

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

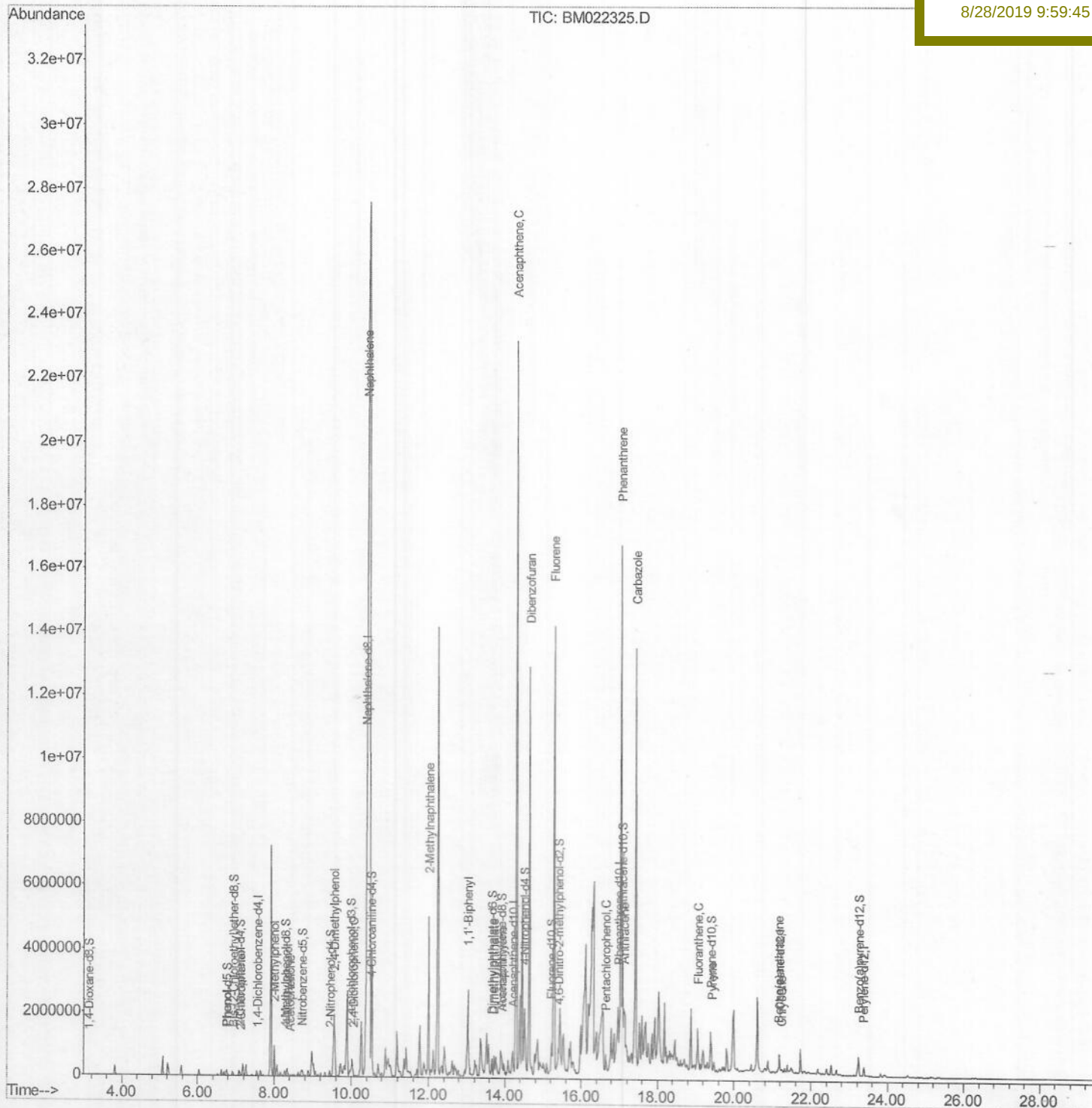
C0AF8

Manual Integrations

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Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:01:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

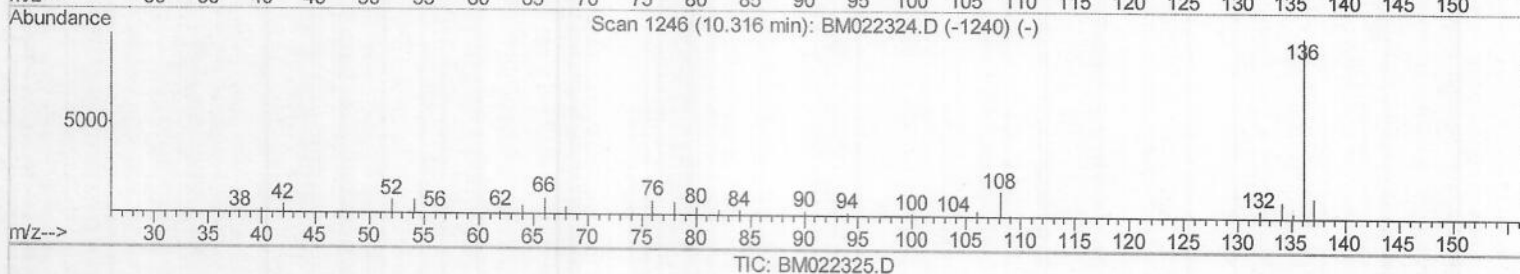
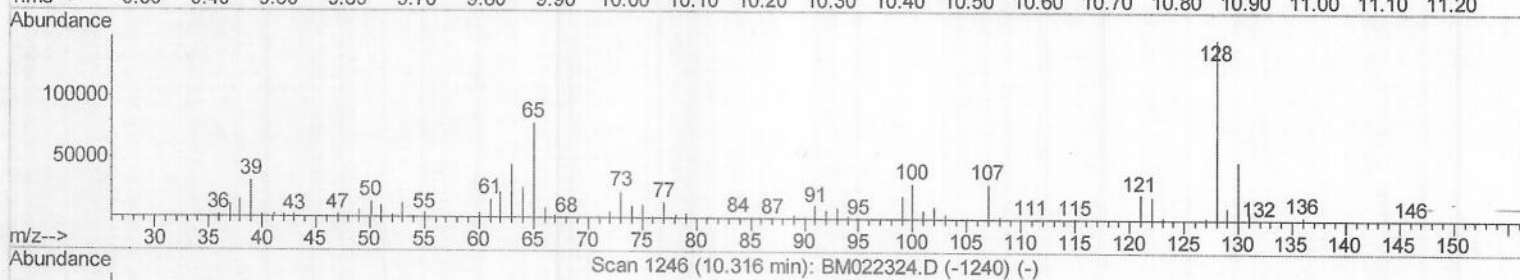
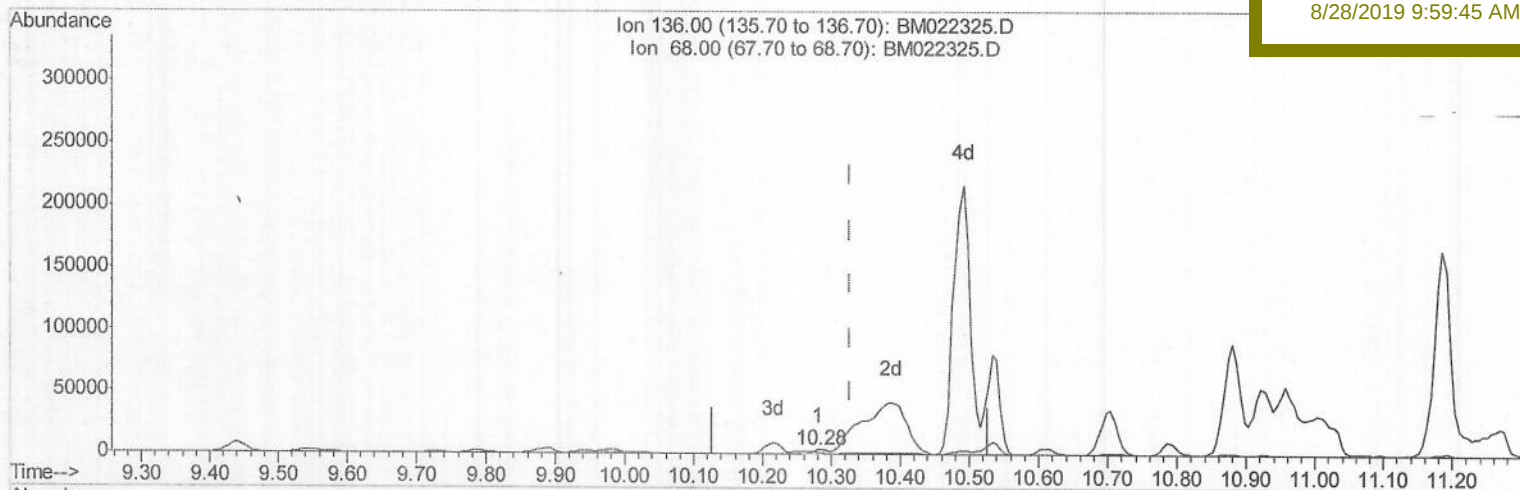
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Manual Integrations

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(18) Naphthalene-d8 (I)

10.280min (-0.047) 20.00ng/ul

response 5426

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	32.24#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

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Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

