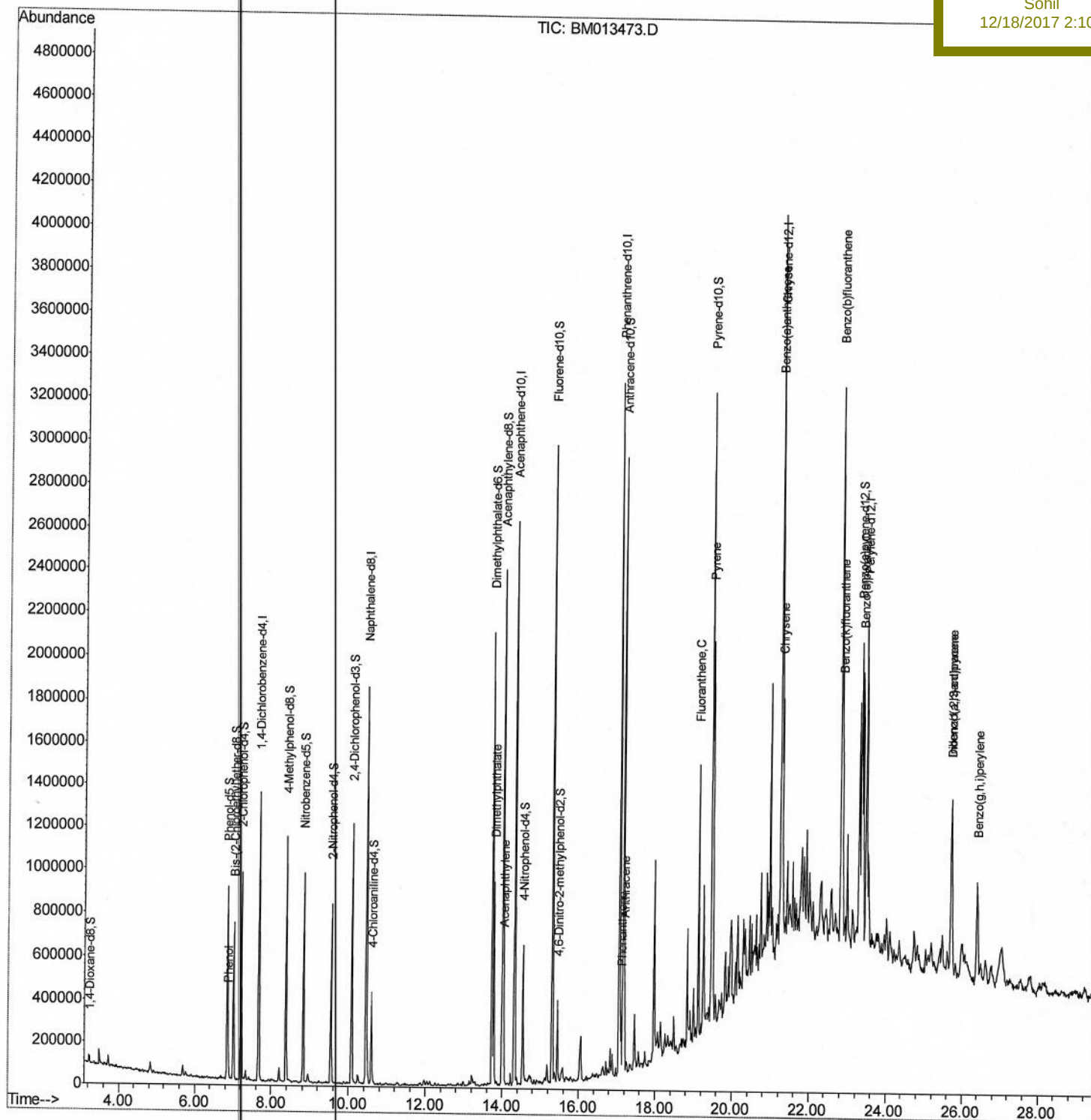
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 21 18:02:16 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
F9A67

