

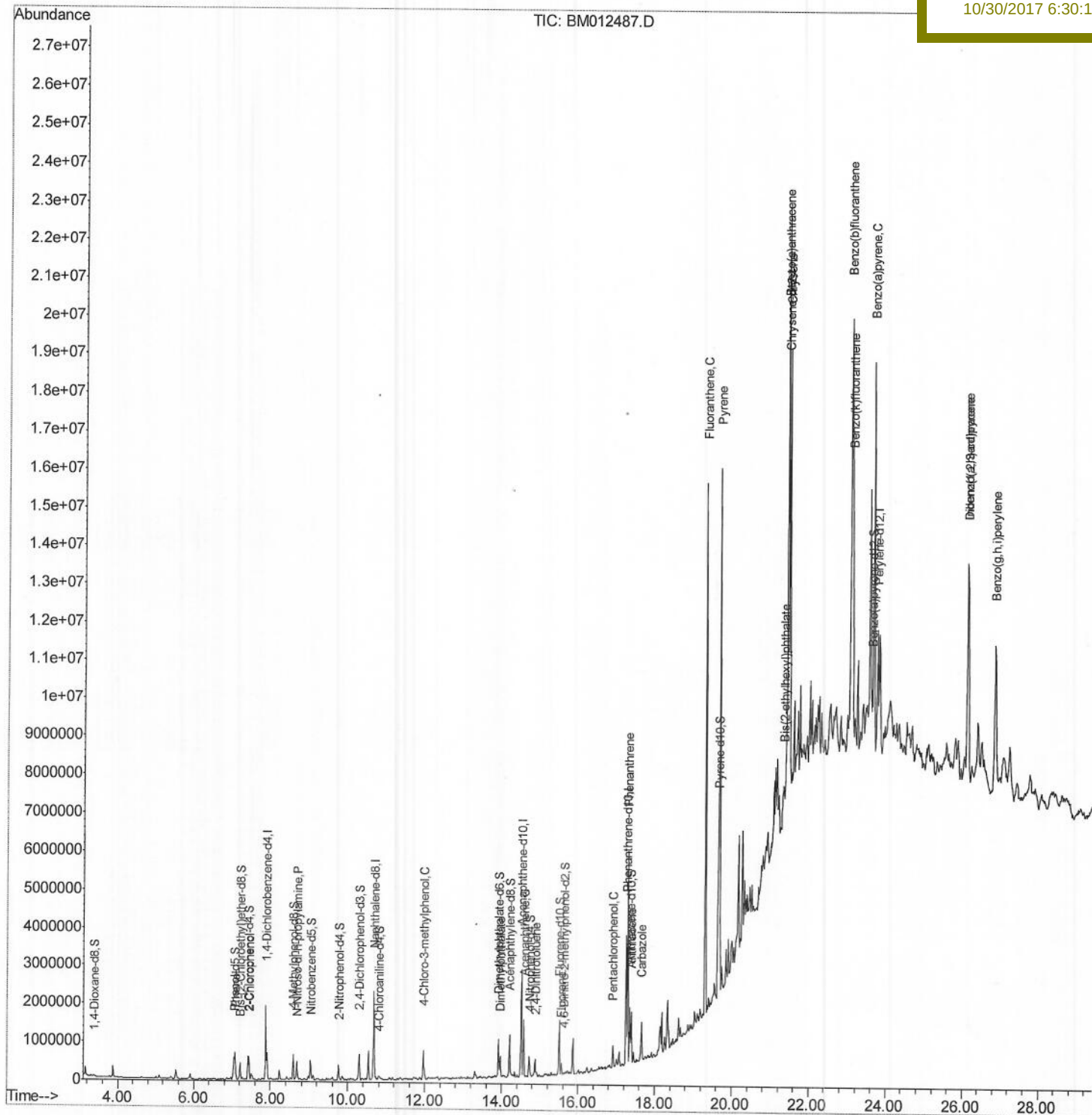
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012487.D
 Acq On : 27 Oct 2017 15:31
 Operator : SJ/JU
 Sample : I5719-09MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 28 01:32:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 Client Sampled :
 B-25(0.5-1.5)-100517MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:16 PM