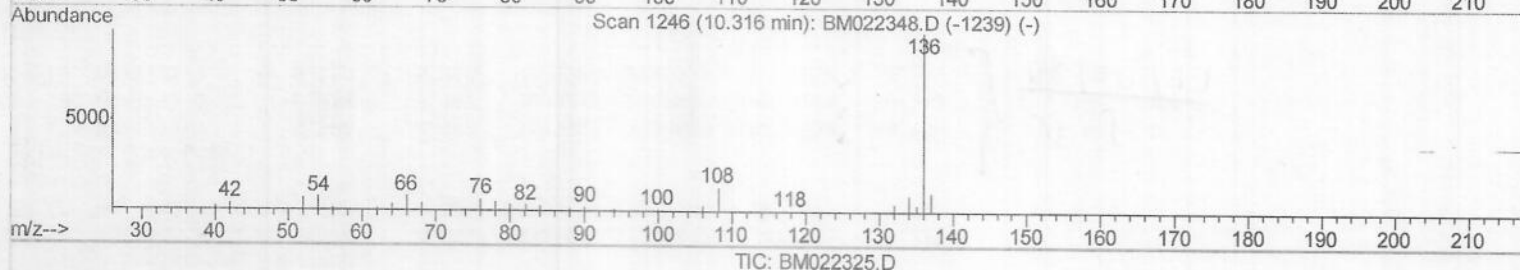
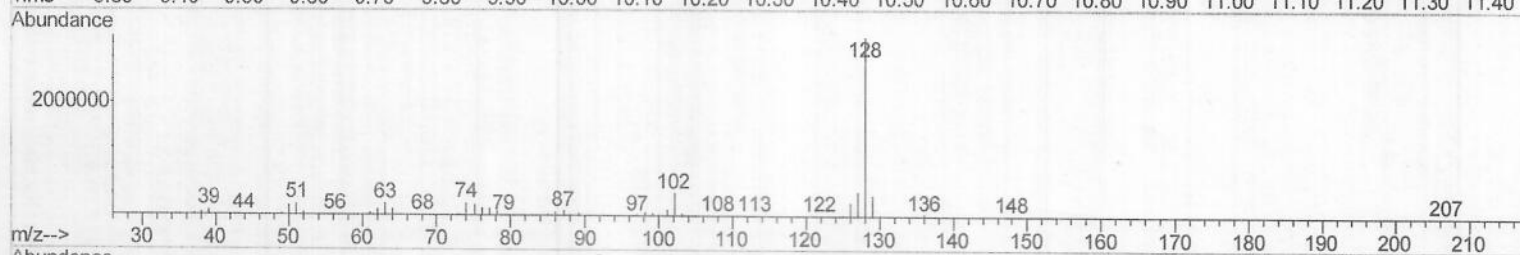
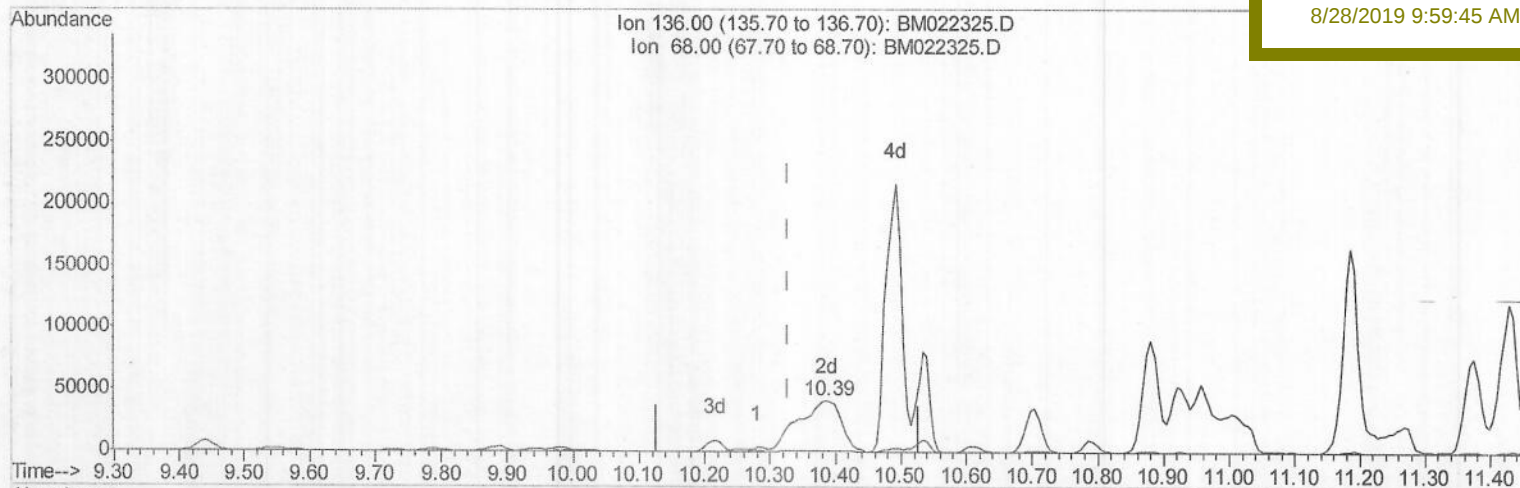
C0AF8

Manual Integrations

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8/28/2019 9:59:45 AM



(18) Naphthalene-d8 (I)

10.386min (+0.059) 20.00ng/ul m

response 189530

Ion	Exp%	Act%
136.00	100	100
68.00	5.40	3.55#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:01:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

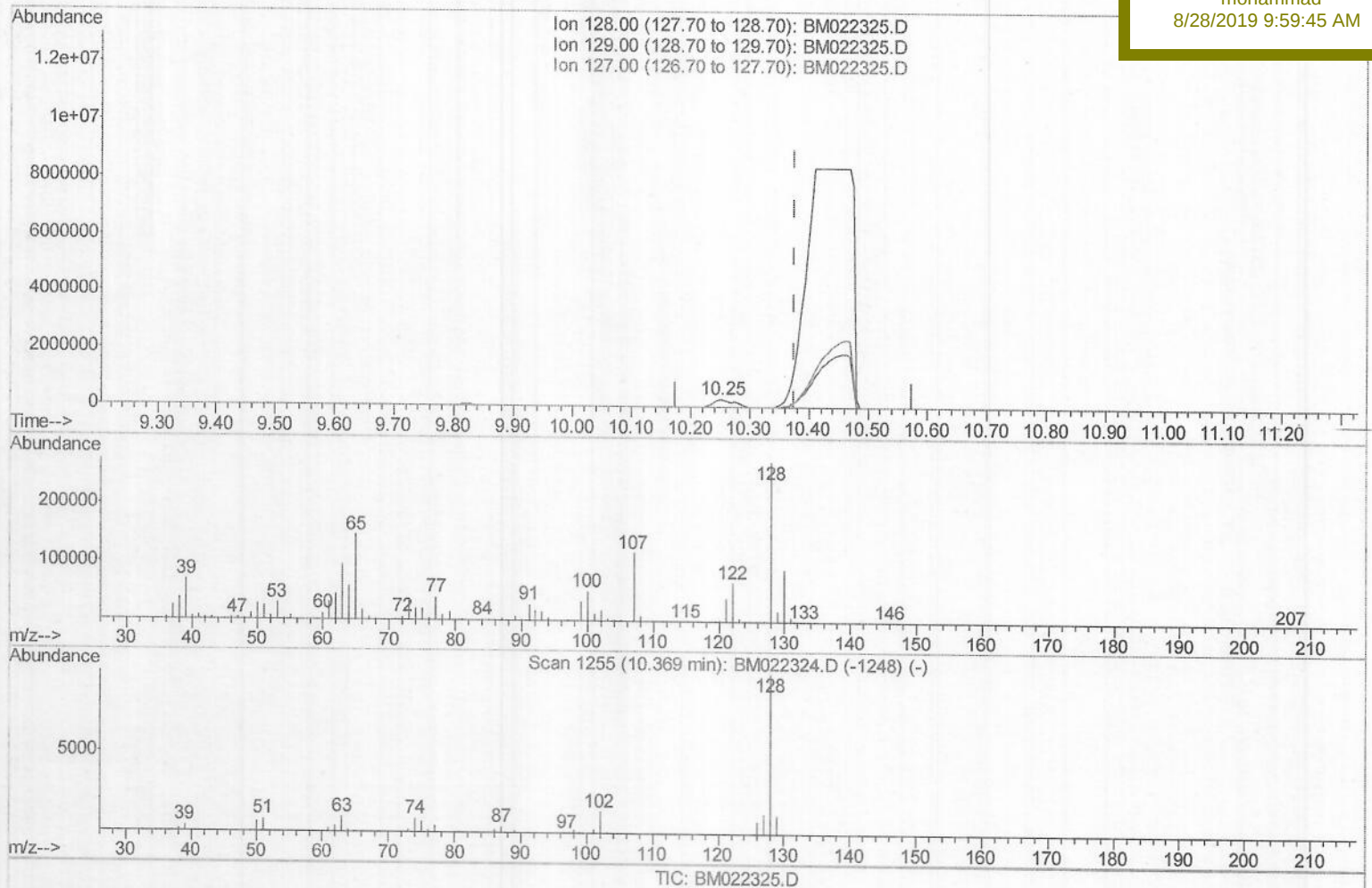
C0AF8

Manual Integrations

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mohammad

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(28) Naphthalene

10.251min (-0.124) 118.78ng/ul

response 496866

Ion	Exp%	Act%
128.00	100	100
129.00	10.80	7.04#
127.00	13.00	0.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