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:39 PM



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013473.D

Acq On : 16 Dec 2017 11:46

Operator : SJ/JU

Sample : I6778-02

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

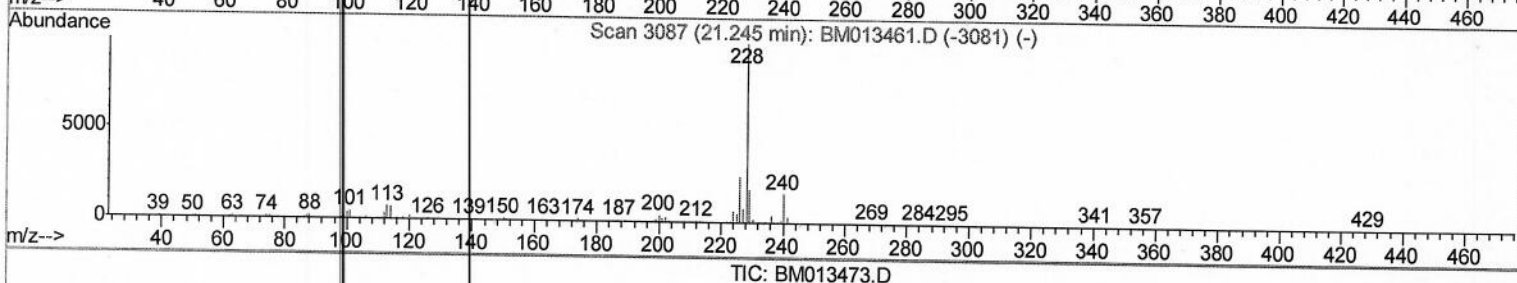
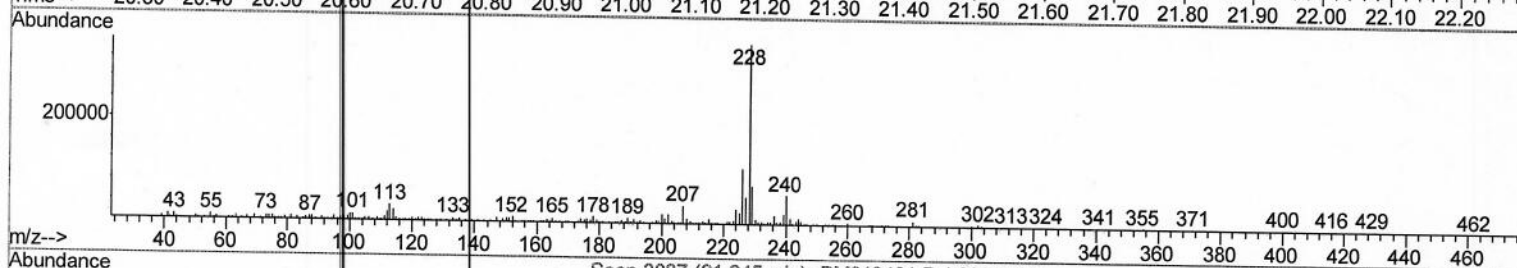
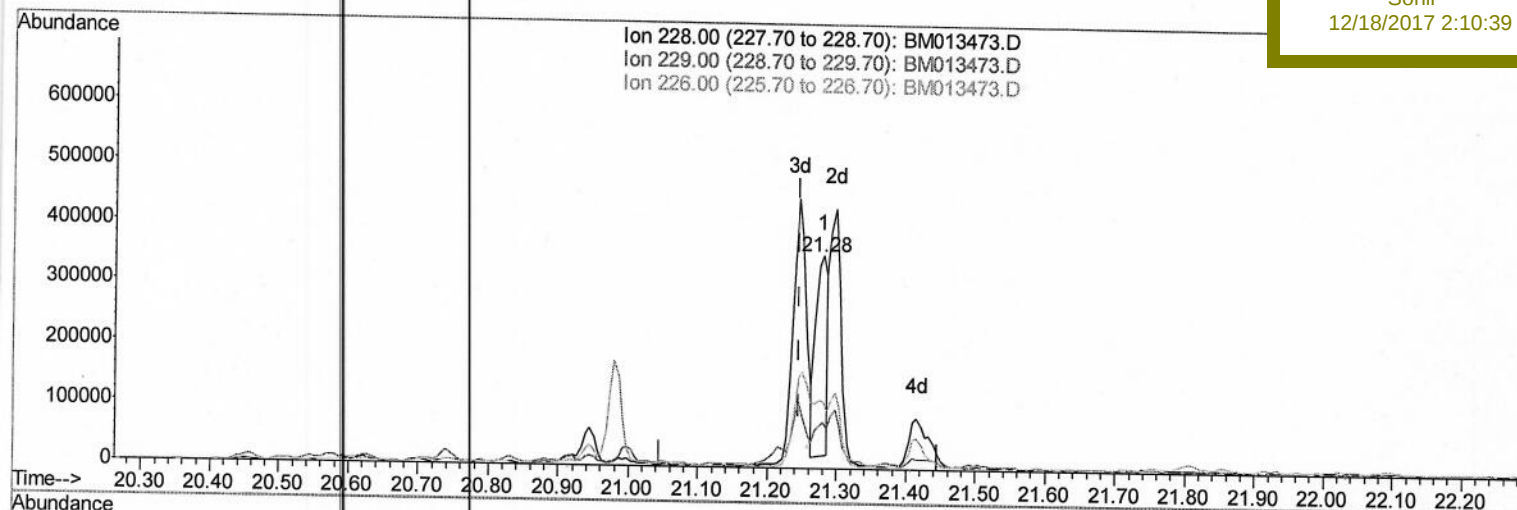
F9A67

Manual Integrations

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Sohil

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(80) Benzo(a)anthracene

21.280min (+0.035) 5.00ng/ul

response 411158

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	21.30
226.00	26.70	31.23
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

