

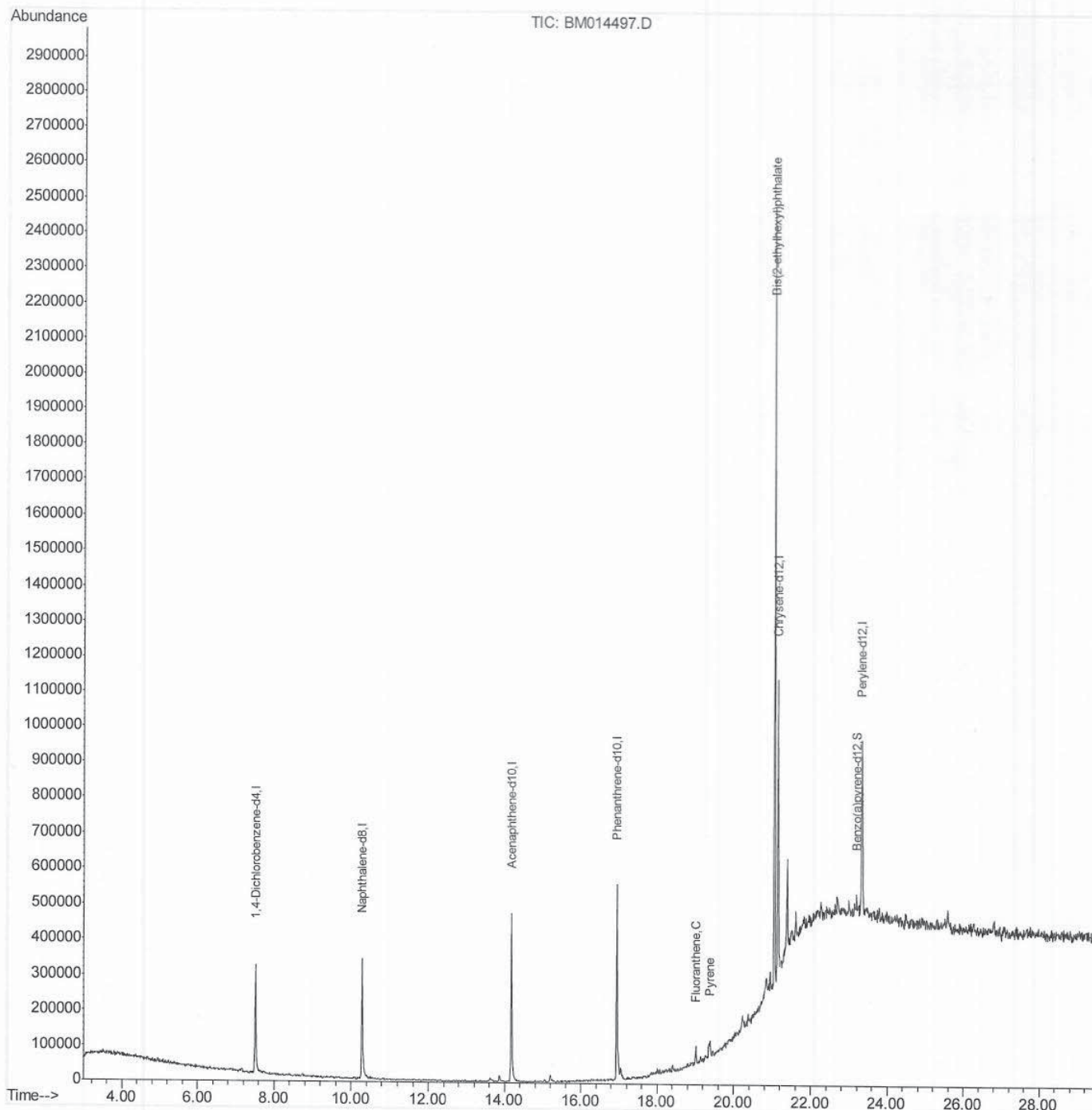
Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
Data File : BM014497.D
Acq On : 06 Mar 2018 12:42
Operator : SJ/JU
Sample : J1646-01DL 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5W7DL

Manual Integrations
APPROVED

Sohil
3/7/2018 12:02:38 PM

Quant Time: Mar 12 08:53:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 02:58:55 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 09 02:05:23 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