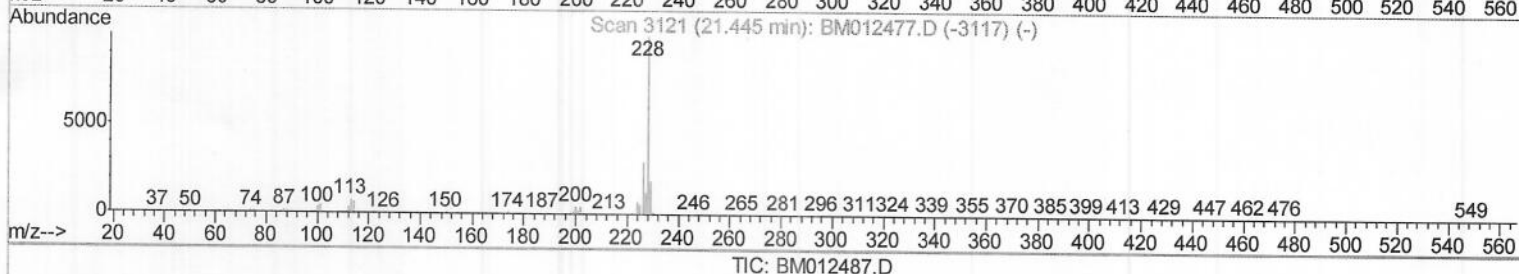
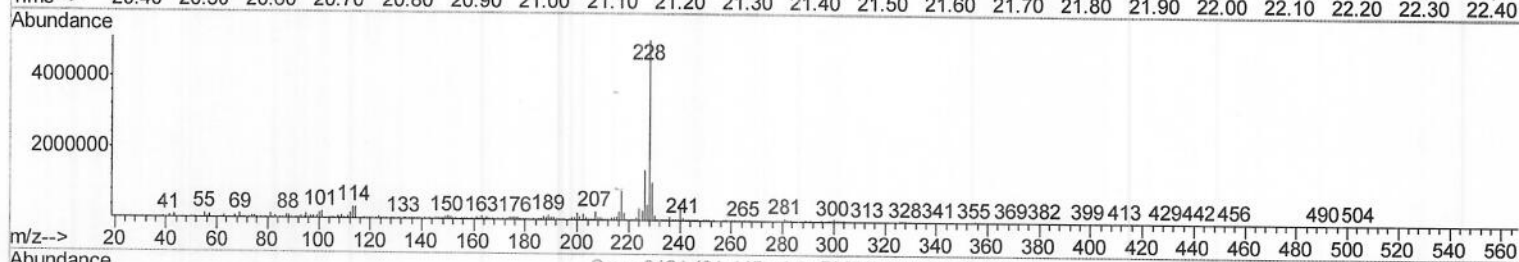
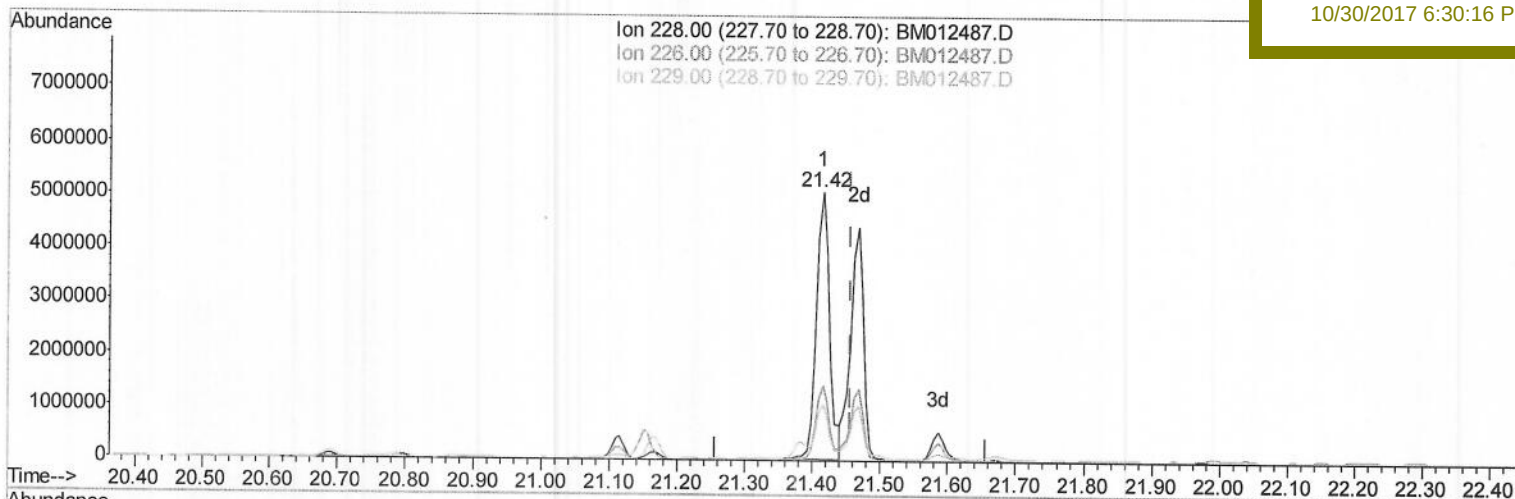
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012487.D
Acq On : 27 Oct 2017 15:31
Operator : SJ/JU
Sample : I5719-09MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 28 00:17:51 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Instrument :
BNA_M
Client Sample Id :
B-25(0.5-1.5)-100517MSD