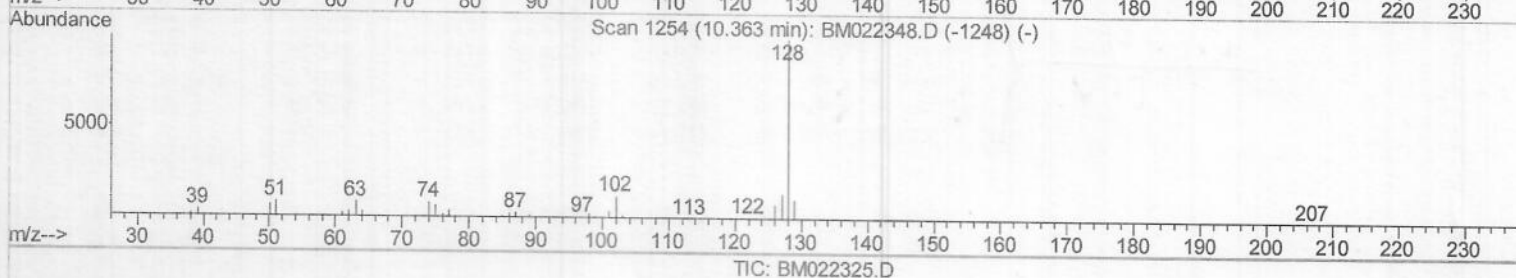
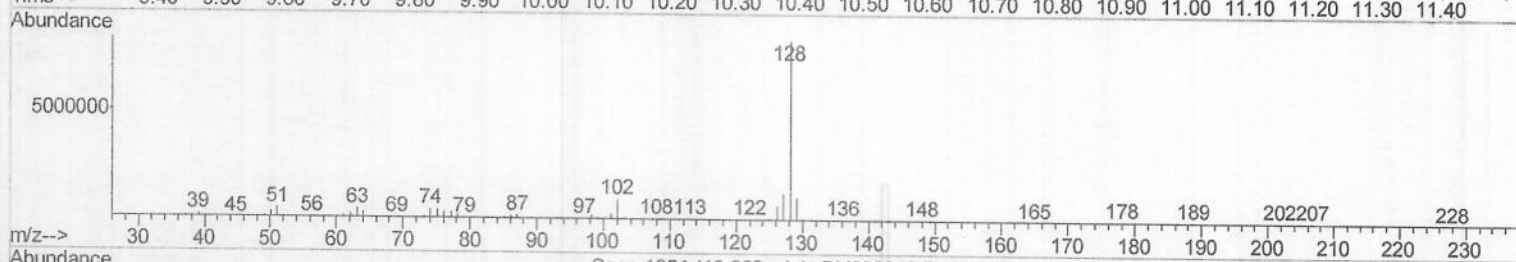
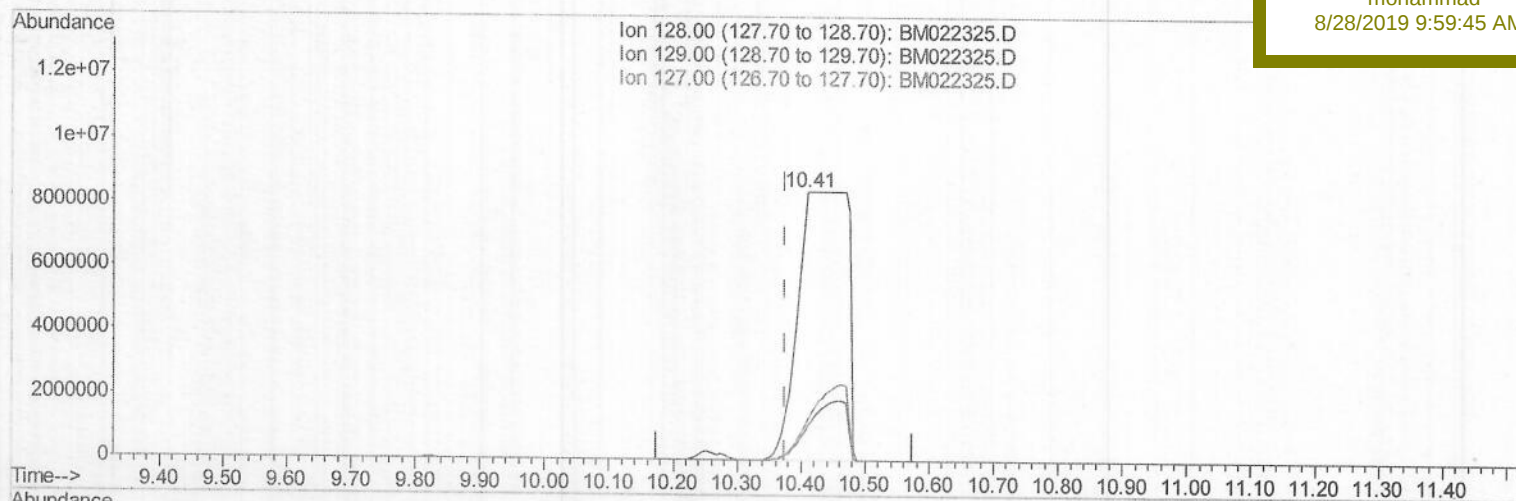
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Manual Integrations

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(28) Naphthalene

10.410min (+0.035) 4238.59ng/ul m

response 44333341

Ion Exp% Act%

128.00 100 100

129.00 10.80 12.65

127.00 13.00 15.10

0.00 0.00 0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:01:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

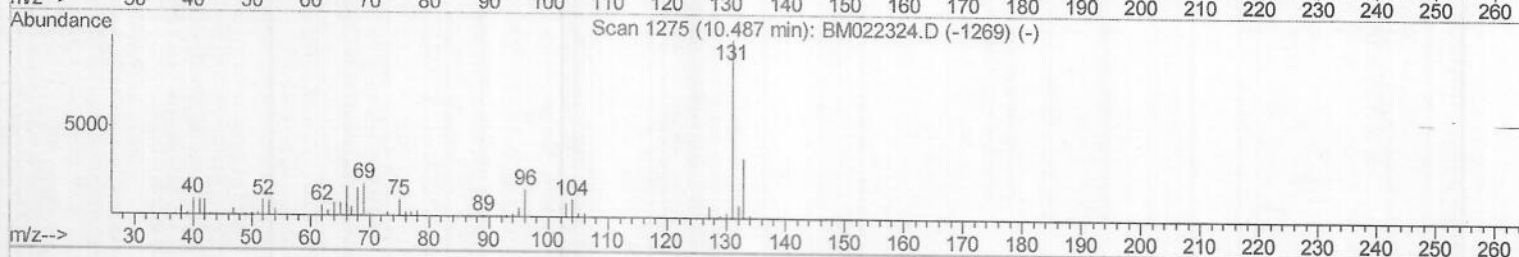
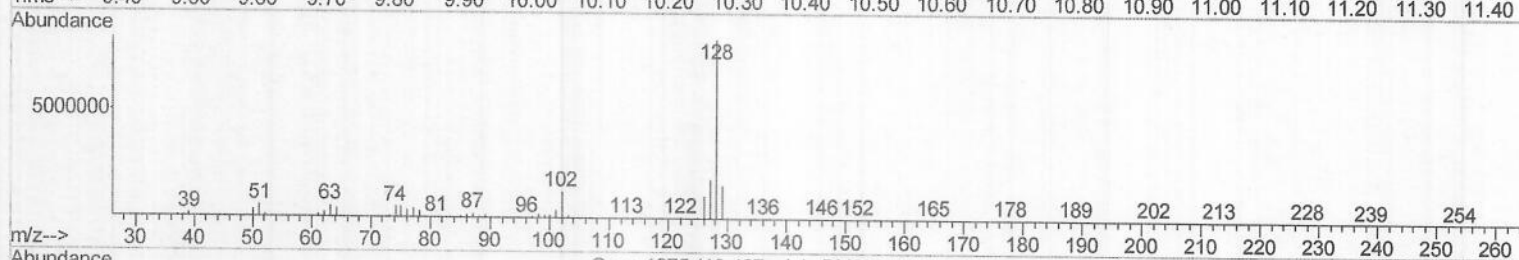
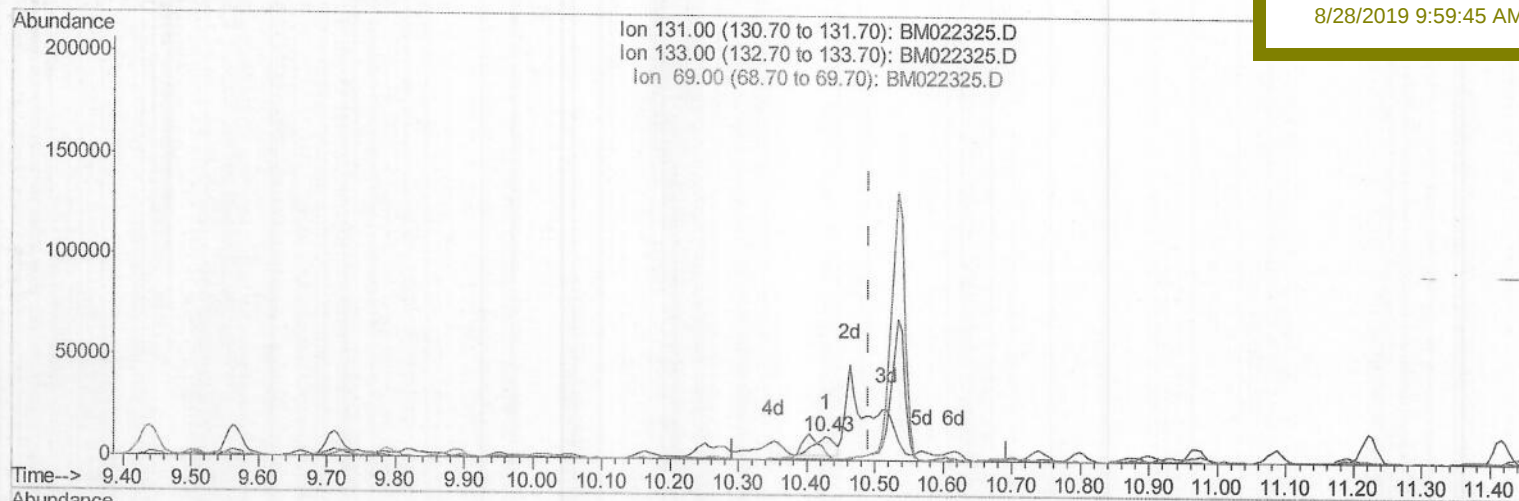
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Manual Integrations

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TIC: BM022325.D

(29) 4-Chloroaniline-d4 (S)