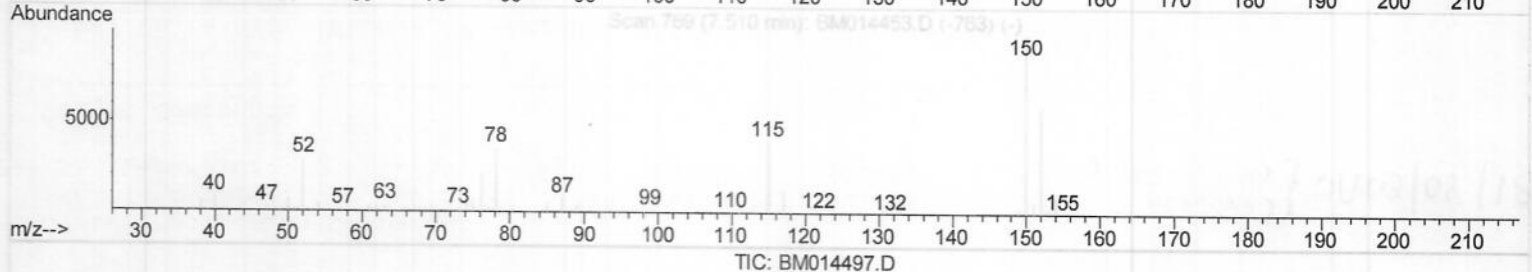
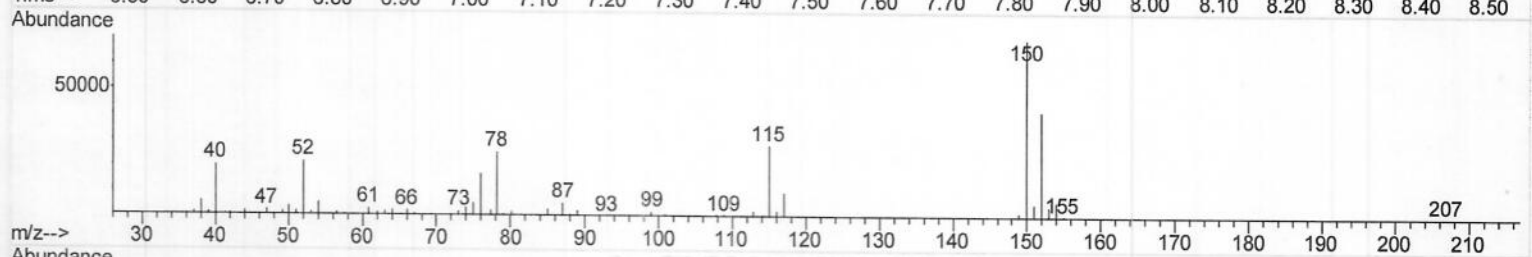
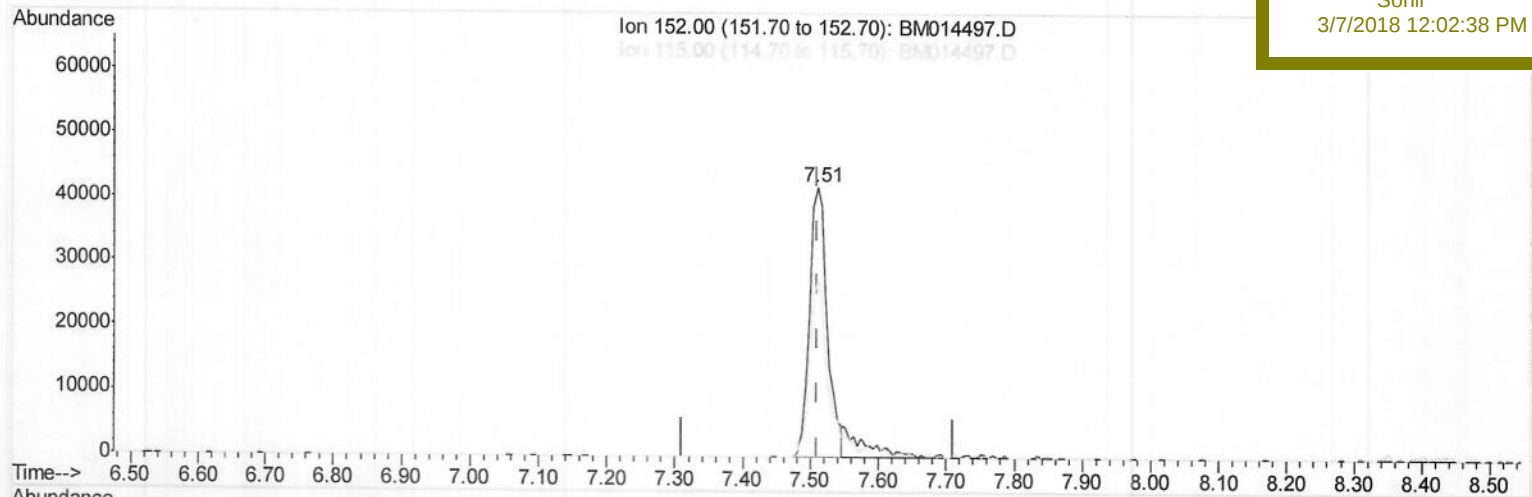
BE5W7DL

Manual Integrations

APPROVED

Sohil

3/7/2018 12:02:38 PM



(1) 1,4-Dichlorobenzene-d4 (I)

7.510min (-0.000) 20.00ng/ul

response 75759

Ion	Exp%	Act%
152.00	100	100
115.00	58.90	66.89
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
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Instrument :

BNA_M

ClientSampleId :

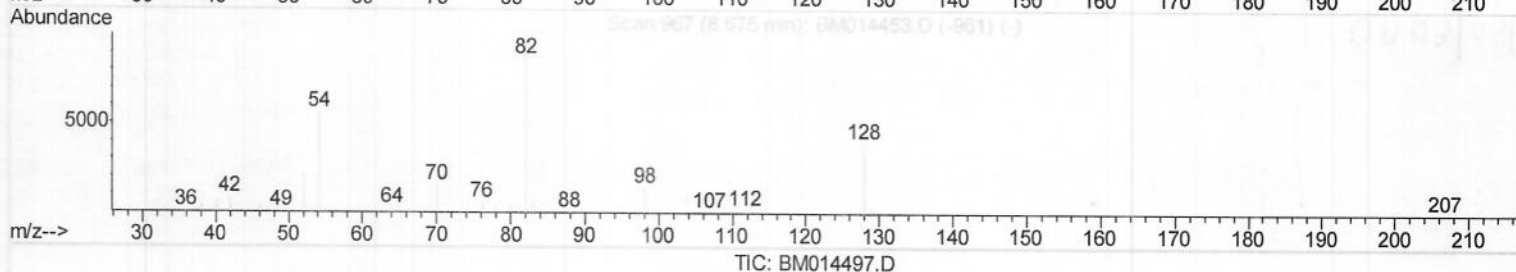
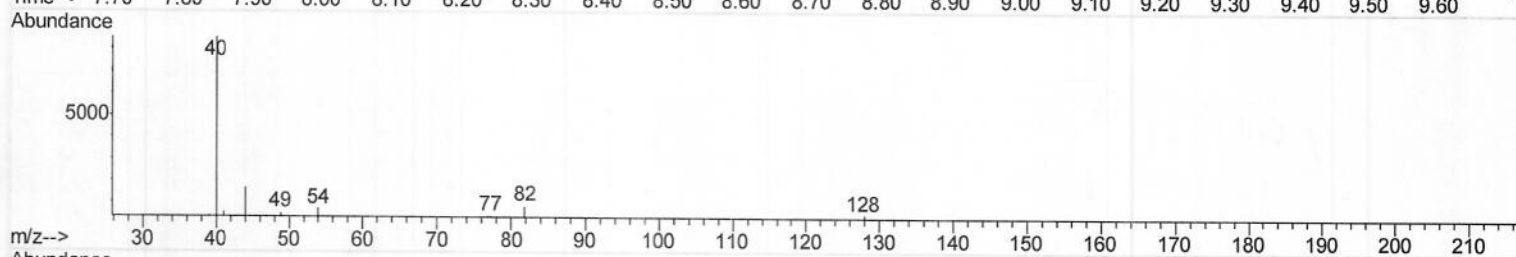
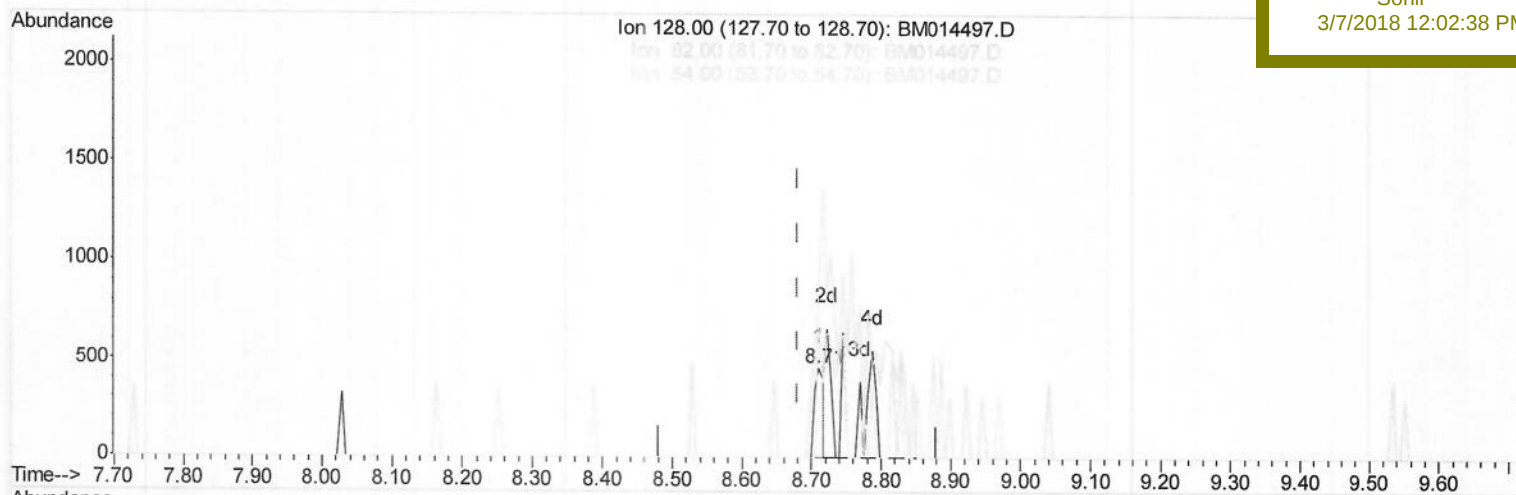
BE5W7DL