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:16 PM



(82) Chrysene

21.415min (-0.041) 57.62ng/ul

response 6796866

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.09
229.00	19.40	21.04
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\

Data File : BM012487.D

Acq On : 27 Oct 2017 15:31

Operator : SJ/JU

Sample : I5719-09MSD 2X

Misc :

ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 28 00:17:51 2017

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Oct 26 09:35:31 2017

Response via : Initial Calibration

Instrument :

BNA_M

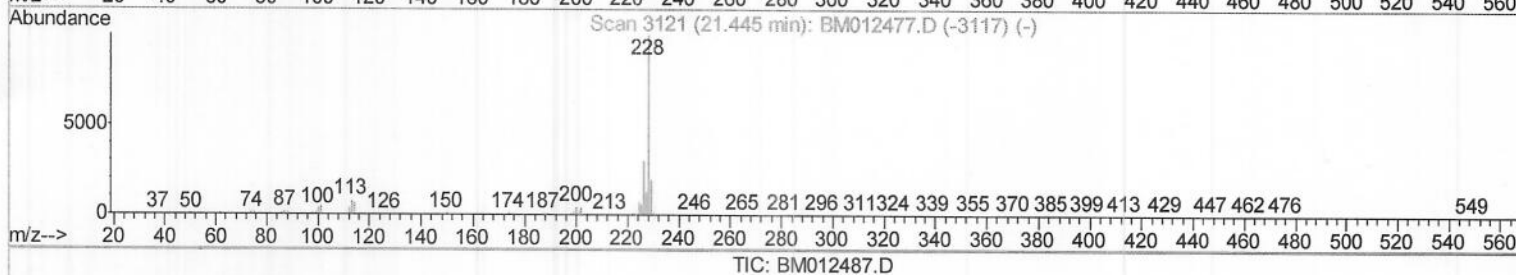
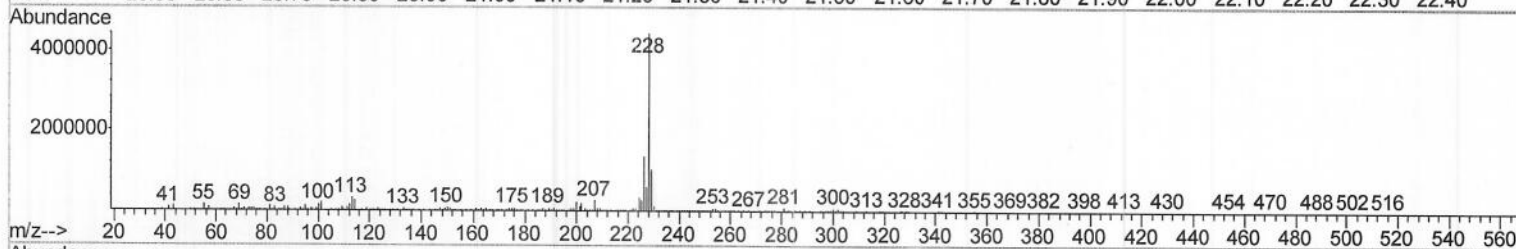
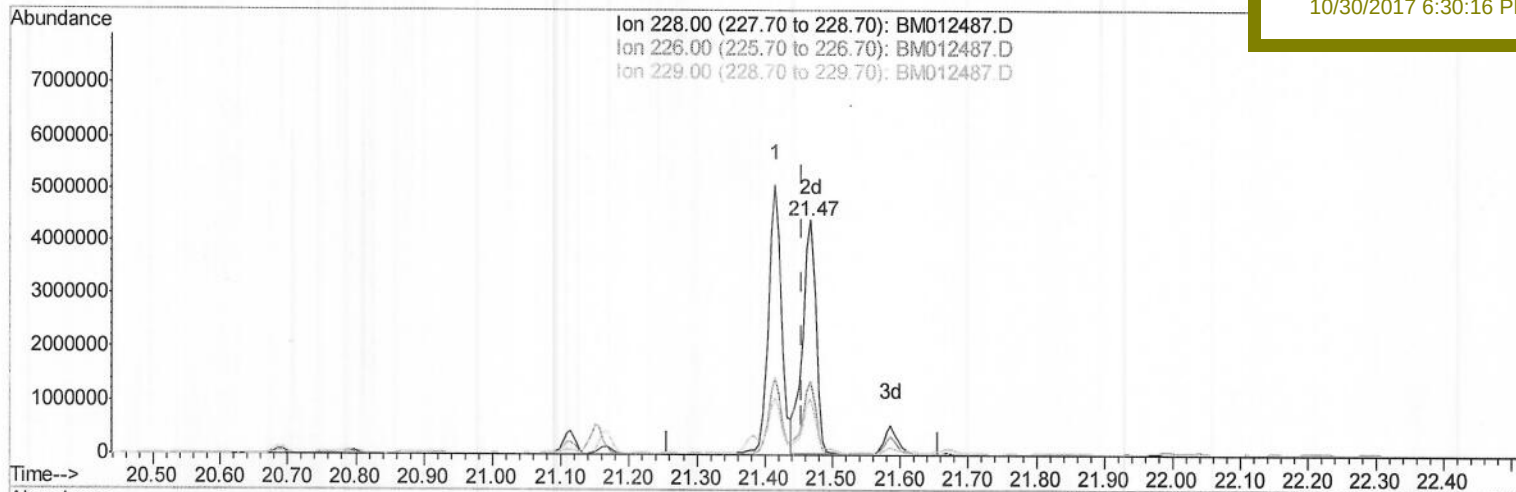
ClientSampleId :