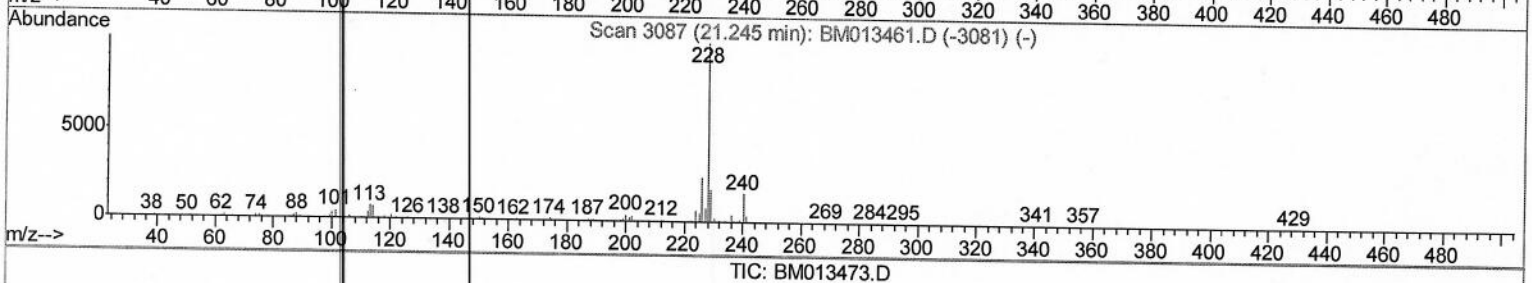
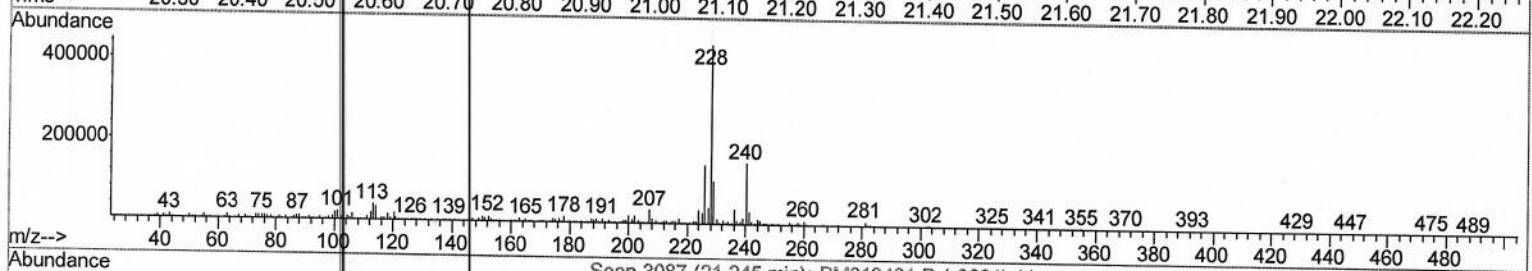
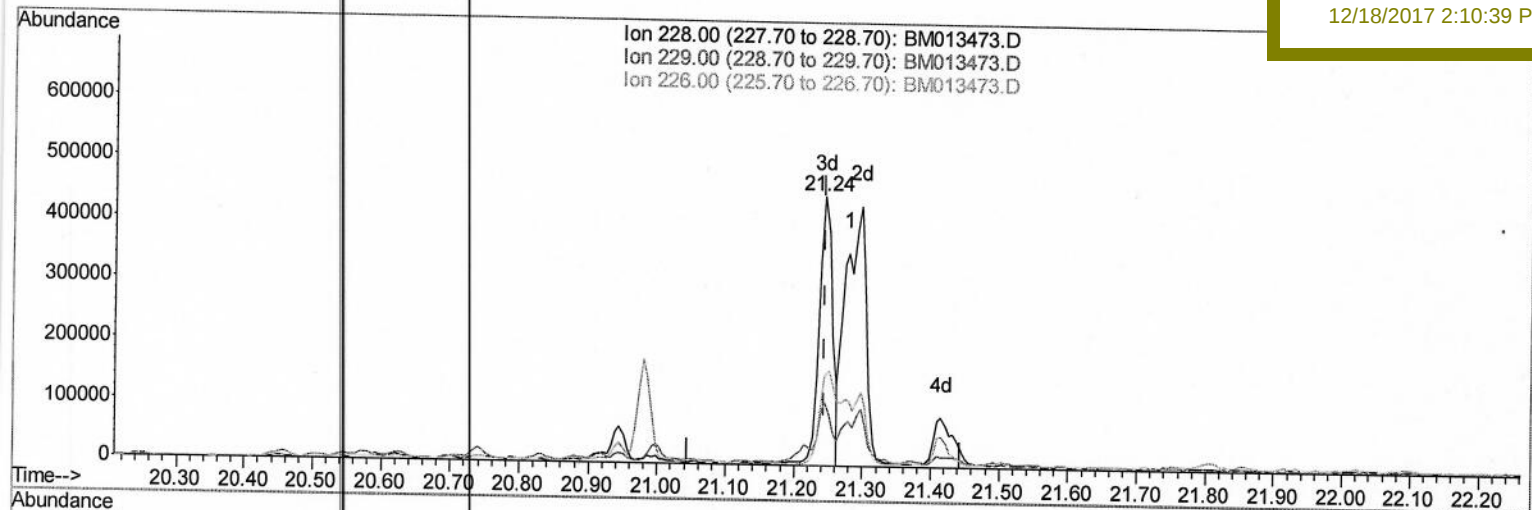
Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A67