Manual Integrations

APPROVED

Sohil

3/7/2018 12:02:38 PM



(19) Nitrobenzene-d5 (S)

8.710min (+0.029) 0.19ng/ul

response 423

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	182.89#
54.00	142.70	150.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 09 02:58:55 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 09 02:05:23 2018

Response via : Initial Calibration

Instrument :

BNA_M

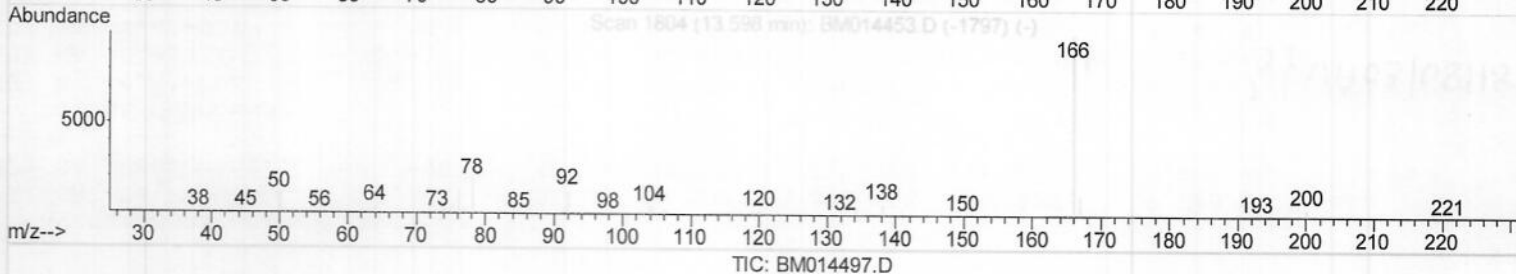
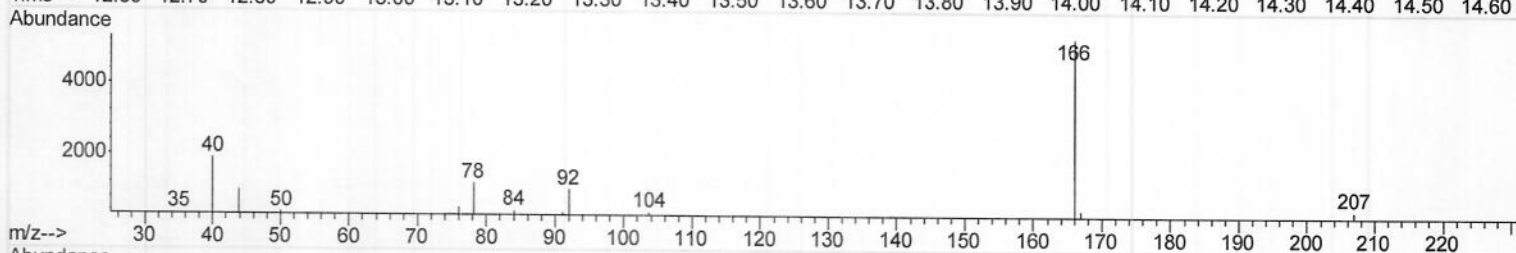
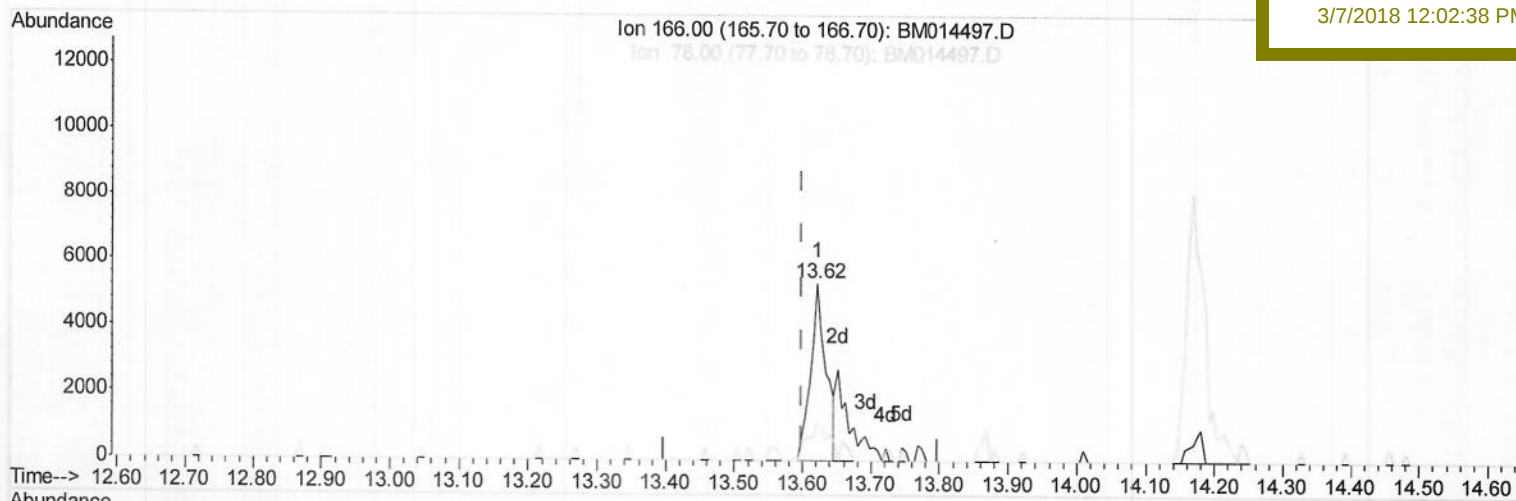
ClientSampleId :