10.428min (-0.065) 11.67ng/ul

response 19007

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	37.51
69.00	20.00	4.63#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

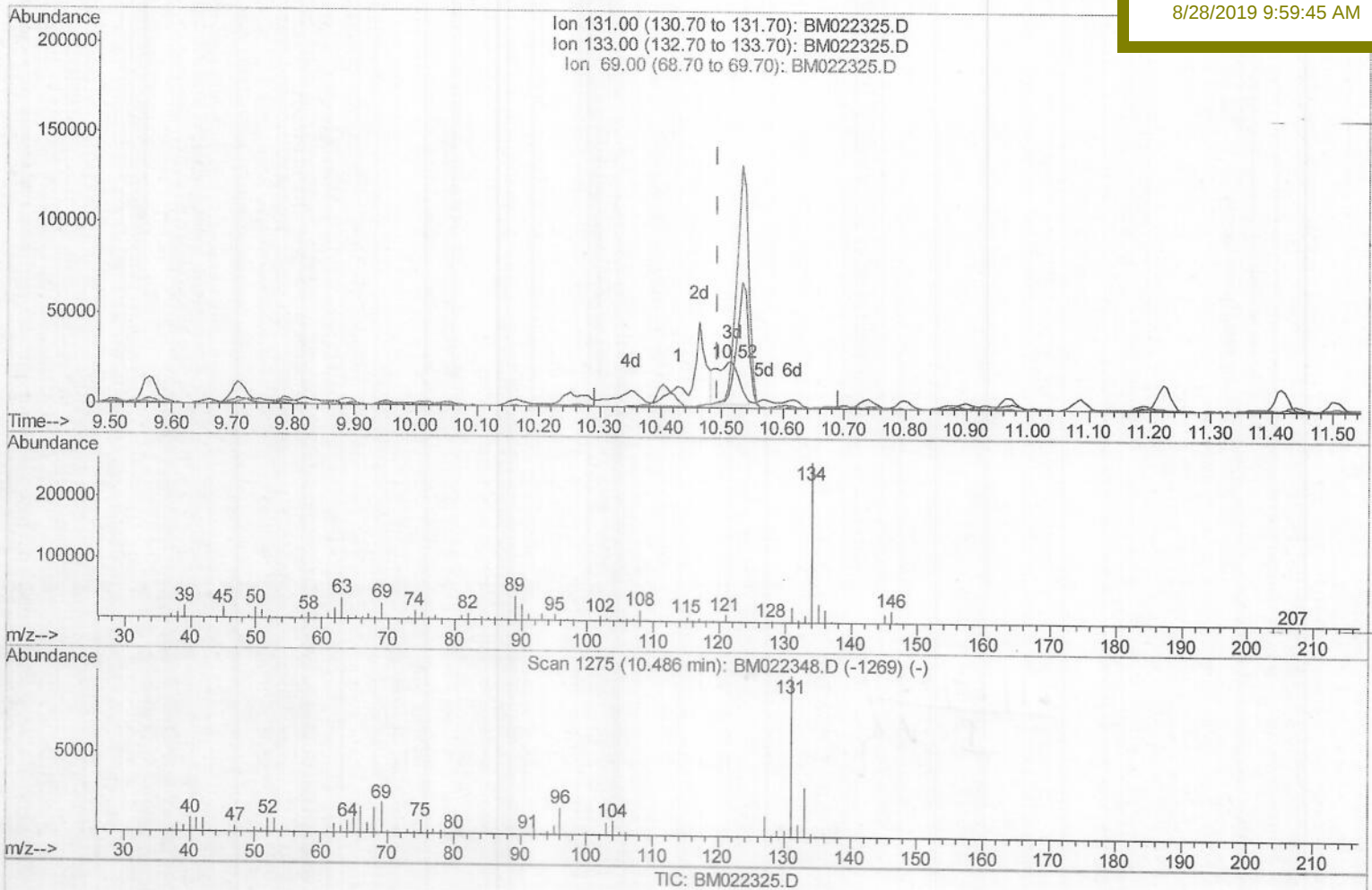
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Manual Integrations

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(29) 4-Chloroaniline-d4 (S)

10.516min (+0.023) 14.97ng/ul m) JU
08/28/19

response 60965

Ion	Exp%	Act%
131.00	100	100
133.00	31.60	54.18#
69.00	20.00	109.69#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:13:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

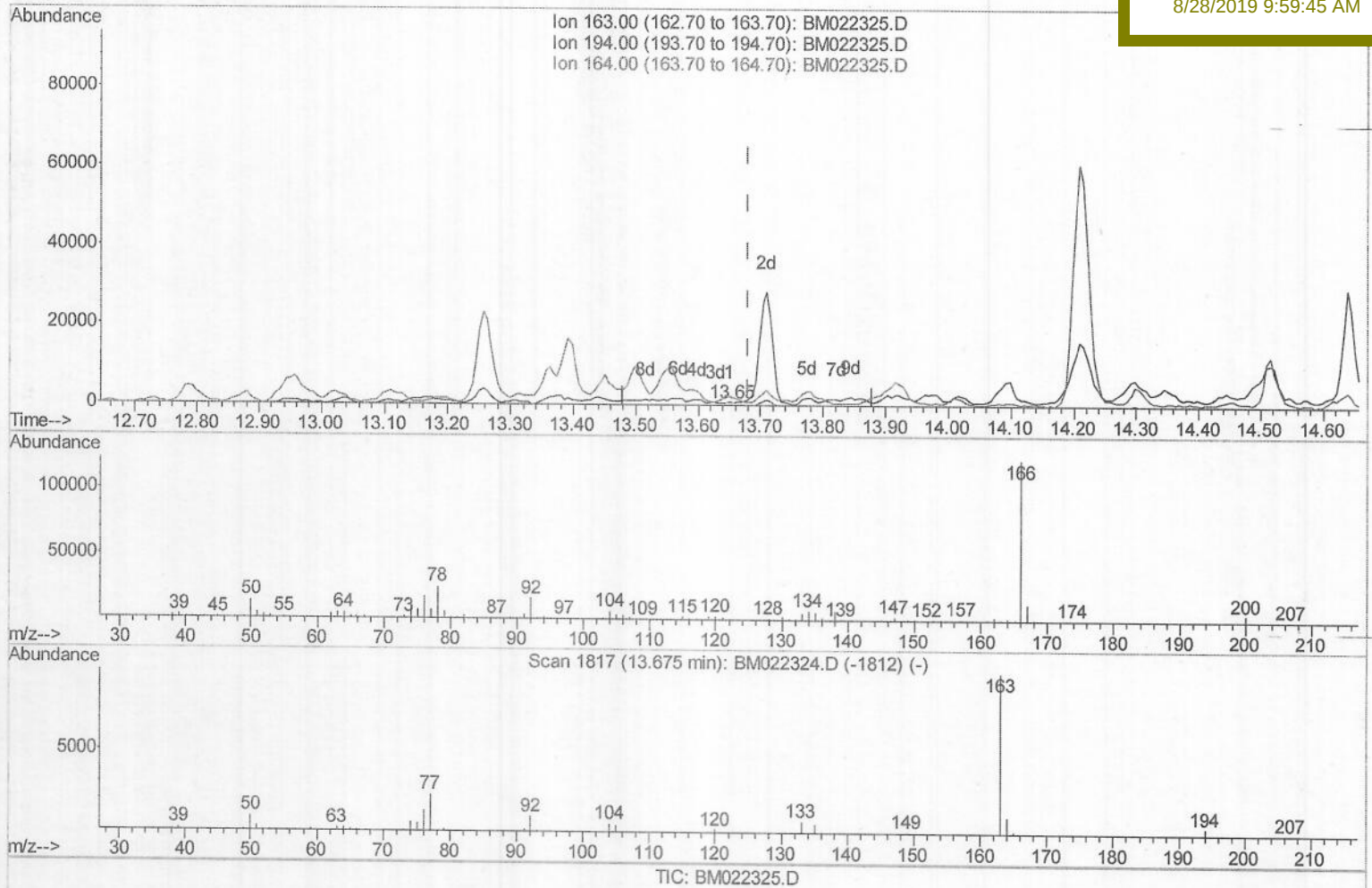
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Manual Integrations

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(44) Dimethylphthalate

13.651min (-0.029) 0.01ng/ul

response 67

Ion	Exp%	Act%
163.00	100	100
194.00	3.80	0.00#
164.00	9.80	299.09#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