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:39 PM



(80) Benzo(a)anthracene

21.244min (-0.000) 7.45ng/ul m

response 612975

Ion	Exp%	Act%
228.00	100	100
229.00	19.20	24.07#
226.00	26.70	32.99#
0.00	0.00	0.00

JU 12/15/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Quantitation Report (Qedit)

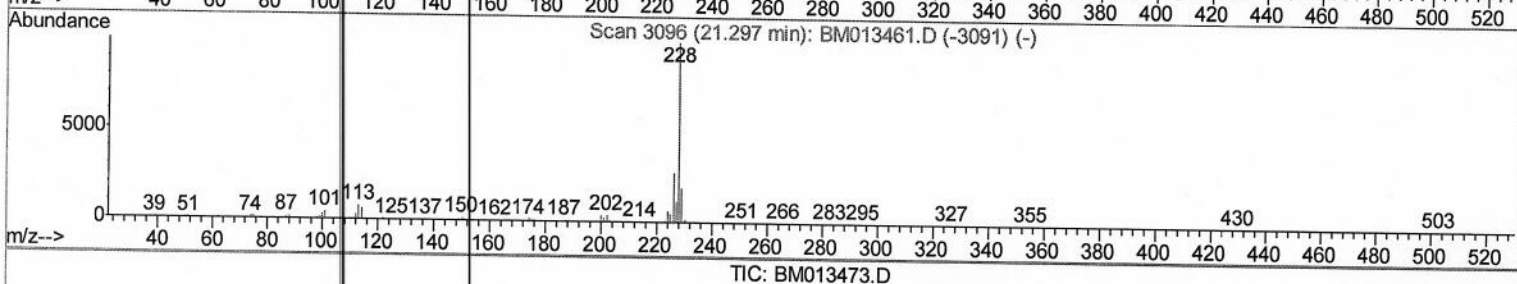
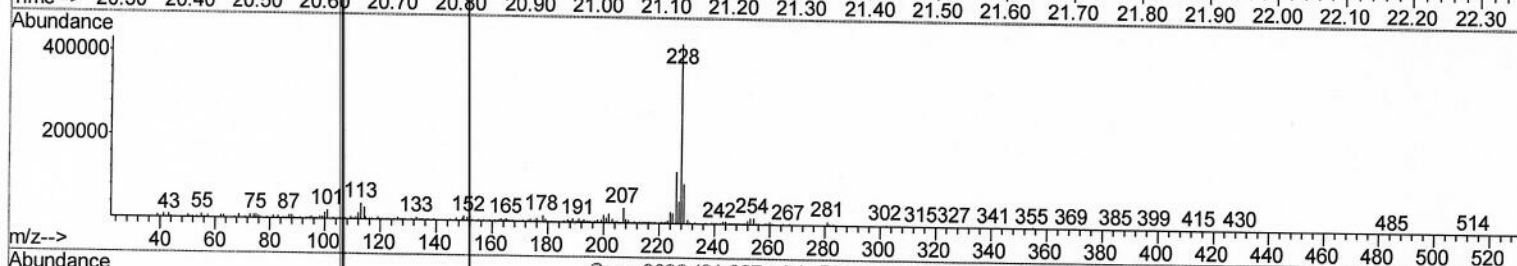
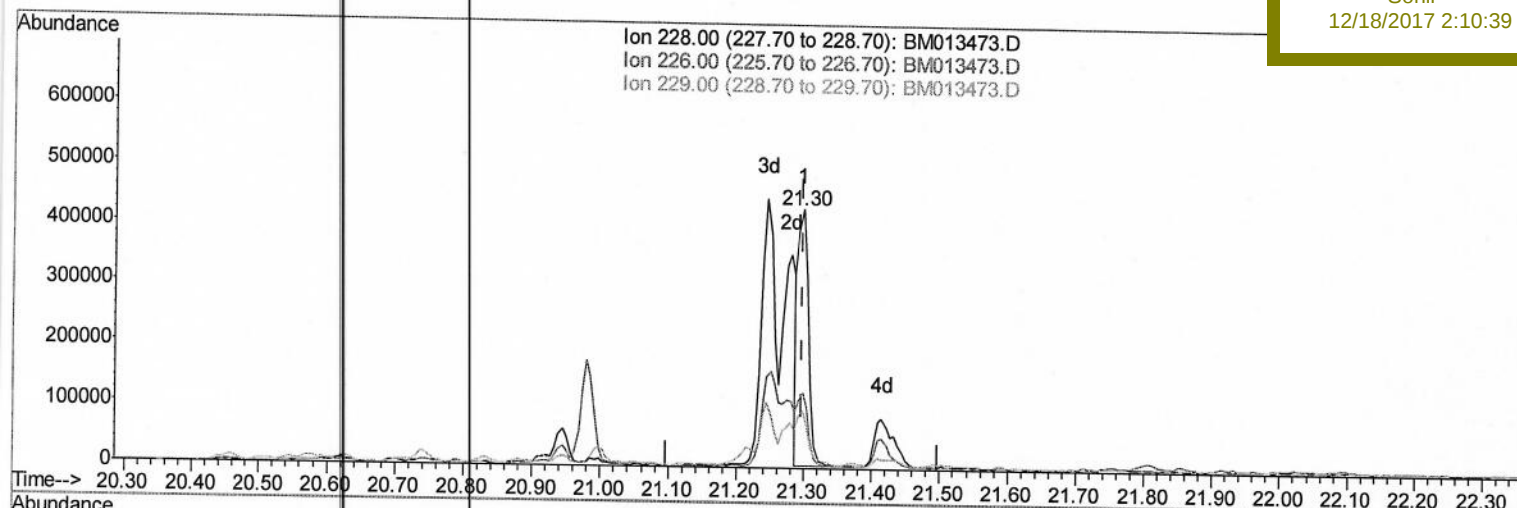
Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F9A67