BE5W7DL

Manual Integrations
APPROVED

Sohil

3/7/2018 12:02:38 PM



(43) Dimethylphthalate-d6 (S)

13.622min (+0.023) 0.60ng/ul

response 8497

Ion	Exp%	Act%
166.00	100	100
78.00	17.00	22.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
Data File : BM014497.D
Acq On : 06 Mar 2018 12:42
Operator : SJ/JU
Sample : J1646-01DL 30X
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 09 02:05:23 2018
Response via : Initial Calibration

Instrument :

BNA_M

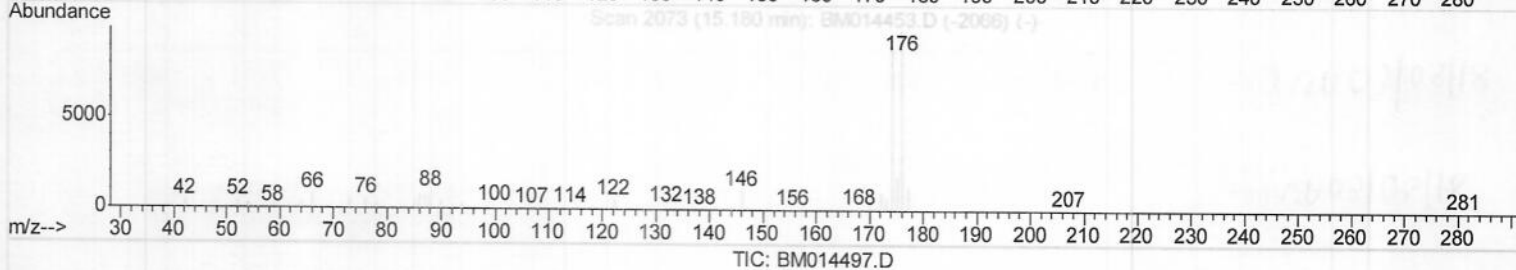
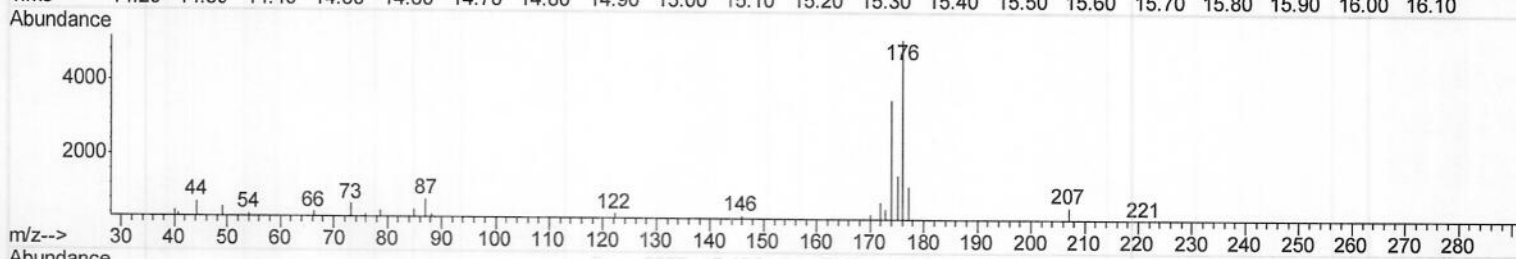
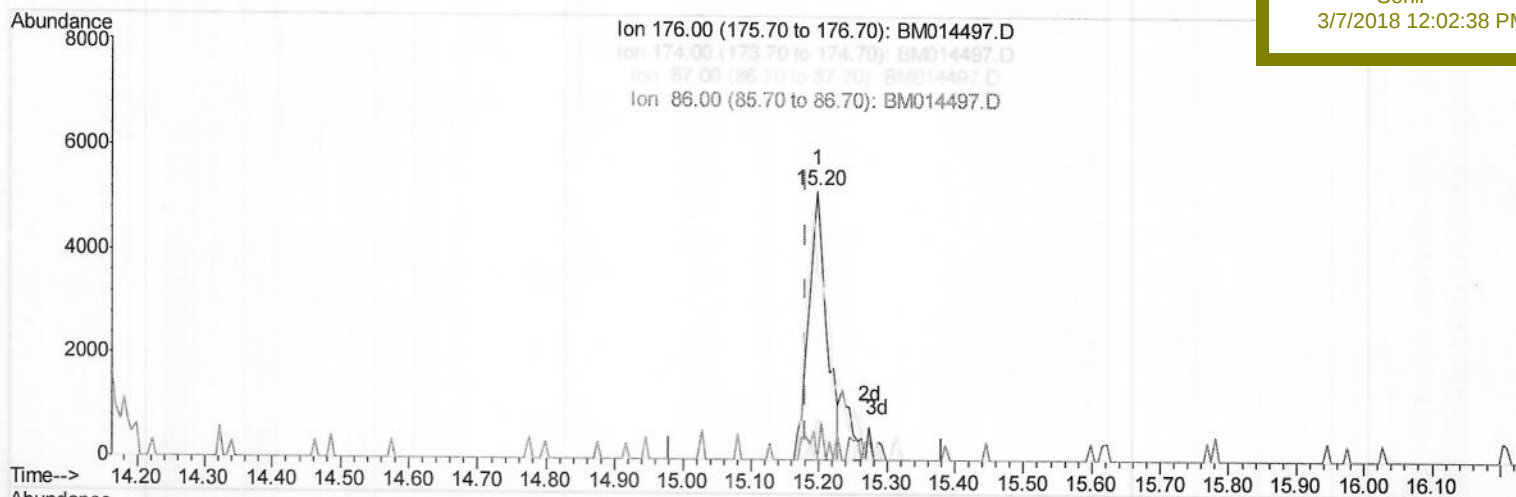
ClientSampleId :