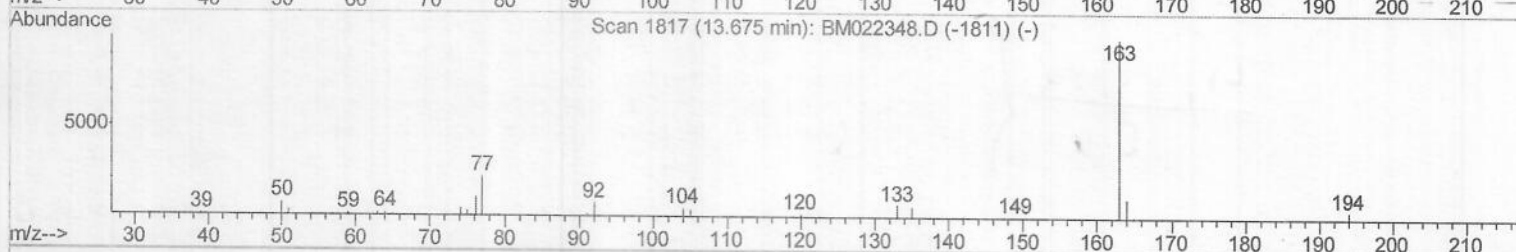
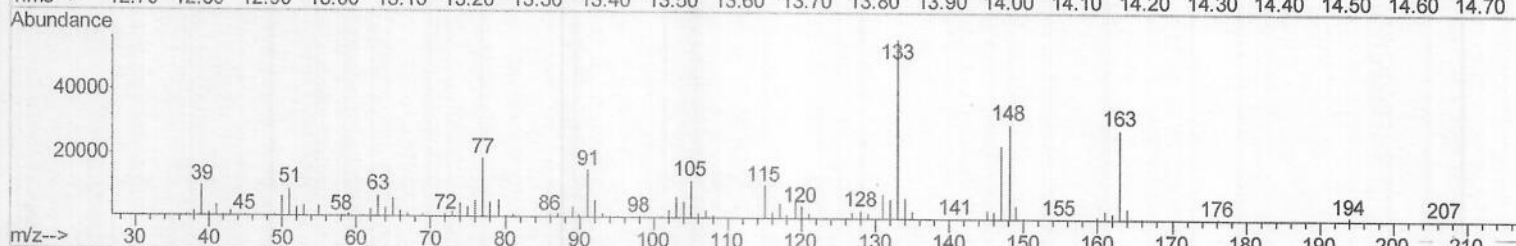
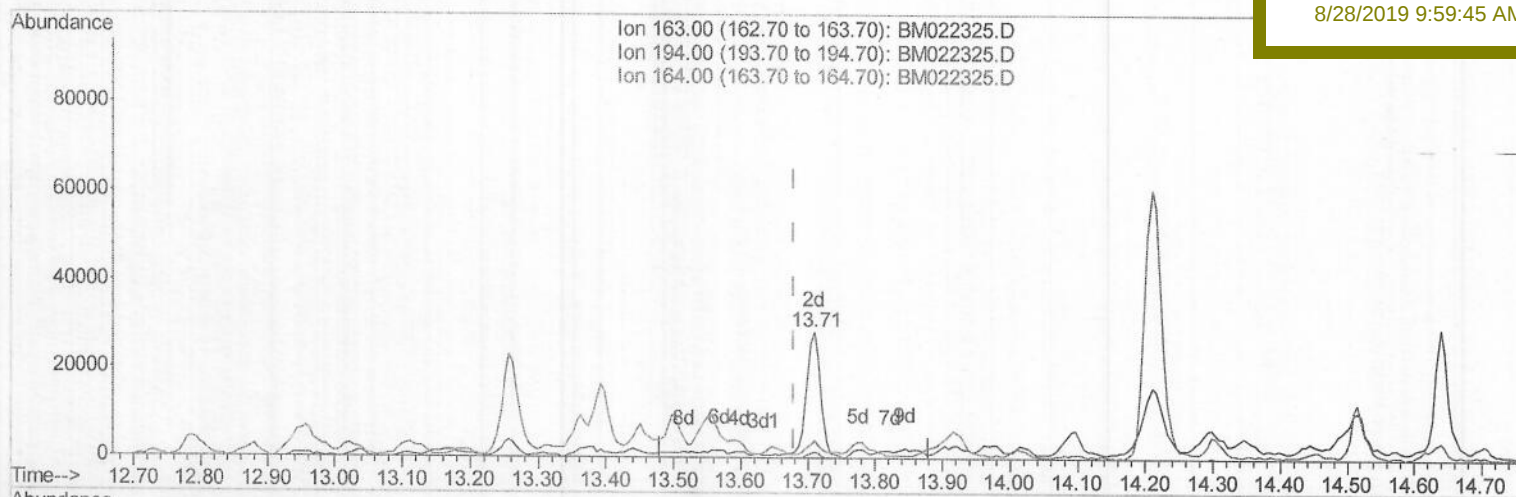
Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

C0AF8

Manual Integrations
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8/28/2019 9:59:45 AM

(44) Dimethylphthalate

13.710min (+0.029) 4.15ng/ul m) JU

response 40866

08/28/19

Ion	Exp%	Act%
163.00	100	100
194.00	3.80	4.71#
164.00	9.80	13.39#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:13:14 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

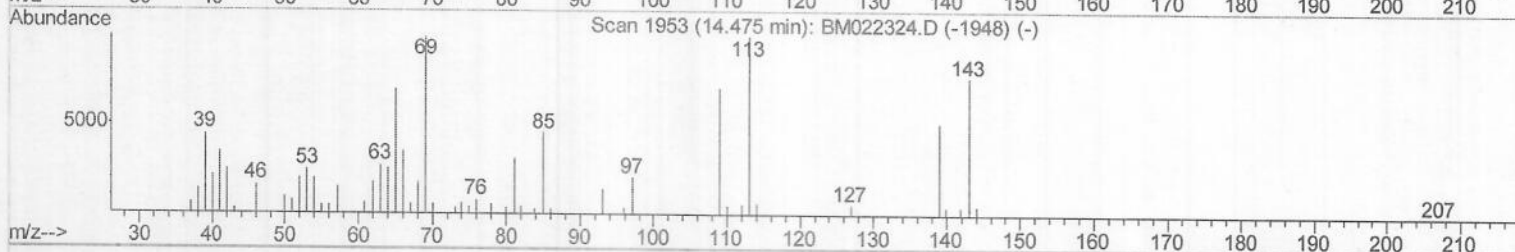
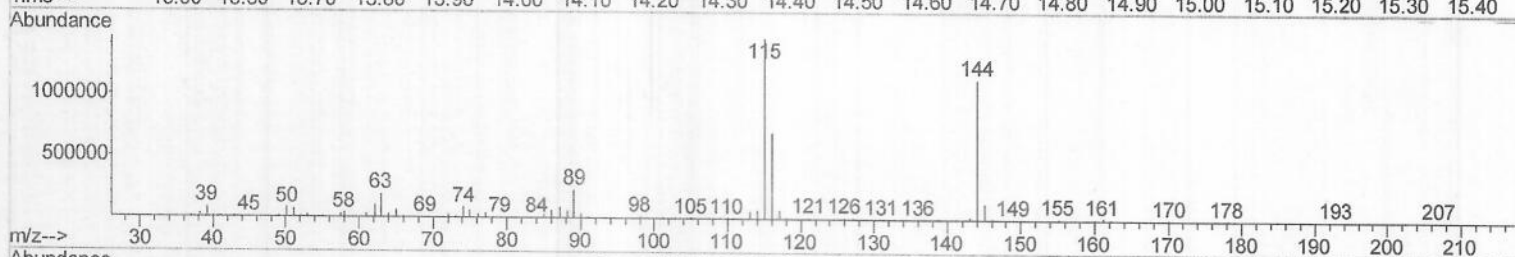
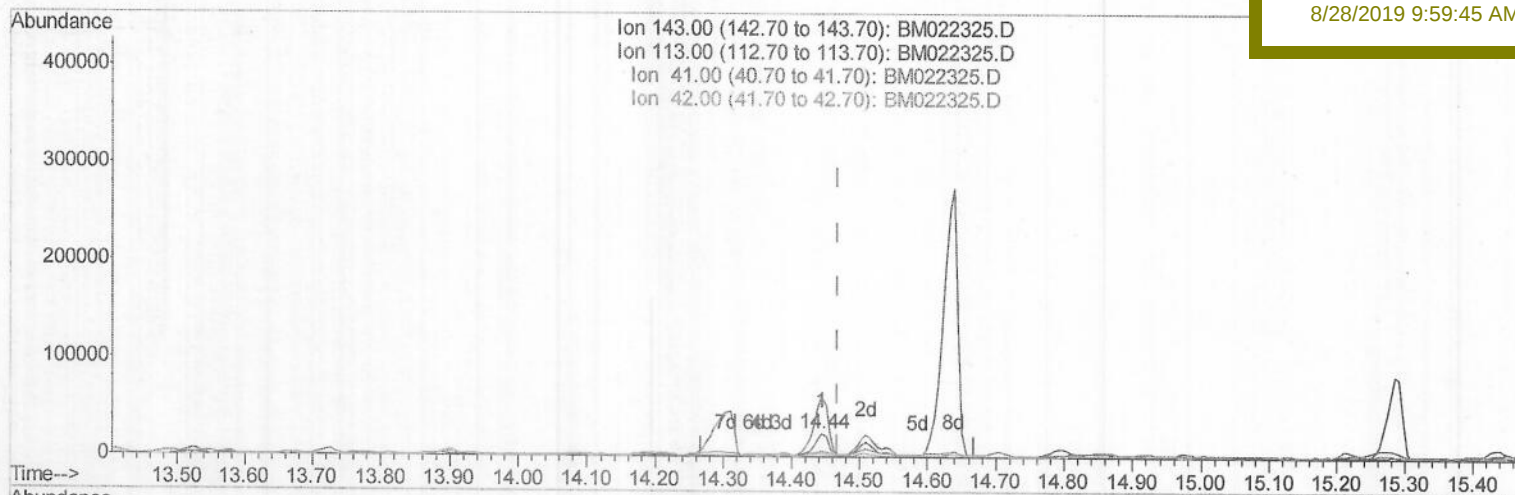
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Manual Integrations

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TIC: BM022325.D

(51) 4-Nitrophenol-d4 (S)

14.445min (-0.024) 22.31ng/ul

response 31951

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	261.76#
41.00	50.80	24.27#
42.00	27.00	13.95#