Manual Integrations
APPROVED

Sohil
12/18/2017 2:10:39 PM



(82) Chrysene

21.297min (-0.000) 6.03ng/ul

response 459963

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.00
229.00	19.40	22.16
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013473.D

Acq On : 16 Dec 2017 11:46

Operator : SJ/JU

Sample : I6778-02

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

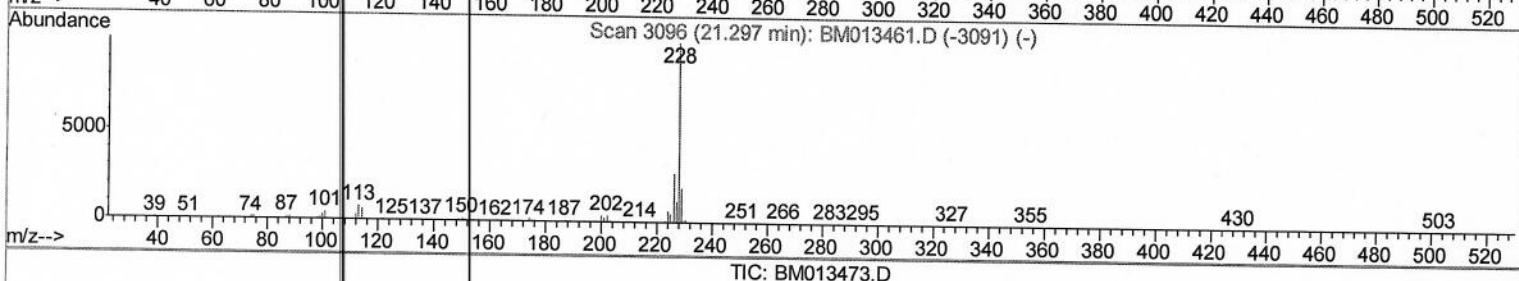
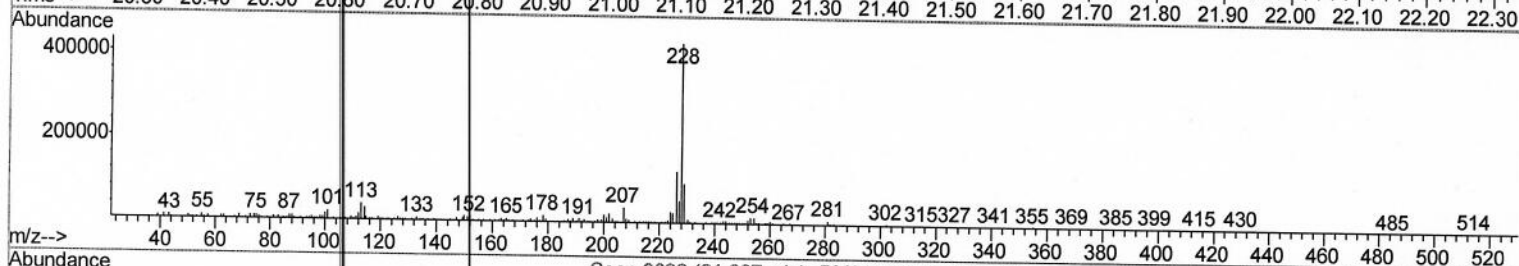
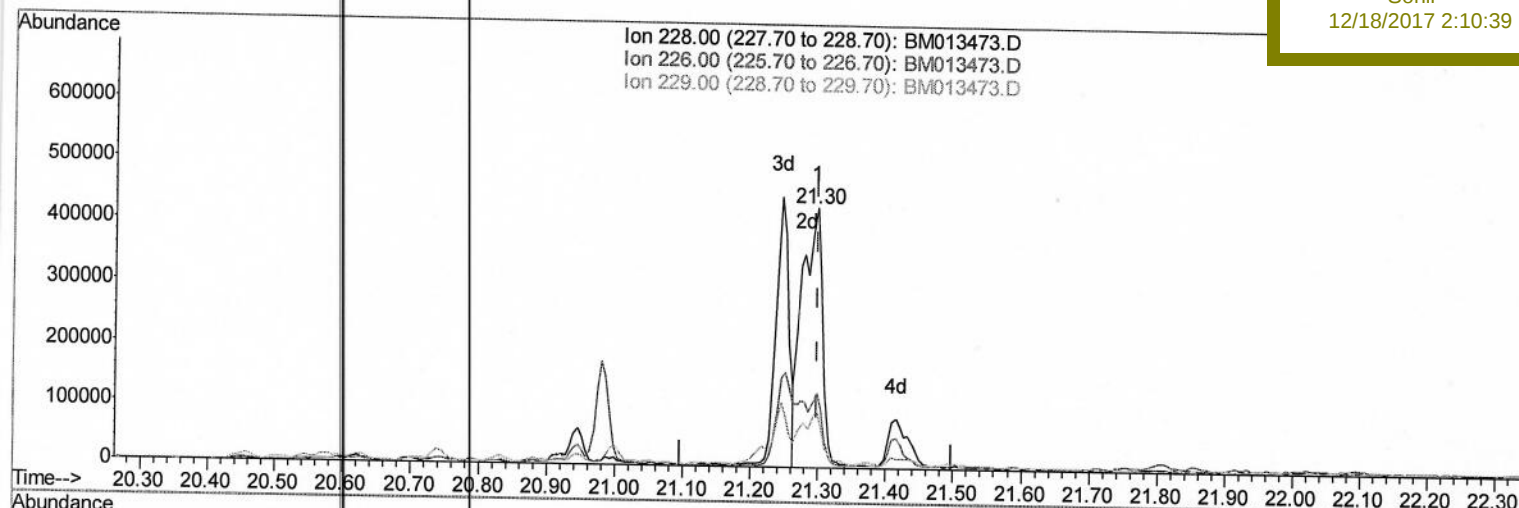
F9A67