BE5W7DL

Manual Integrations
APPROVED

Sohil

3/7/2018 12:02:38 PM



(57) Fluorene-d10 (S)

15.198min (+0.017) 0.75ng/ul

response 9559

Ion	Exp%	Act%
176.00	100	100
174.00	95.20	68.71#
87.00	6.30	15.65#
86.00	5.90	0.00#

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 01:27:45 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 06 12:22:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

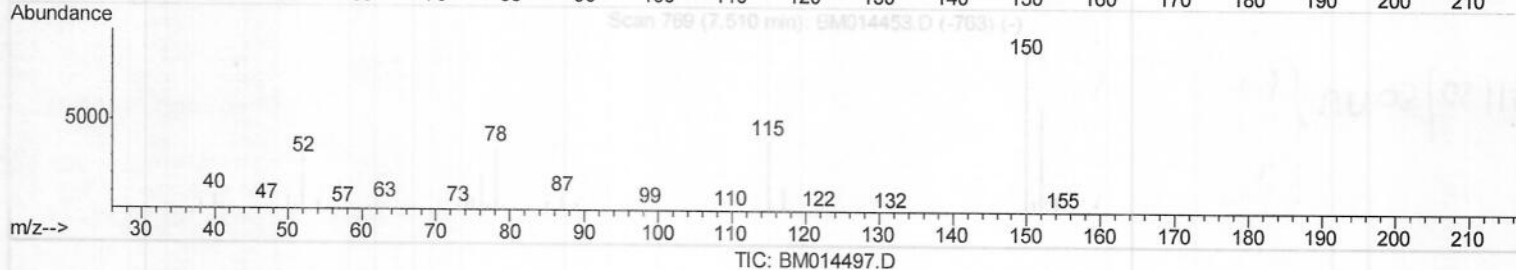
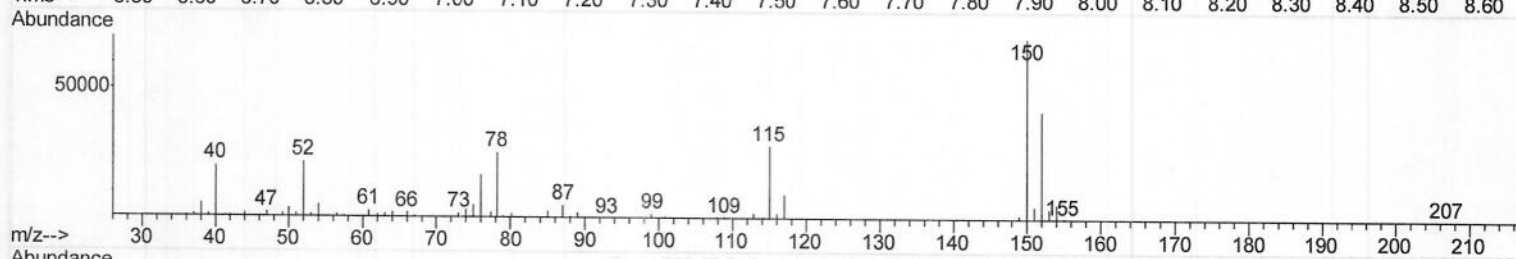
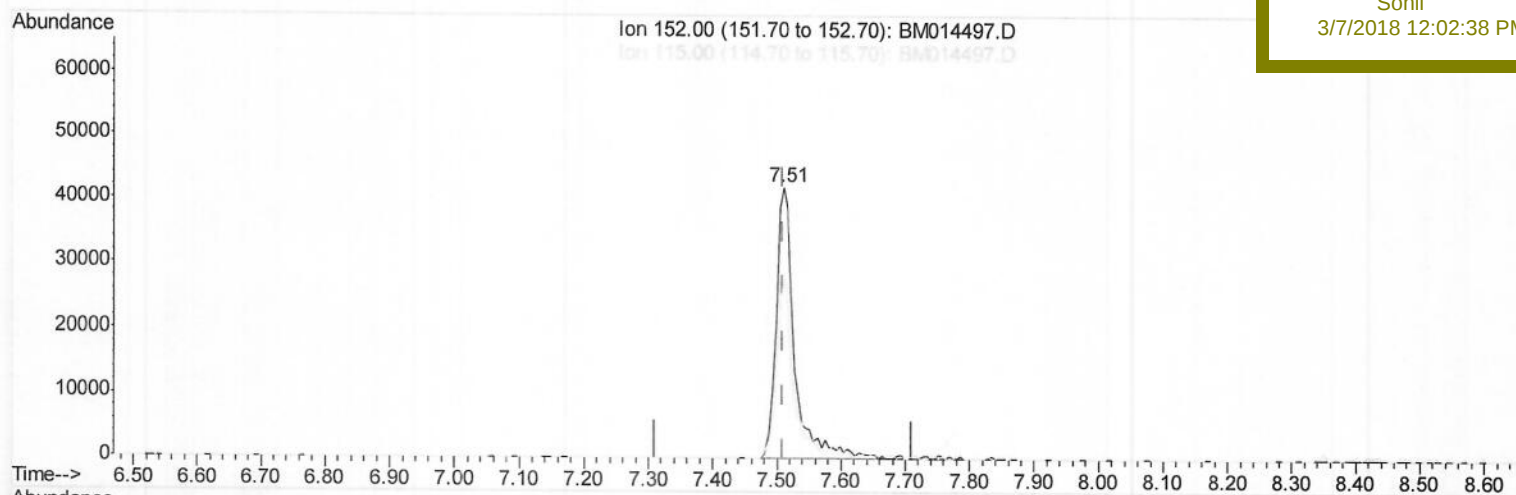
BE5W7DL

Manual Integrations

APPROVED

Sohil

3/7/2018 12:02:38 PM



(1) 1,4-Dichlorobenzene-d4 (I)

7.510min (-0.000) 20.00ng/ul m > JV03/09/18

response 86083

Ion	Exp%	Act%
152.00	100	100
115.00	58.90	66.89
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 01:27:45 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 06 12:22:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

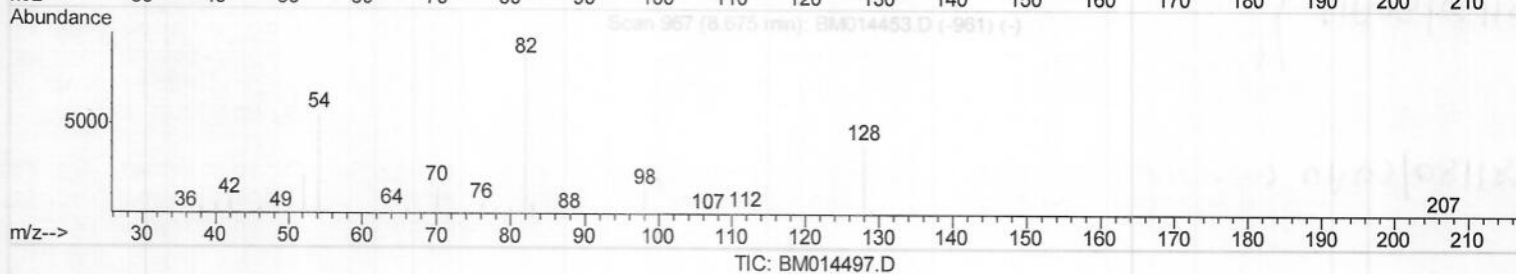
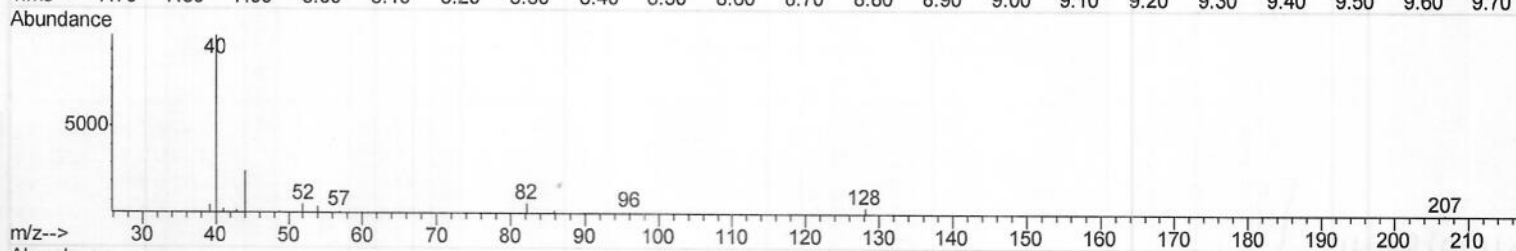
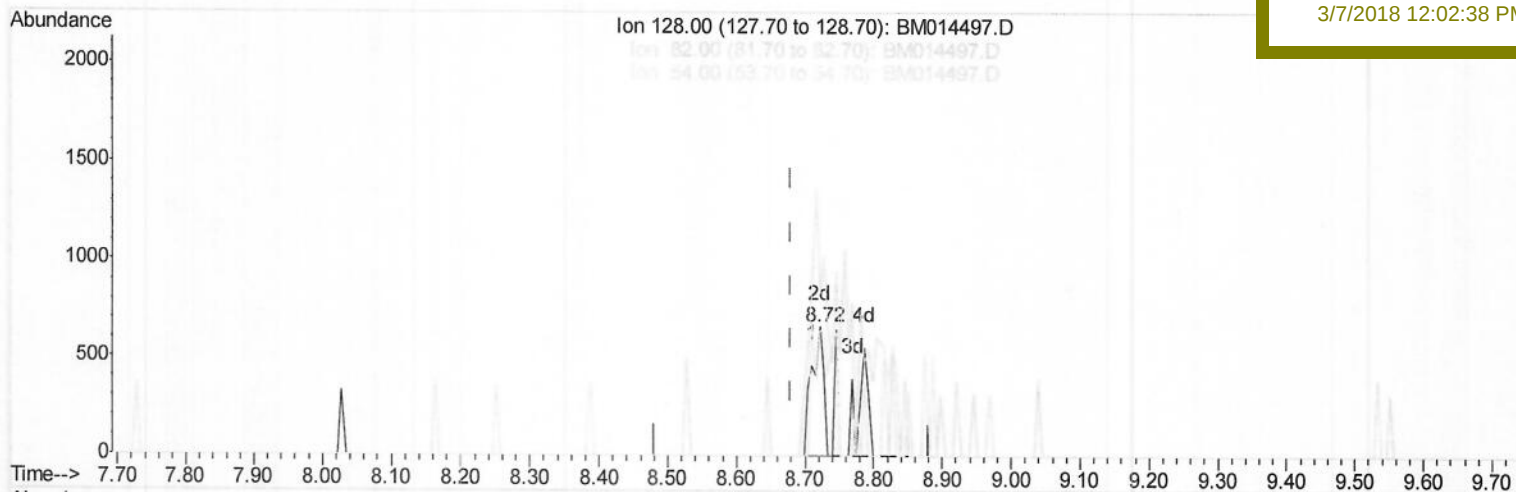
BE5W7DL

Manual Integrations

APPROVED

Sohil

3/7/2018 12:02:38 PM



(19) Nitrobenzene-d5 (S)

8.722min (+0.041) 0.36ng/ul m

SJU03/09/18

response 808

Ion	Exp%	Act%
128.00	100	100
82.00	297.40	125.91#
54.00	142.70	97.12#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 01:27:45 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 06 12:22:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

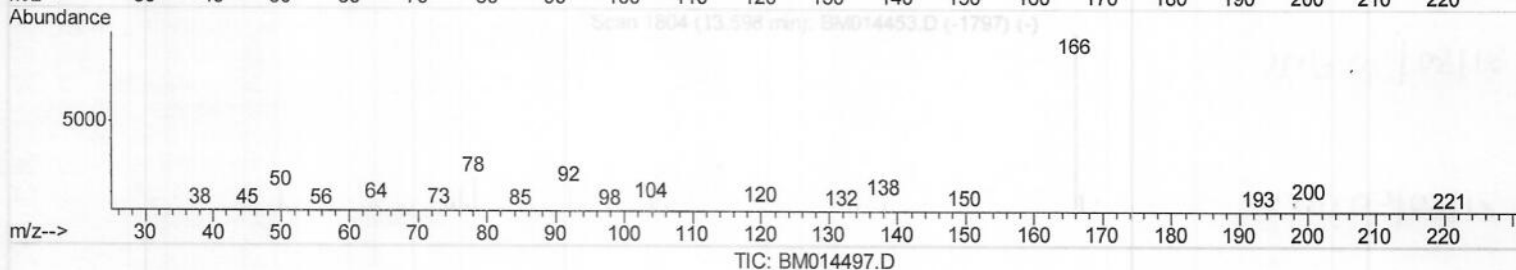
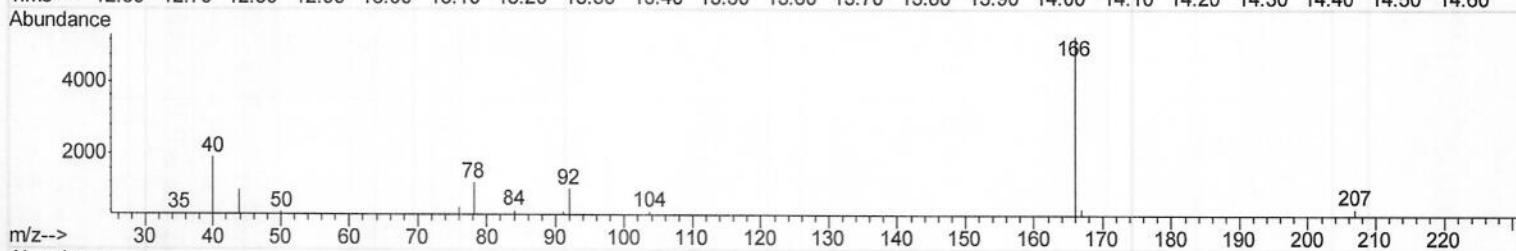
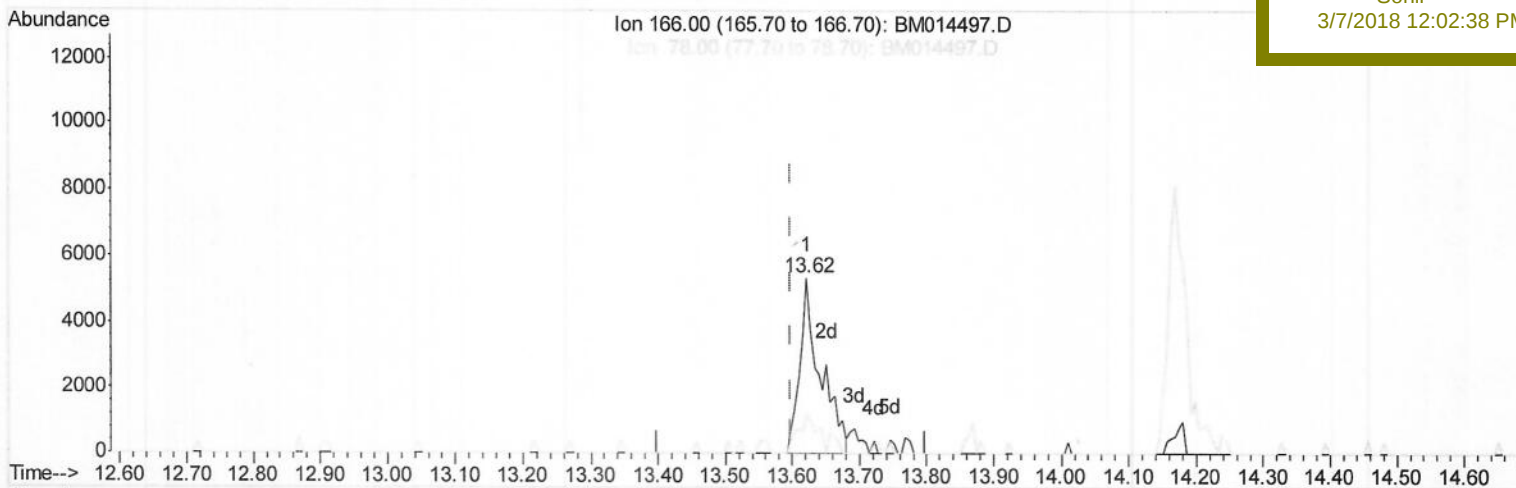
ClientSampleId :

BE5W7DL

Manual Integrations
APPROVED

Sohil

3/7/2018 12:02:38 PM



(43) Dimethylphthalate-d6 (S)

13.622min (+0.023) 0.80ng/ul m 35003/09/18

response 11426

Ion	Exp%	Act%
166.00	100	100
78.00	17.00	22.38#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\

Data File : BM014497.D

Acq On : 06 Mar 2018 12:42

Operator : SJ/JU

Sample : J1646-01DL 30X

Misc :

ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 01:27:45 2018

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 06 12:22:39 2018

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

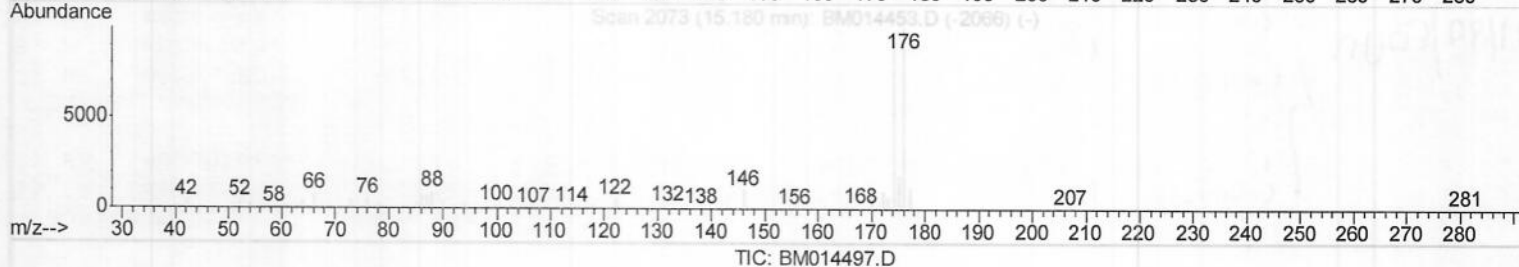
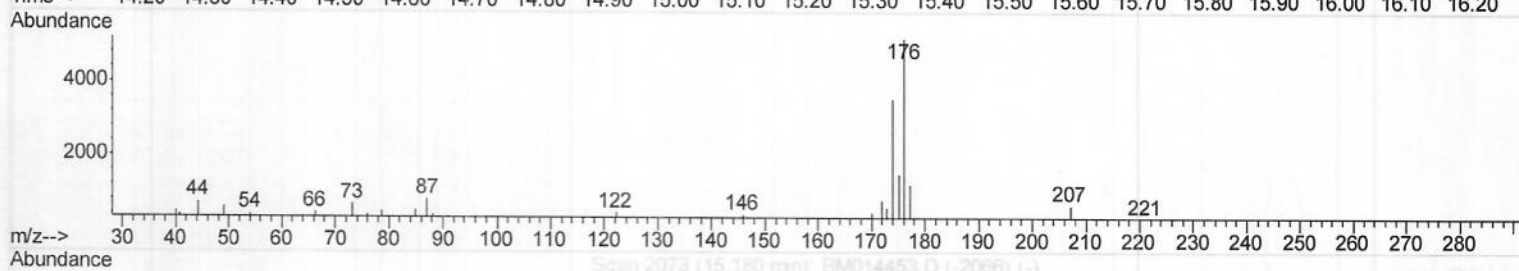
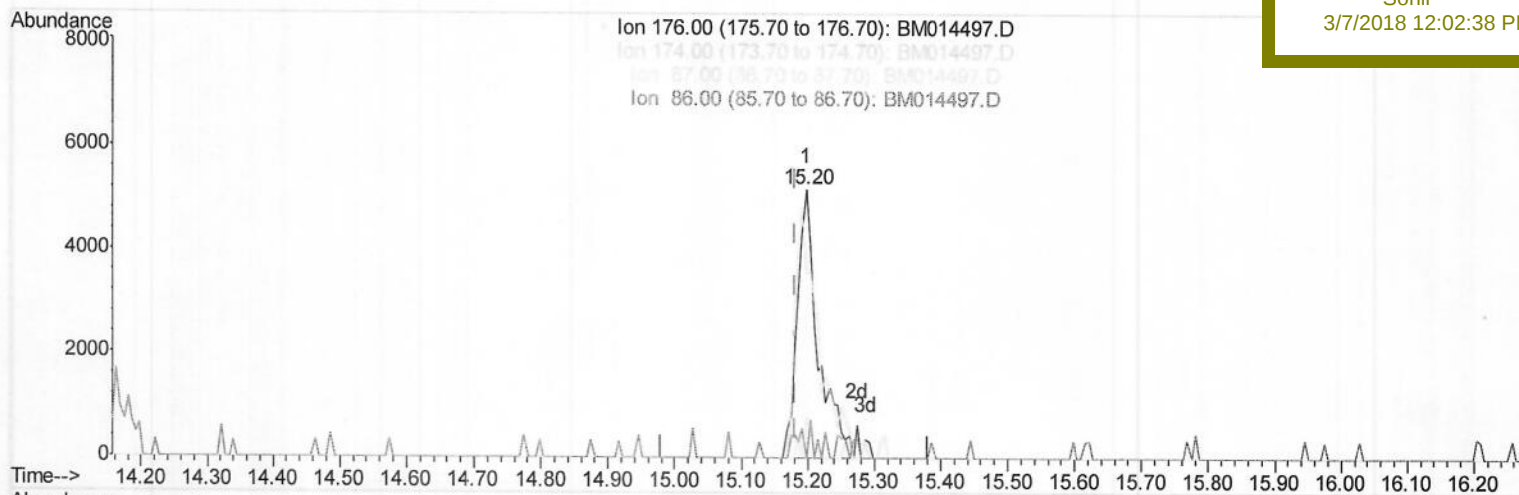
BE5W7DL

Manual Integrations

APPROVED

Sohil

3/7/2018 12:02:38 PM



(57) Fluorene-d10 (S)

15.198min (+0.017) 0.88ng/ul m

25003/09/18

response 11196

Ion	Exp%	Act%
176.00	100	100
174.00	95.20	68.71#
87.00	6.30	15.65#
86.00	5.90	0.00#

Data Path : Z:\HPCHEM1\BNA M\Data\BM030618\
 Data File : BM014497.D
 Acq On : 06 Mar 2018 12:42
 Operator : SJ/JU
 Sample : J1646-01DL 30X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W7DL

Manual Integrations
 APPROVED

Sohil
 3/7/2018 12:02:38 PM

Quant Time: Mar 12 08:53:37 2018
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 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 06 12:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	86083m	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	306986	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	172809	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	376589	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	362737	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	358956	20.00	ng/ul	-0.01

In 03/09/18

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.09	96	309	0.15	ng/uL	0.00
5) Phenol-d5	6.80	99	624	0.09	ng/ul	0.07
7) Bis-(2-Chloroethyl)ether-d	6.88	67	1842	0.42	ng/ul	0.02
9) 2-Chlorophenol-d4	7.08	132	1043	0.19	ng/ul	0.02
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.72	128	808m	0.36	ng/ul	0.04
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.62	166	11426m	0.80	ng/ul	0.02
46) Acenaphthylene-d8	13.86	160	14054	0.80	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.20	176	11196m	0.88	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.05	188	18077	0.99	ng/ul	0.01
76) Pyrene-d10	19.35	212	18622	1.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	18121	1.04	ng/ul	-0.01

In 03/09/18

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
74) Fluoranthene	19.02	202	28395	1.095	ng/ul#	88
77) Pvrene	19.38	202	27893	1.157	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.06	149	663086	46.450	ng/ul#	92

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