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

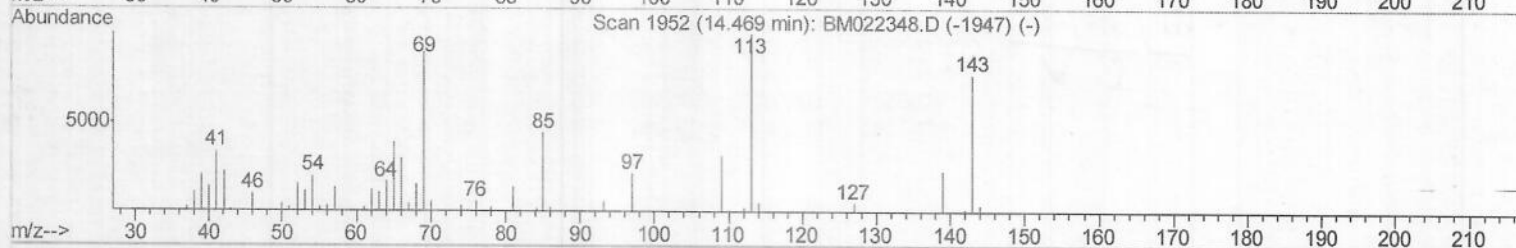
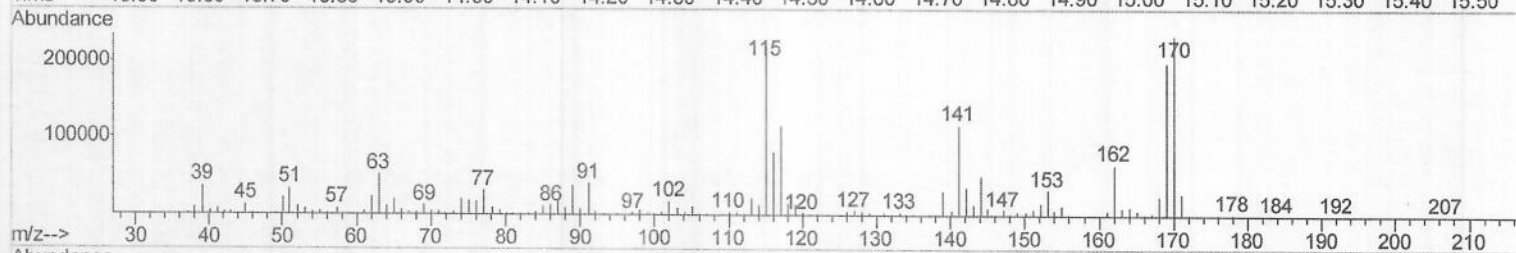
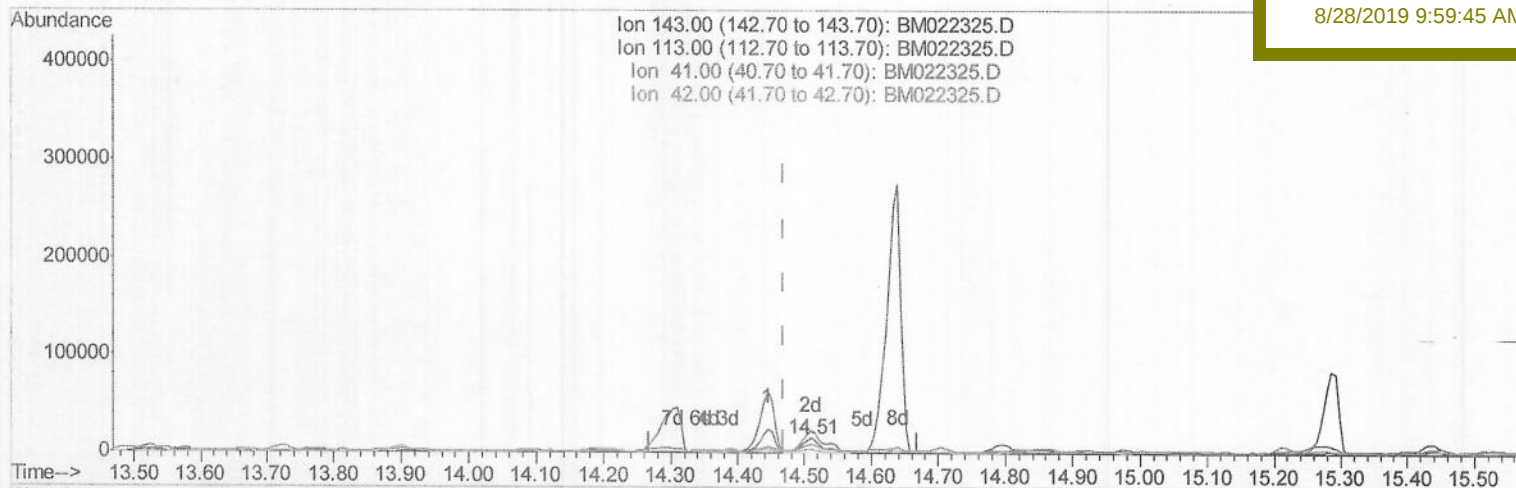
C0AF8

Manual Integrations

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8/28/2019 9:59:45 AM



TIC: BM022325.D

(51) 4-Nitrophenol-d4 (S)

14.510min (+0.041) 22.71ng/ul m

response 32518

Ion	Exp%	Act%
143.00	100	100
113.00	116.00	148.96#
41.00	50.80	56.36
42.00	27.00	24.74

JU
08/28/19

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:15:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

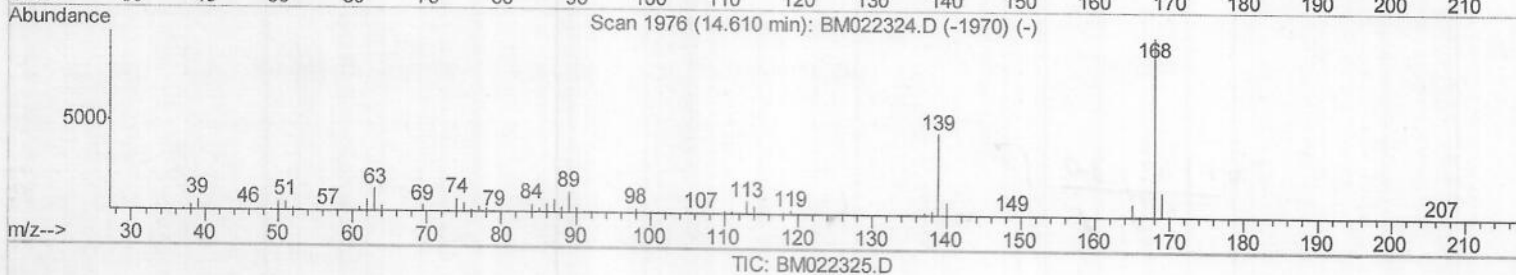
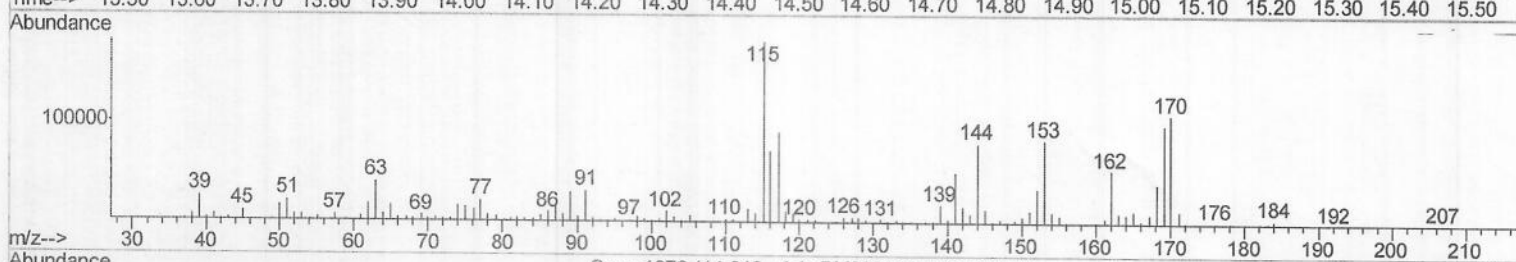
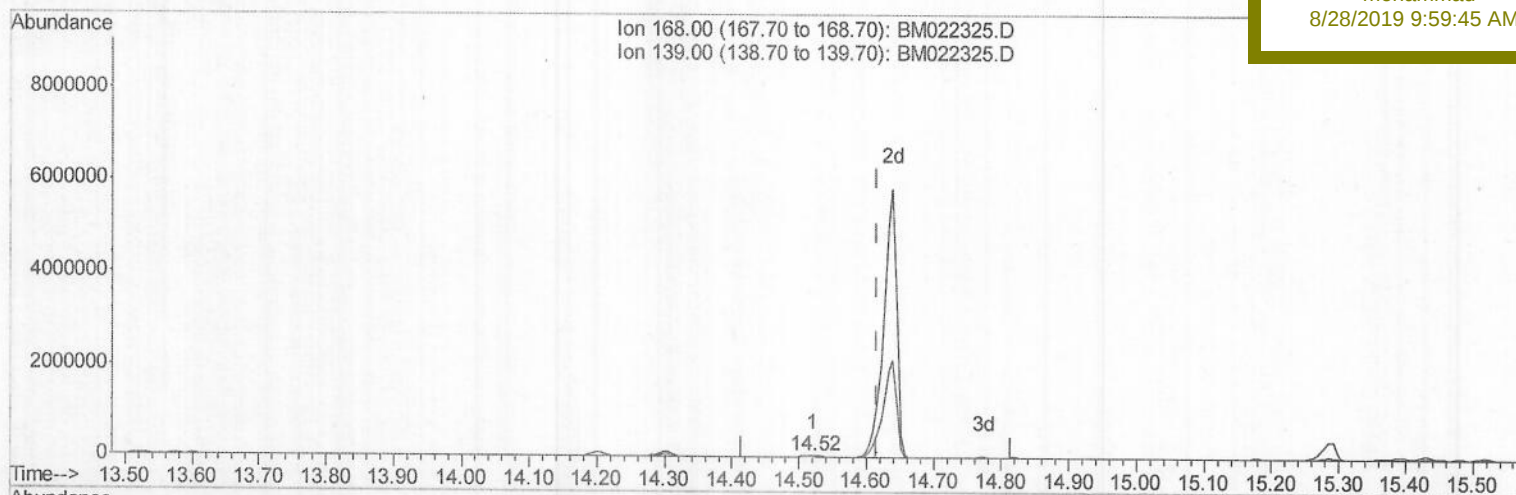
C0AF8