B-25(0.5-1.5)-100517MSD

Manual Integrations
APPROVED

Sohil

10/30/2017 6:30:16 PM



(82) Chrysene

21.468min (+0.012) 50.14ng/ul m

response 5914480

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	30.85
229.00	19.40	23.40#
0.00	0.00	0.00

SJ
06/26/18

Quantitation Report (Qedit)

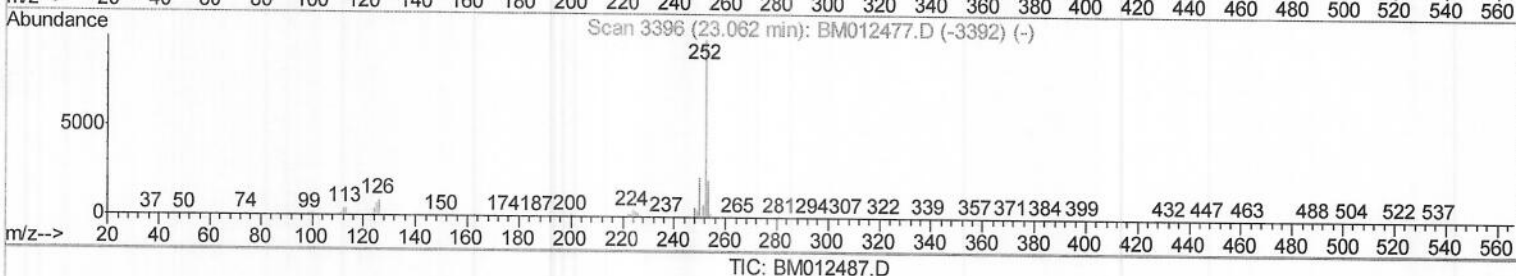
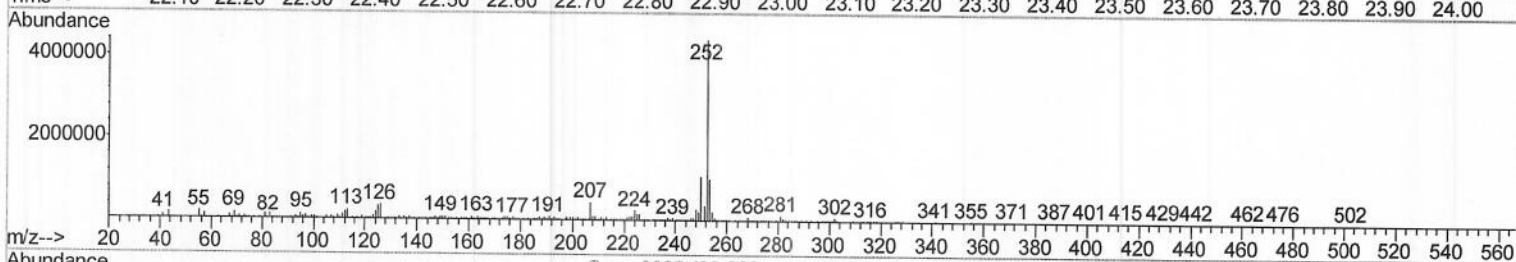
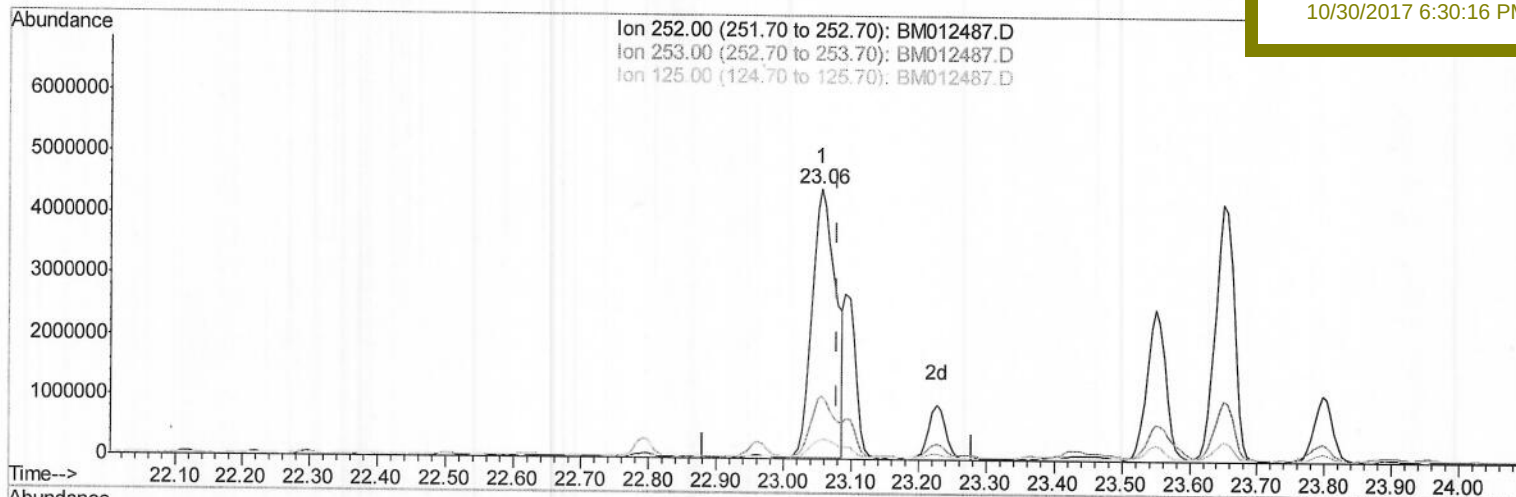
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012487.D
 Acq On : 27 Oct 2017 15:31
 Operator : SJ/JU
 Sample : I5719-09MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 28 00:17:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Instrument :
 BNA_M
 ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:16 PM



TIC: BM012487.D

(86) Benzo(k)fluoranthene

23.056min (-0.024) 74.90ng/ul

response 10879224

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.65
125.00	4.30	7.37#
0.00	0.00	0.00

Quantitation Report (Qedit)

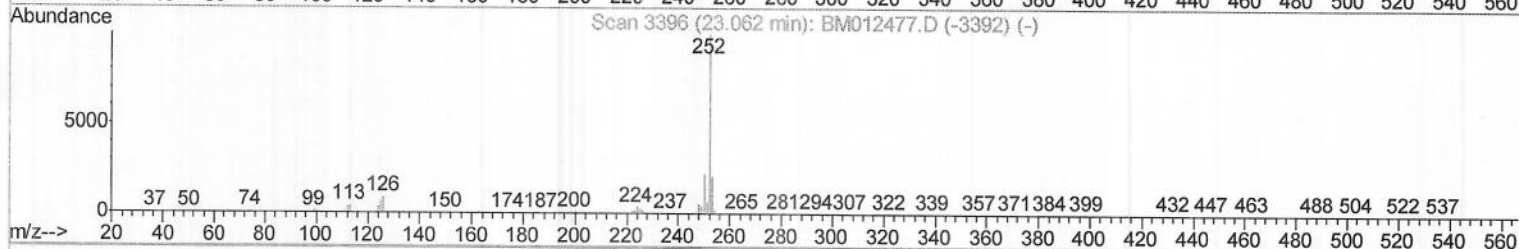
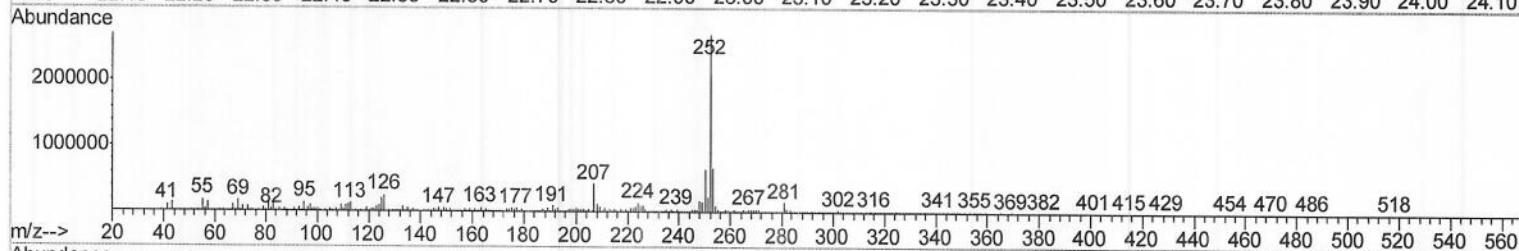
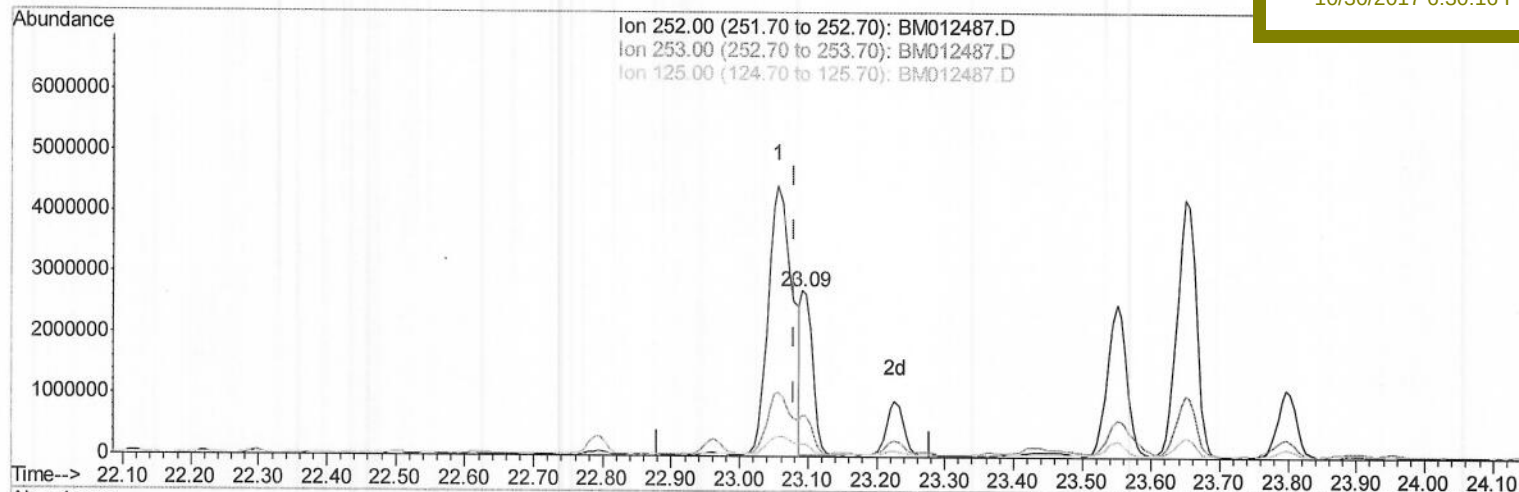
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012487.D
 Acq On : 27 Oct 2017 15:31
 Operator : SJ/JU
 Sample : I5719-09MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Quant Time: Oct 28 00:17:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
 10/30/2017 6:30:16 PM



TIC: BM012487.D

(86) Benzo(k)fluoranthene

23.091min (+0.012) 22.15ng/ul m

response 3217678

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.43
125.00	4.30	7.68#
0.00	0.00	0.00

SJ
06/26/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012487.D
 Acq On : 27 Oct 2017 15:31
 Operator : SJ/JU
 Sample : I5719-09MSD 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-25(0.5-1.5)-100517MSD

Quant Time: Oct 28 01:32:20 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Sohil
 10/30/2017 6:30:16 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	488506	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1758490	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	932785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1871407	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2215403	20.00	ng/ul	0.01
83) Perylene-d12	23.75	264	2496392	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14211	1.49	ng/uL	0.00
5) Phenol-d5	7.05	99	291063	7.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	186745	7.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	243812	7.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	231451	6.64	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	112039	10.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	107856	9.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	233916	7.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	66635	2.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	660707	8.11	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	791759	8.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	74308	6.13	ng/ul	0.00
57) Fluorene-d10	15.50	176	525807	7.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	9089	1.00	ng/ul	0.01
70) Anthracene-d10	17.36	188	760060	8.52	ng/ul	0.00
76) Pyrene-d10	19.64	212	822398	8.09	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.60	264	951774	8.03	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	7.08	94	364865	8.59	ng/ul# 84
10) 2-Chlorophenol	7.45	128	247631	7.92	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.68	70	169815	5.68	ng/ul# 64
33) 4-Chloro-3-methylphenol	11.96	107	225778	6.85	ng/ul 99
44) Dimethylphthalate	13.96	163	326927	4.06	ng/ul 100
49) Acenaphthene	14.57	153	565052	8.97	ng/ul 99
52) 4-Nitrophenol	14.73	109	70717	5.75	ng/ul# 80
54) 2,4-Dinitrotoluene	14.88	165	115460	6.02	ng/ul# 83
58) Fluorene	15.56	166	119893	1.52	ng/ul 97
68) Pentachlorophenol	16.91	266	85056	6.27	ng/ul 97
69) Phenanthrene	17.30	178	3264020	32.25	ng/ul 99
71) Anthracene	17.39	178	821201	7.85	ng/ul 98
72) Carbazole	17.66	167	601395	6.94	ng/ul 99
74) Fluoranthene	19.32	202	8582649	74.84	ng/ul# 95
77) Pyrene	19.67	202	8604268	68.30	ng/ul# 92
80) Benzo(a)anthracene	21.42	228	6796866	51.23	ng/ul 97
81) Bis(2-ethylhexyl)phthalate	21.34	149	208770	2.76	ng/ul# 88
82) Chrysene	21.47	228	5914480m	50.14	ng/ul 96
85) Benzo(b)fluoranthene	23.06	252	10879224	70.50	ng/ul# 96
86) Benzo(k)fluoranthene	23.09	252	3217678m	22.15	ng/ul 96
88) Benzo(a)pyrene	23.65	252	8176647	55.57	ng/ul# 96
89) Indeno(1,2,3-cd)pyrene	26.11	276	5653780	32.65	ng/ul# 98
90) Dibenzo(a,h)anthracene	26.11	278	1553545	10.58	ng/ul# 86

57
 10/26/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
Data File : BM012487.D
Acq On : 27 Oct 2017 15:31
Operator : SJ/JU
Sample : I5719-09MSD 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 28 01:32:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 09:35:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(a,h,i)perylene	26.84	276	4913237	35.01	ng/ul#	95

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

Instrument :
BNA_M
ClientSampleId :
B-25(0.5-1.5)-100517MSD

Manual Integrations
APPROVED

Sohil
10/30/2017 6:30:16 PM