Manual Integrations

APPROVED

Sohil

12/18/2017 2:10:39 PM



(82) Chrysene

21.297min (-0.000) 11.92ng/ul m

response 909922

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	29.00
229.00	19.40	22.16
0.00	0.00	0.00

JU 12/15/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013473.D

Acq On : 16 Dec 2017 11:46

Operator : SJ/JU

Sample : I6778-02

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

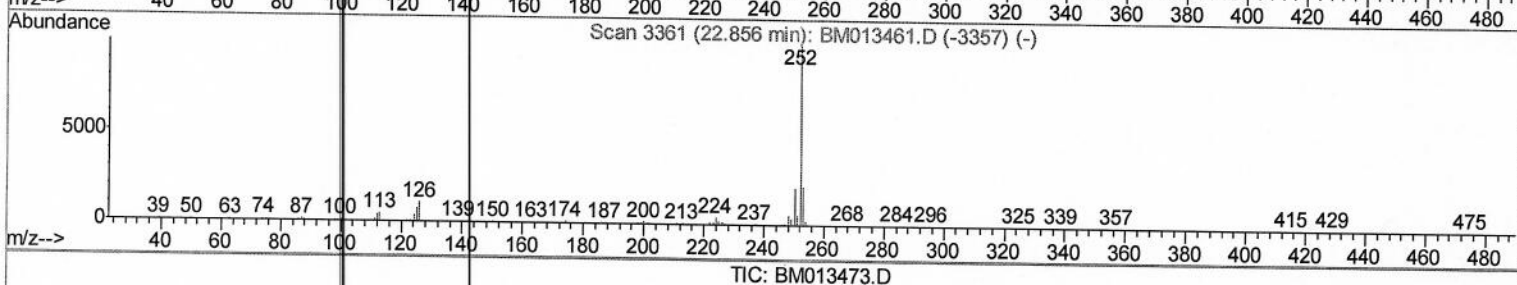
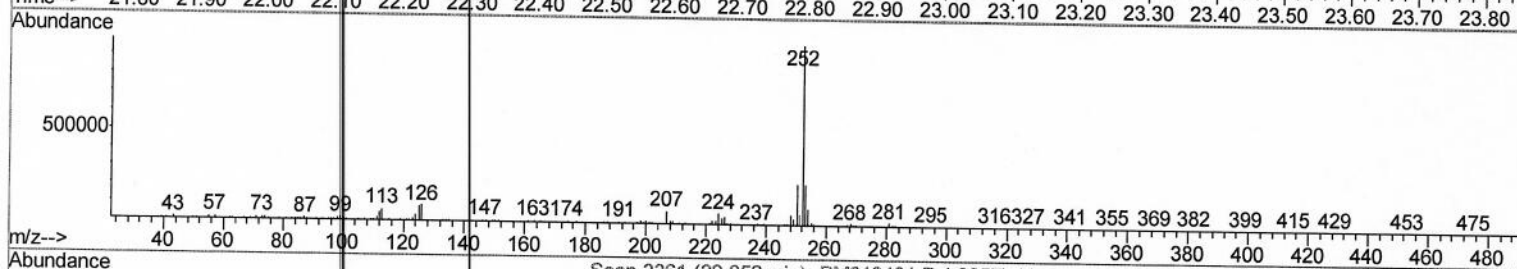
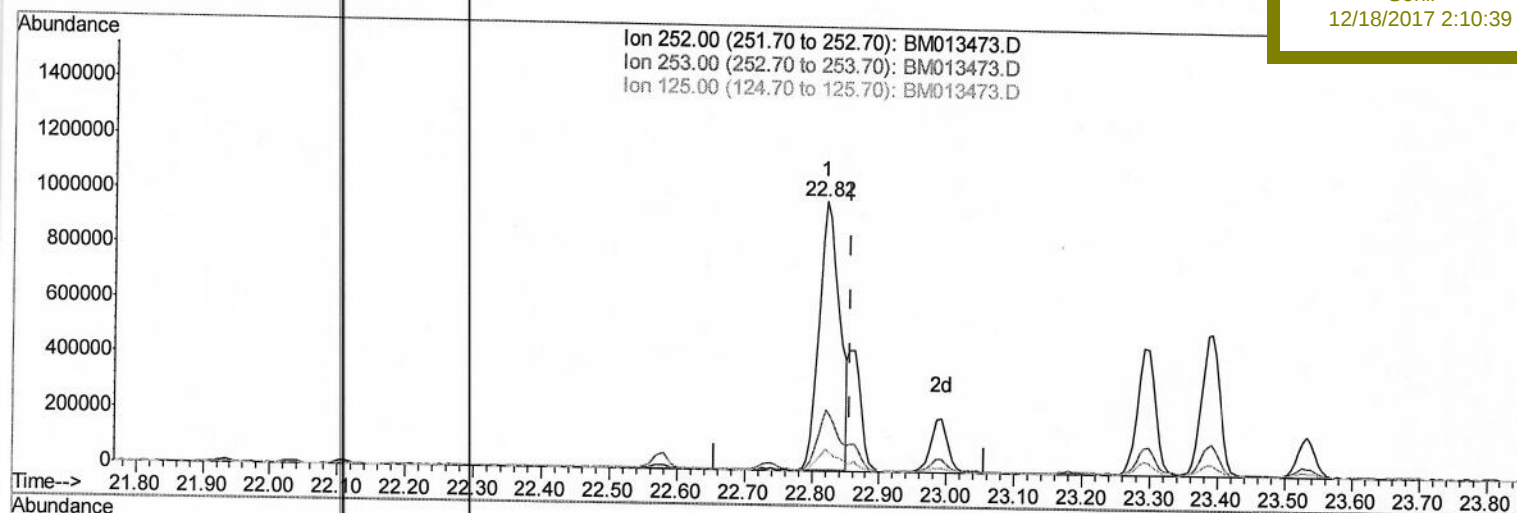
F9A67

Manual Integrations

APPROVED

Sohil

12/18/2017 2:10:39 PM



(86) Benzo(k)fluoranthene

22.821min (-0.036) 29.45ng/ul

response 2079680

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.52
125.00	4.30	8.22#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Qedit)

Data File : BM013473.D

Acq On : 16 Dec 2017 11:46

Operator : SJ/JU

Sample : I6778-02

Misc :

ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 18 00:30:38 2017

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration

Instrument :

BNA_M

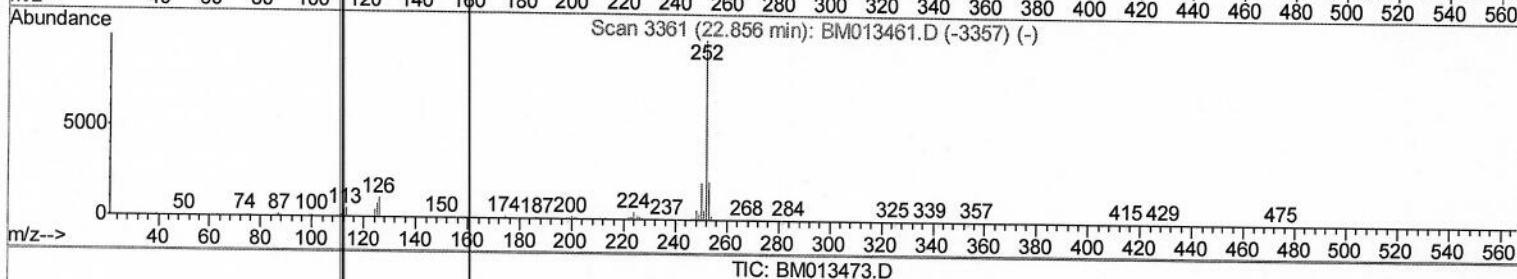
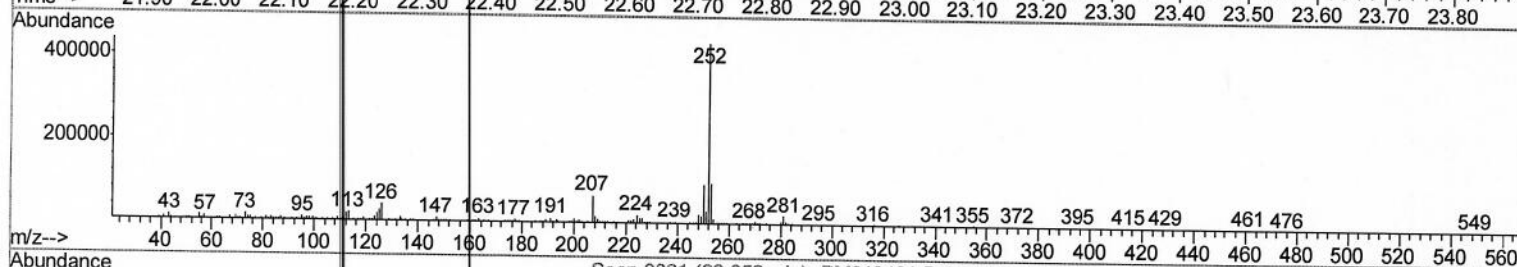
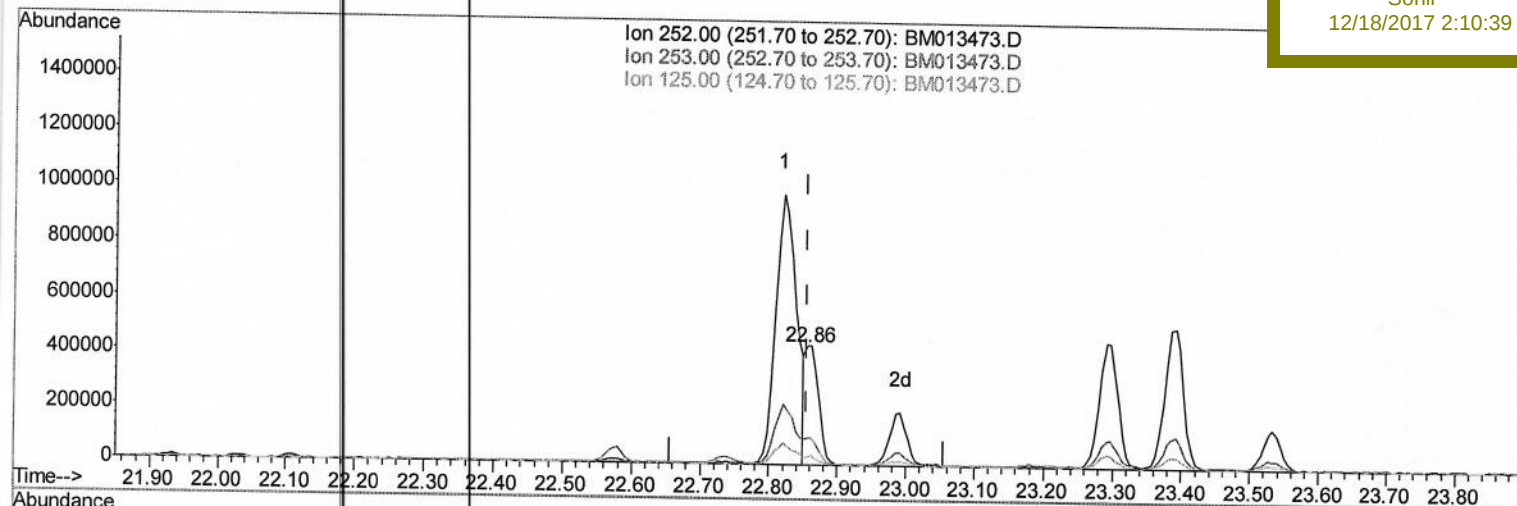
ClientSampleId :

F9A67

Manual Integrations
APPROVED

Sohil

12/18/2017 2:10:39 PM



(86) Benzo(k)fluoranthene

22.856min (-0.000) 7.87ng/ul m

response 555616

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.98
125.00	4.30	6.57#
0.00	0.00	0.00

SU 12/15/17

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013473.D
 Acq On : 16 Dec 2017 11:46
 Operator : SJ/JU
 Sample : I6778-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 Client Sample ID :
 F9A67

Manual Integrations
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 12/18/2017 2:10:39 PM

Quant Time: Dec 21 18:02:16 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 16 00:23:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1472228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	838340	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1770613	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1296504	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1113202	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21109	3.09	ng/uL	0.00
5) Phenol-d5	6.85	99	487746	16.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	301080	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	408852	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	403171	16.12	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	215617	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	241467	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	428329	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	226270	9.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1332129	17.86	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1657329	18.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	160805	12.41	ng/ul	0.00
57) Fluorene-d10	15.32	176	1108951	17.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	78834	7.08	ng/ul	0.00
70) Anthracene-d10	17.17	188	1574655	17.76	ng/ul	0.00
76) Pyrene-d10	19.47	212	1432354	22.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	923494	16.29	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.88	94	64603	2.232	ng/ul#	86
44) Dimethylphthalate	13.78	163	544544	7.632	ng/ul	99
47) Acenaphthylene	14.04	152	330621	3.881	ng/ul	99
69) Phenanthrene	17.11	178	171214	1.702	ng/ul	98
71) Anthracene	17.20	178	298404	2.902	ng/ul	97
74) Fluoranthene	19.13	202	739949	6.003	ng/ul#	92
77) Pyrene	19.50	202	1111216	14.108	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	612975m	7.452	ng/ul	
82) Chrysene	21.30	228	909922m	11.923	ng/ul	
85) Benzo(b)fluoranthene	22.82	252	2079680	27.713	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	555616m	7.868	ng/ul	
88) Benzo(a)pyrene	23.39	252	949498	14.085	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	725236	10.843	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.71	278	206004	3.617	ng/ul#	91
91) Benzo(g,h,i)perylene	26.40	276	536535	10.169	ng/ul#	96

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