Manual Integrations

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8/28/2019 9:59:45 AM



(53) Dibenzo(f,h)quinoxaline

14.521min (-0.094) 5.61ng/ul

response 64024

Ion	Exp%	Act%
168.00	100	100
139.00	45.30	45.99
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

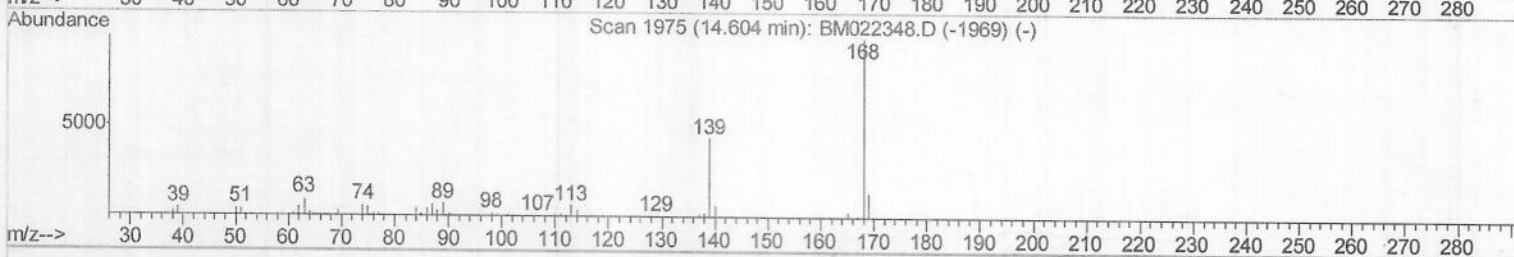
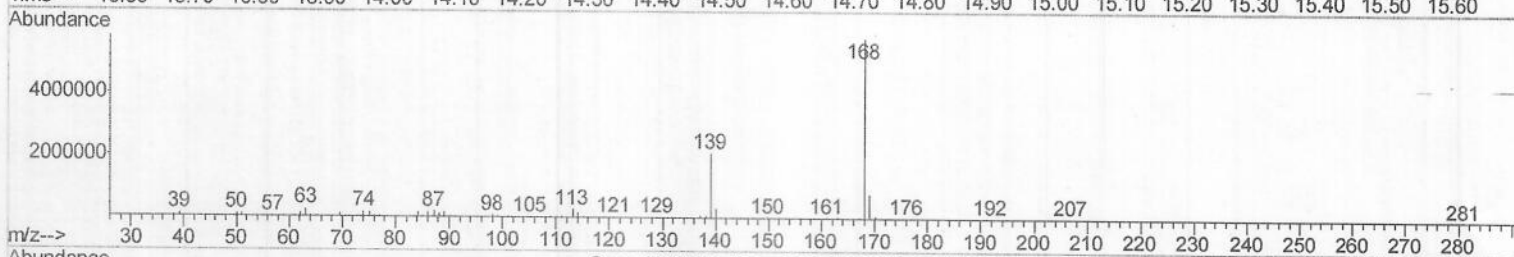
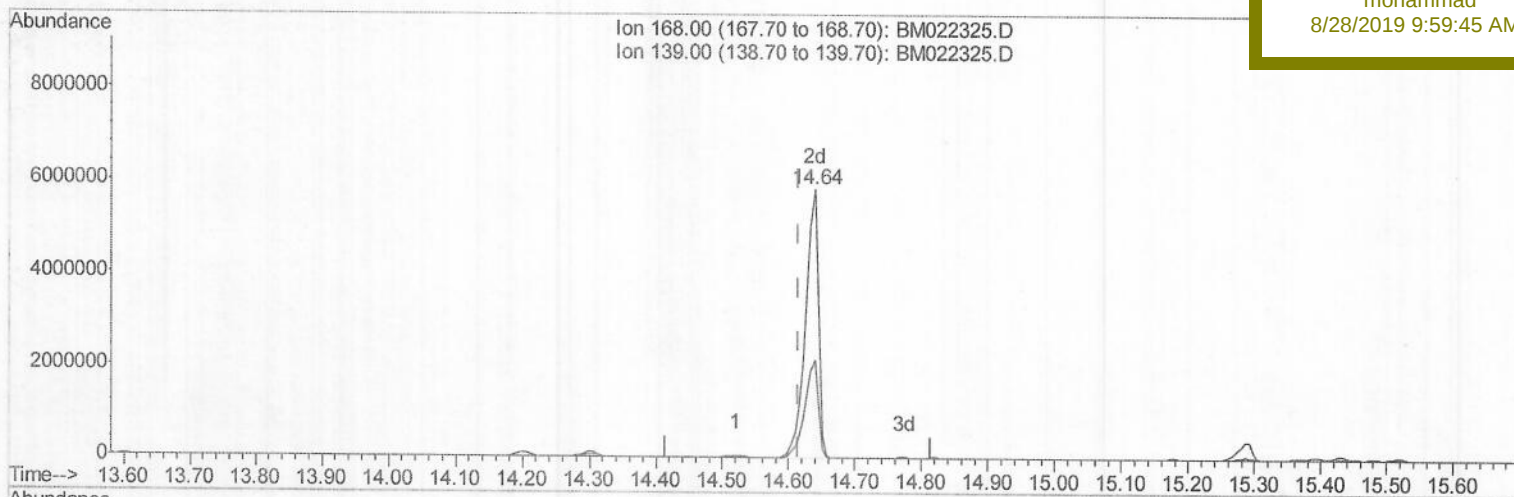
C0AF8

Manual Integrations

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mohammad

8/28/2019 9:59:45 AM



TIC: BM022325.D

(53) Dibenzofuran

14.639min (+0.023) 675.45ng/ul m) JU

response 7712236

08/28/19

Ion	Exp%	Act%
168.00	100	100
139.00	45.30	36.17#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 11:15:18 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

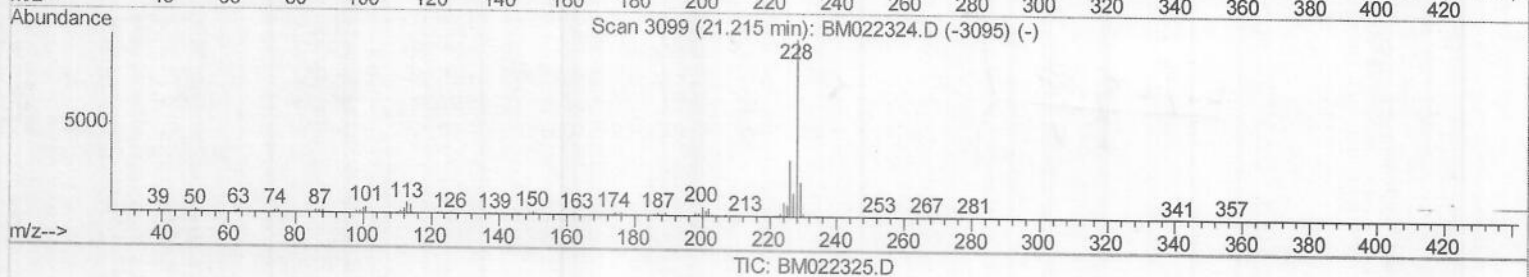
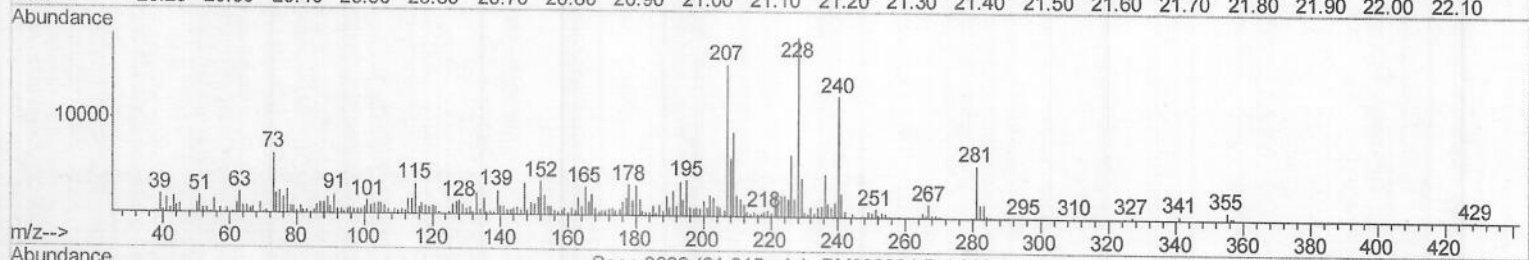
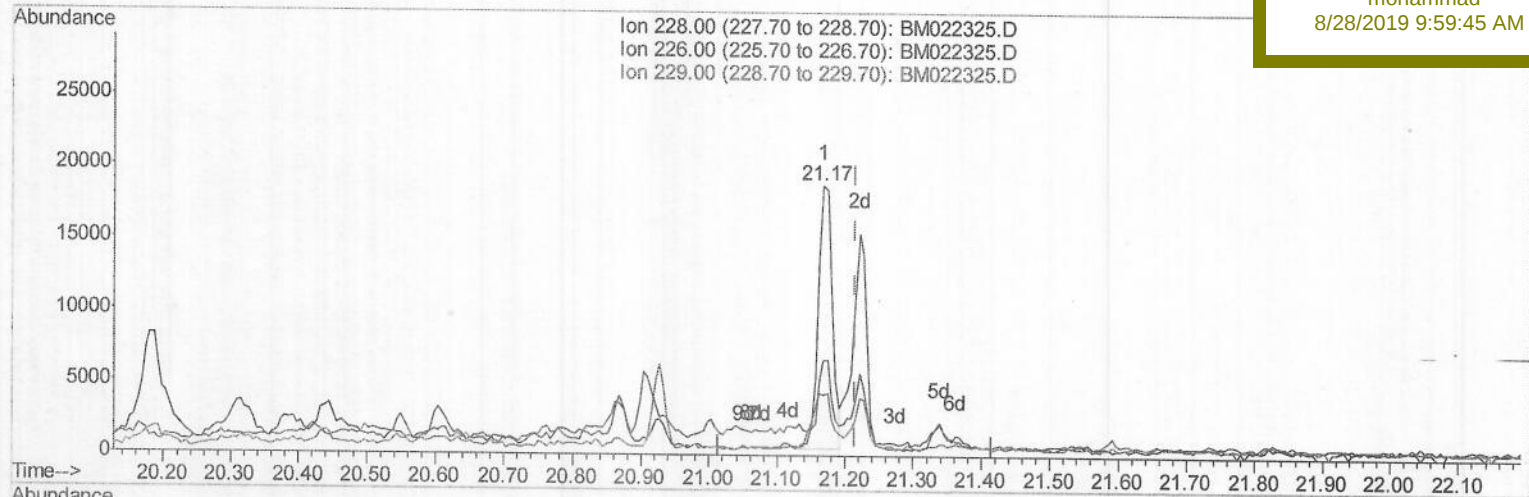
C0AF8

Manual Integrations

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8/28/2019 9:59:45 AM



(84) Chrysene

21.168min (-0.047) 1.94ng/ul

response 26543

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	35.29
229.00	19.60	22.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

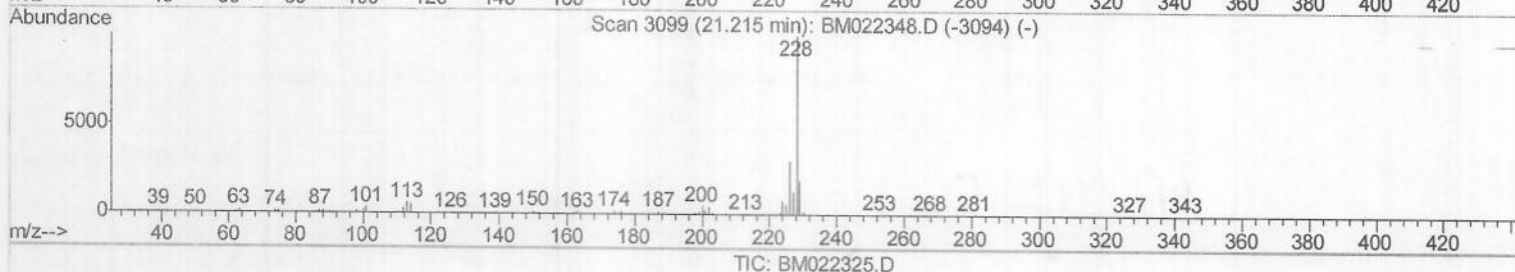
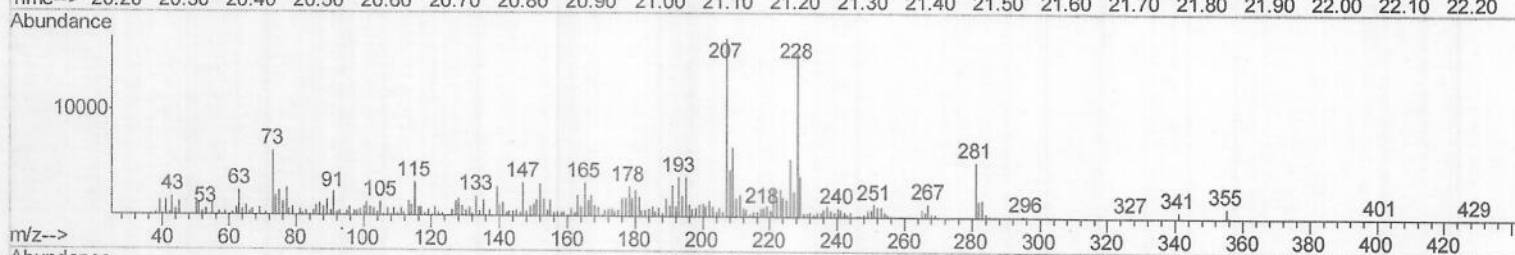
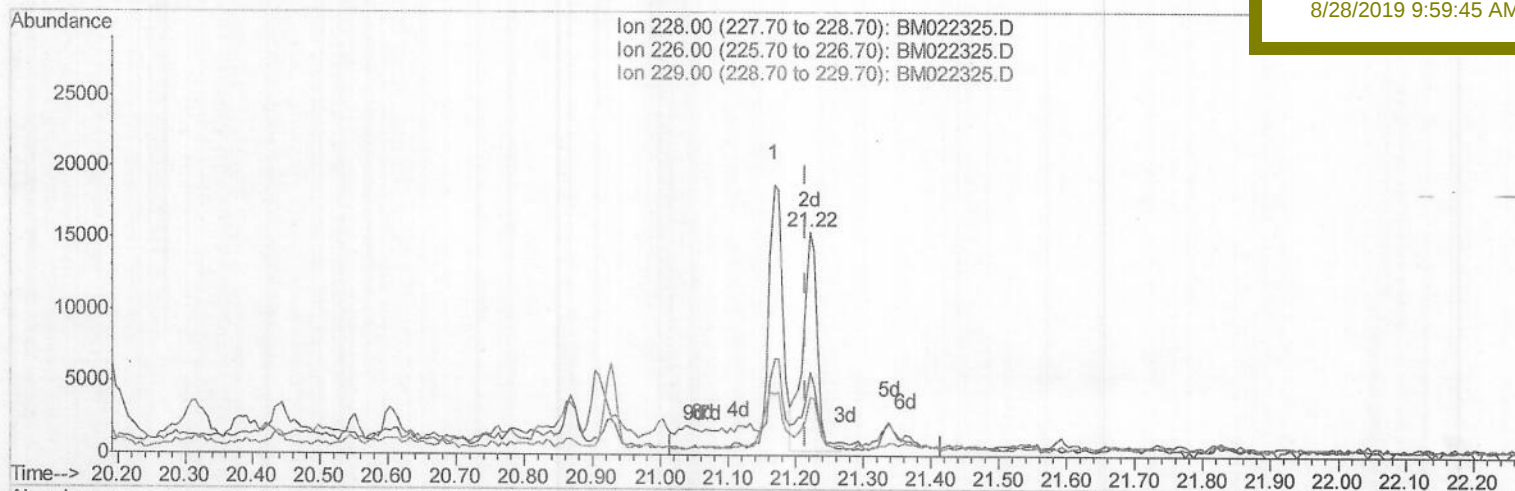
C0AF8

Manual Integrations

APPROVED

mohammad

8/28/2019 9:59:45 AM



(84) Chrysene

21.221min (+0.006) 1.63ng/ul m) 30

response 22206

Ion	Exp%	Act%
228.00	100	100
226.00	30.90	36.70
229.00	19.60	25.90#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

C0AF8

Manual Integrations

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8/28/2019 9:59:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	29410	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	189530m)	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.21	164	109778	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	289030	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	193921	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	178332	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	3651	5.56	ng/uL	0.00
5) Phenol-d5	6.75	99	18602	7.33	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.91	67	44464	30.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	54410	26.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	37406	17.00	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	37327	26.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	41034	24.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	78920	23.57	ng/ul	0.02
29) 4-Chloroaniline-d4	10.52	131	60965m)	14.97	ng/ul	0.02
43) Dimethylphthalate-d6	13.66	166	311000	32.17	ng/ul	0.03
46) Acenaphthylene-d8	13.90	160	336023	32.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	32518m)	22.71	ng/ul	0.04
57) Fluorene-d10	15.22	176	283532	35.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	33469	15.01	ng/ul	0.02
70) Anthracene-d10	17.08	188	783731	51.21	ng/ul	0.00
78) Pyrene-d10	19.39	212	534805	53.06	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	376045	38.38	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.77	94	10674	3.927	ng/ul# 77
10) 2-Chlorophenol	7.12	128	13583	6.385	ng/ul 96
11) 2-Methylphenol	8.00	108	225814	105.503	ng/ul 94
14) Acetophenone	8.42	105	11877	3.123	ng/ul# 95
16) 4-Methylphenol	8.33	108	74960	31.854	ng/ul 95
24) 2,4-Dimethylphenol	9.55	107	1057462	249.591	ng/ul 97
27) 2,4-Dichlorophenol	10.05	162	38971	11.487	ng/ul# 90
28) Naphthalene	10.41	128	44333341m)	4238.588	ng/ul
34) 2-Methylnaphthalene	12.01	142	1883042	233.663	ng/ul 95
40) 1,1'-Biphenyl	13.03	154	1035512	115.908	ng/ul 98
44) Dimethylphthalate	13.71	163	40866m)	4.154	ng/ul
47) Acenaphthylene	13.93	152	44771	4.146	ng/ul# 72
49) Acenaphthene	14.31	153	11809282	1540.453	ng/ul 97
53) Dibenzofuran	14.64	168	7712236m)	675.447	ng/ul
58) Fluorene	15.29	166	5886719	612.118	ng/ul 99
68) Pentachlorophenol	16.64	266	70626	25.361	ng/ul 96
69) Phenanthrene	17.04	178	9026699	522.043	ng/ul 97
71) Anthracene	17.12	178	450232	25.022	ng/ul 98
74) Carbazole	17.43	167	7704594	474.069	ng/ul 97
76) Fluoranthene	19.06	202	624547	23.969	ng/ul# 97
79) Pyrene	19.42	202	345238	27.505	ng/ul 97
82) Benzo(a)anthracene	21.17	228	26479	1.814	ng/ul# 88
84) Chrysene	21.22	228	22206m)	1.627	ng/ul

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082619\

Data File : BM022325.D

Acq On : 26 Aug 2019 11:39

Operator : HP/JU

Sample : K4373-19

Misc :

ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 27 14:47:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 27 10:56:53 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

C0AF8

Manual Integrations

APPROVED

mohammad

8/28/2019 9:59:45 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed