

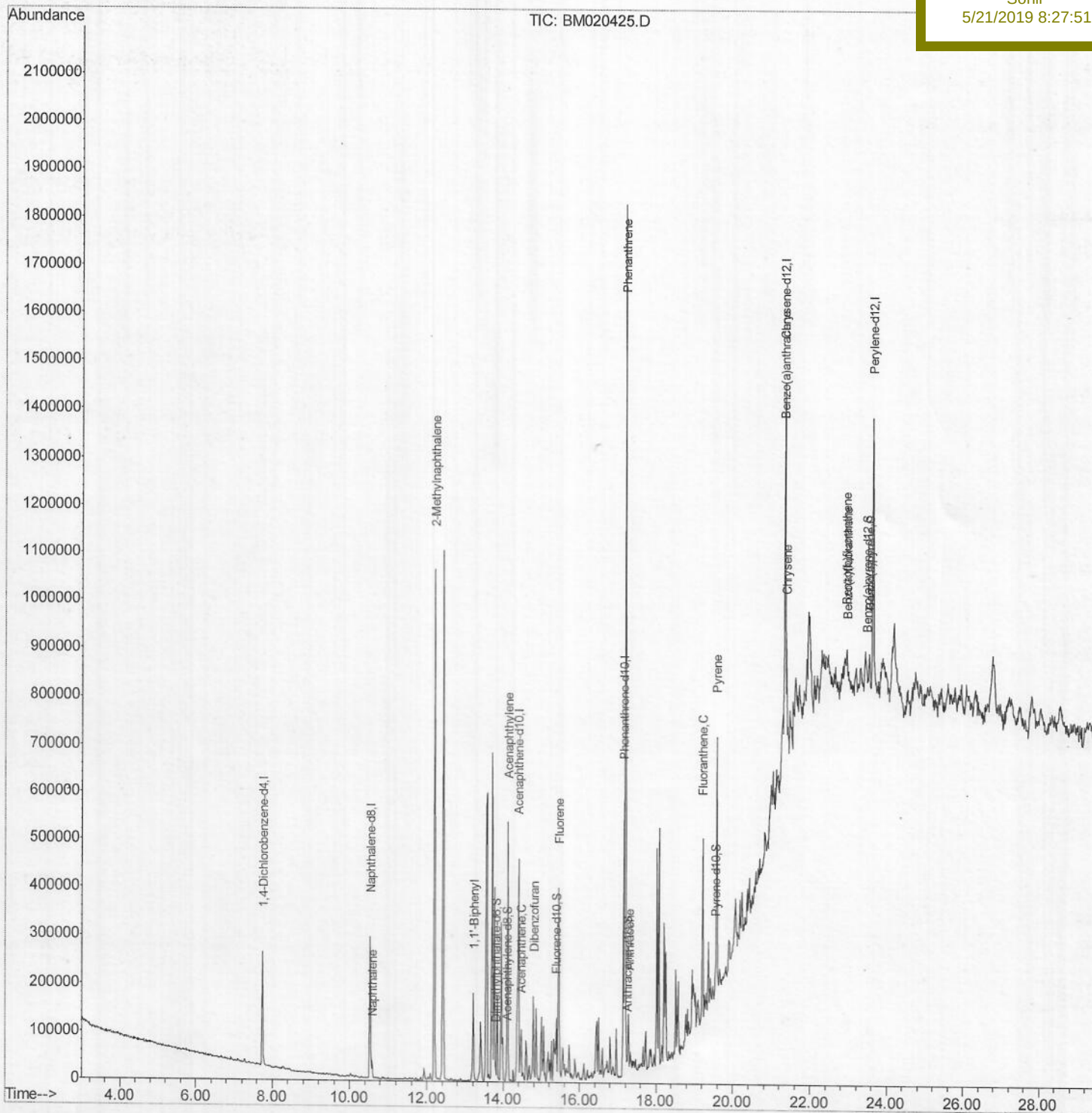
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\
Data File : BM020425.D
Acq On : 20 May 2019 11:05
Operator : JU/SJ
Sample : K2633-04DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 03:11:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 05:13:49 2019
Response via : Initial Calibration

Instrument :
BNA_M
Client Sampled :
GAJ96DL2

Manual Integrations
APPROVED

Sohil
5/21/2019 8:27:51 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

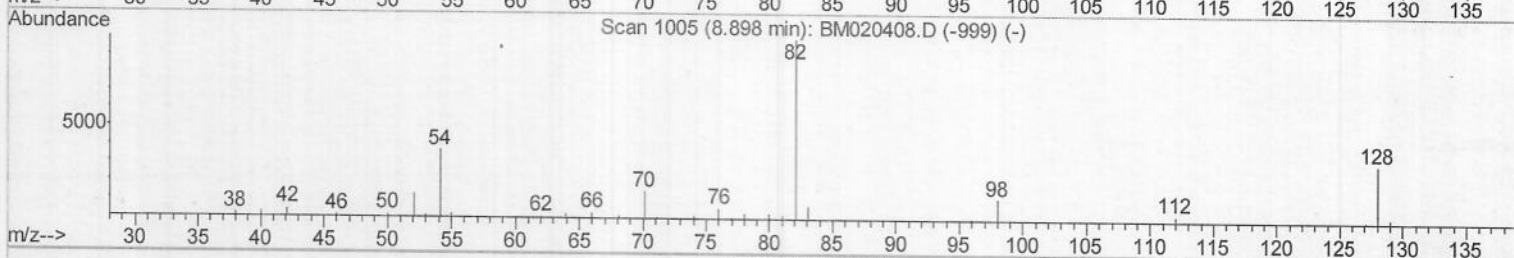
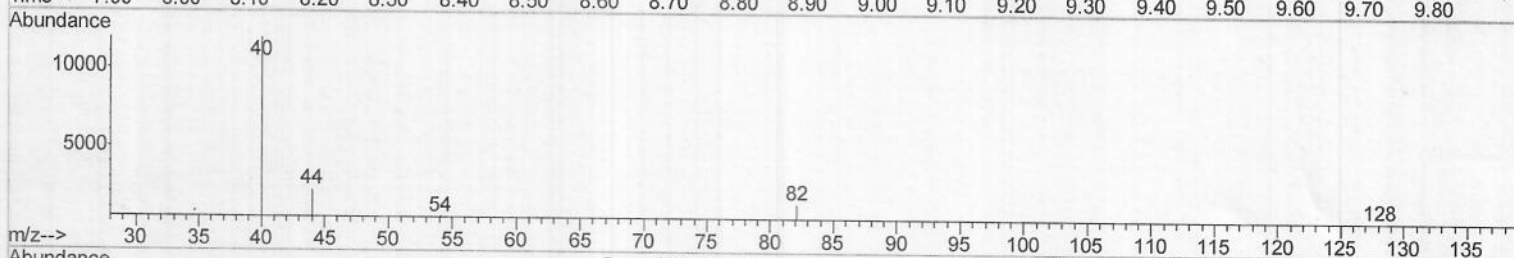
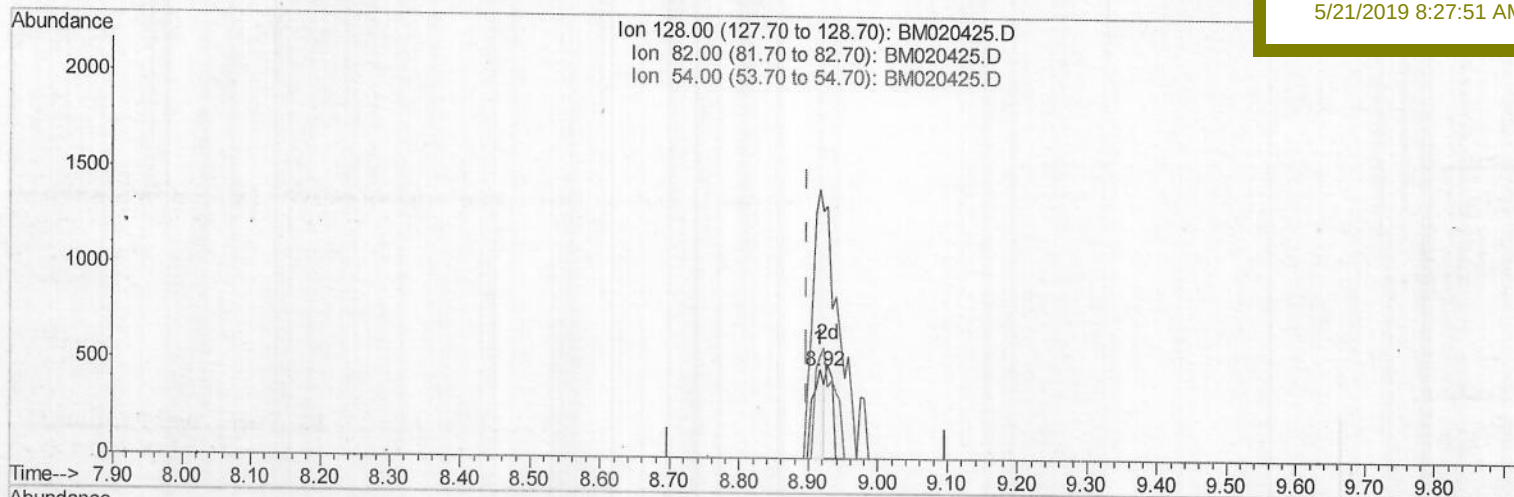
GAJ96DL2

Manual Integrations

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5/21/2019 8:27:51 AM



TIC: BM020425.D

(19) Nitrobenzene-d5 (S)

8.916min (+0.017) 0.33ng/ul

response 532

Ion	Exp%	Act%
128.00	100	100
82.00	303.00	306.13
54.00	104.80	115.97
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

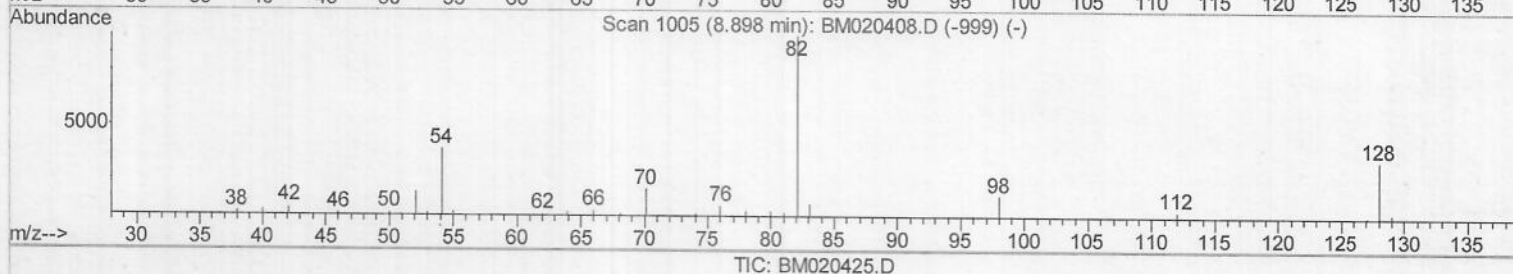
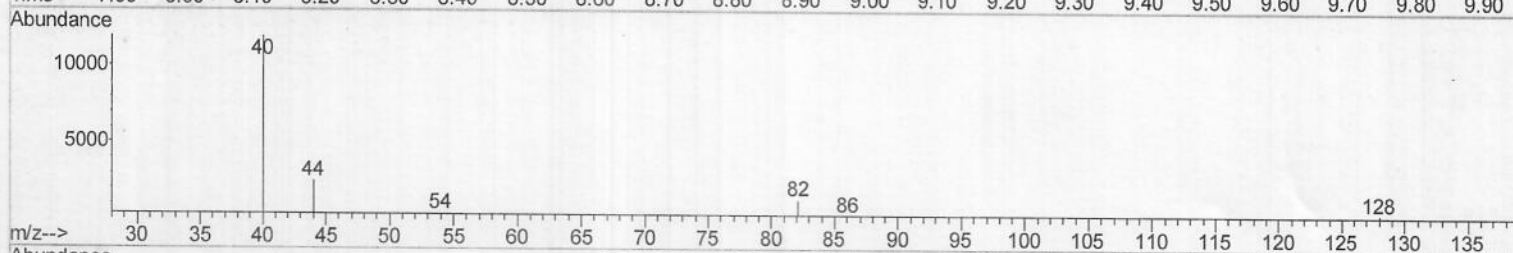
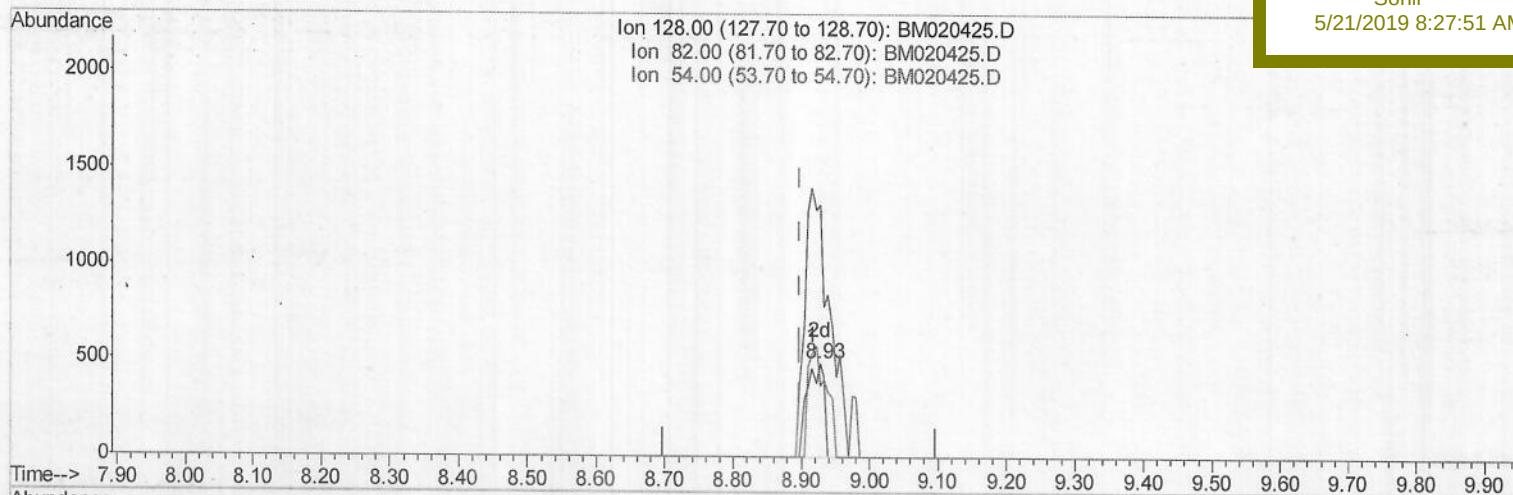
GAJ96DL2

Manual Integrations

APPROVED

Sohil

5/21/2019 8:27:51 AM



(19) Nitrobenzene-d5 (S)

8.928min (+0.029) 0.53ng/ul m

JU 05/21/19

response 849

Ion	Exp%	Act%
128.00	100	100
82.00	303.00	269.48
54.00	104.80	76.08#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

ClientSampleId :

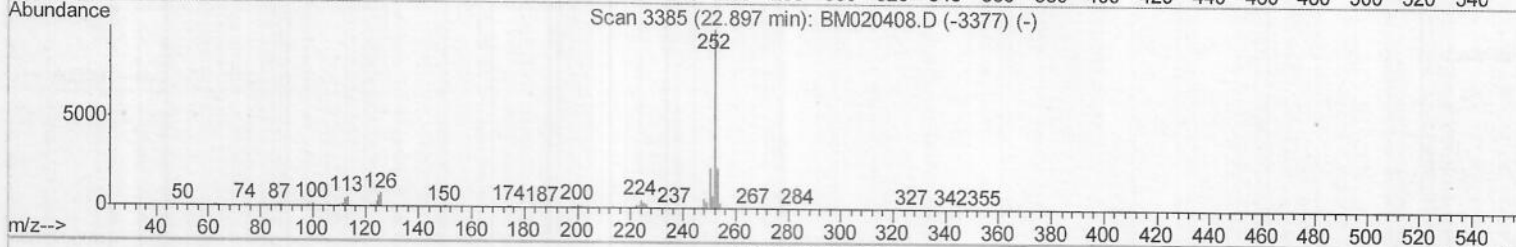
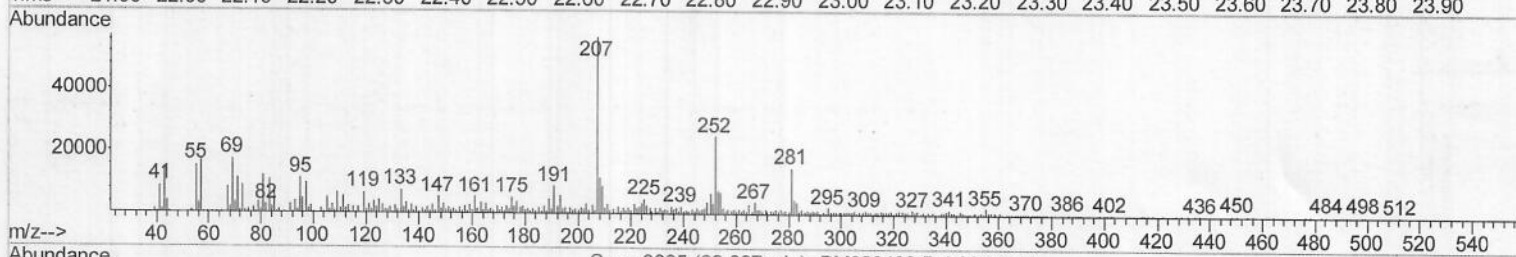
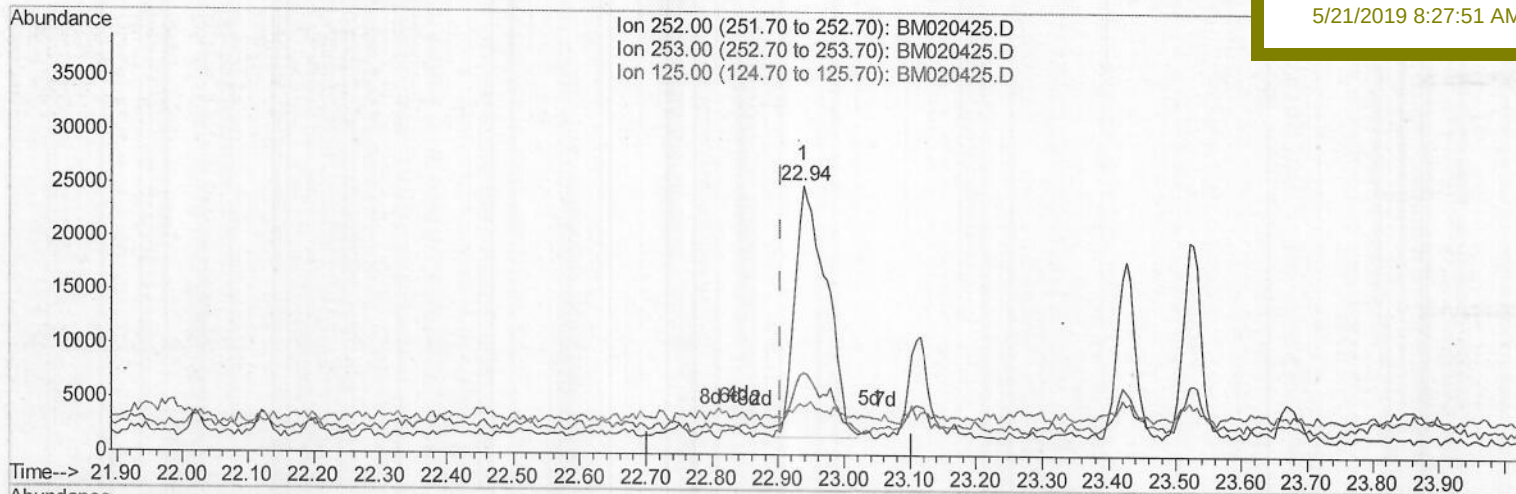
GAJ96DL2

Manual Integrations

APPROVED

Sohil

5/21/2019 8:27:51 AM



TIC: BM020425.D

(87) Benzo(b)fluoranthene

22.938min (+0.035) 3.47ng/ul

response 78452

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	30.14#
125.00	6.20	17.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

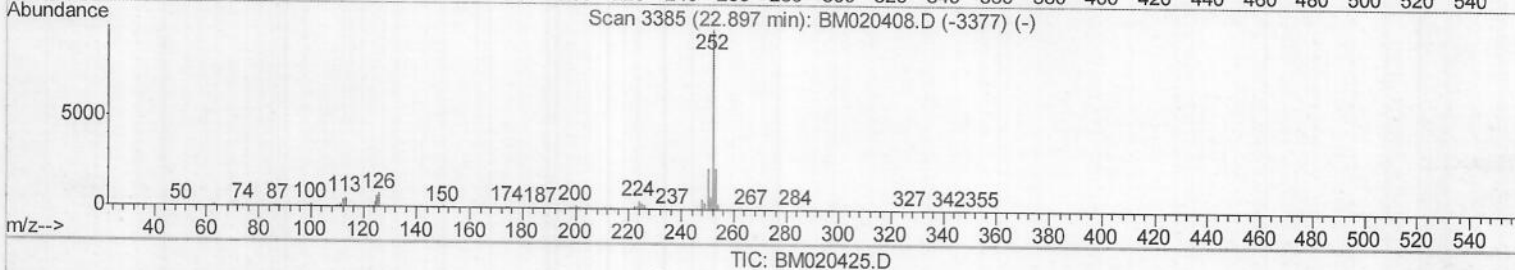
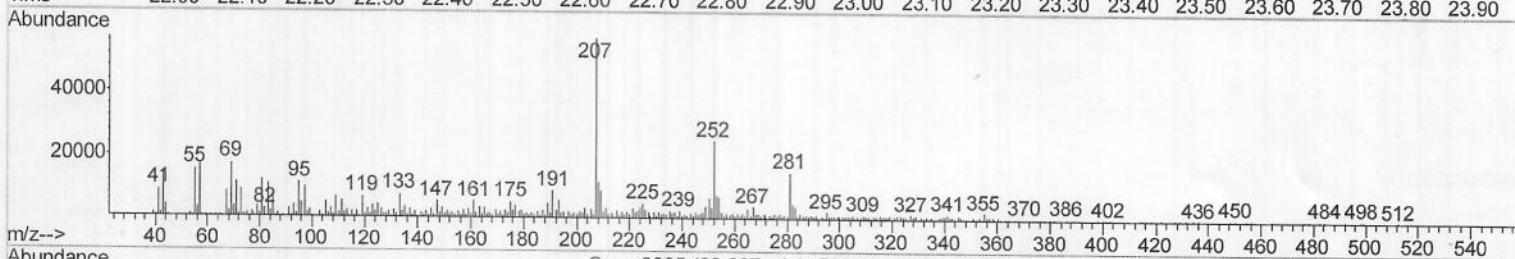
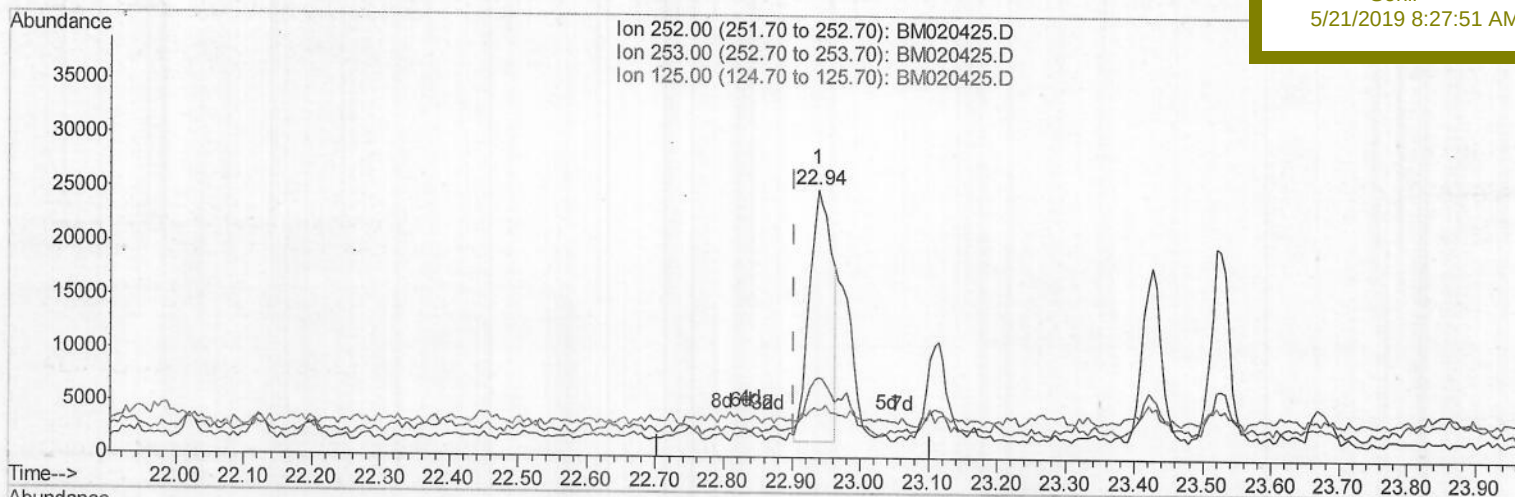
Client Sample ID :

GAJ96DL2

Manual Integrations
APPROVED

Sohil

5/21/2019 8:27:51 AM



TIC: BM020425.D

(87) Benzo(b)fluoranthene

22.938min (+0.035) 2.39ng/ul m) 5005/21/19

response 54039

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	30.14#
125.00	6.20	17.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

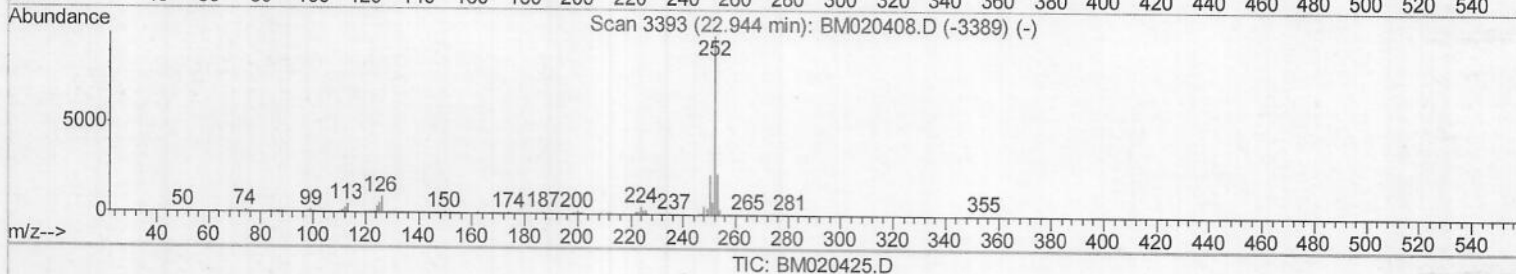
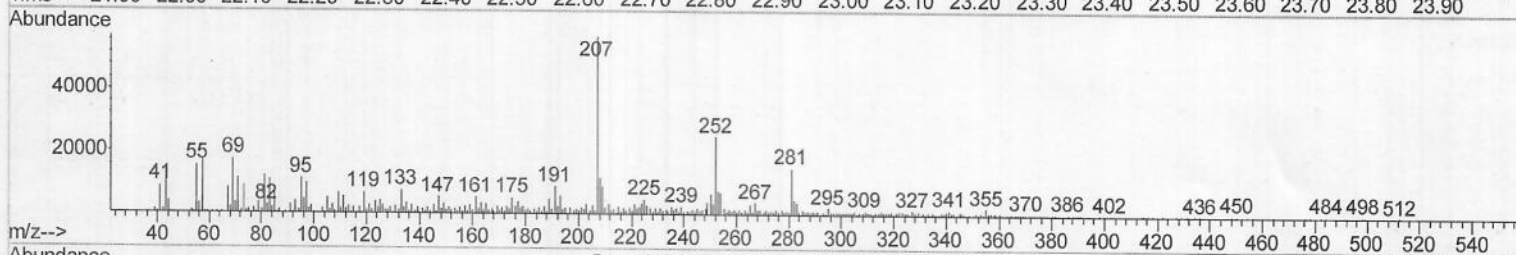
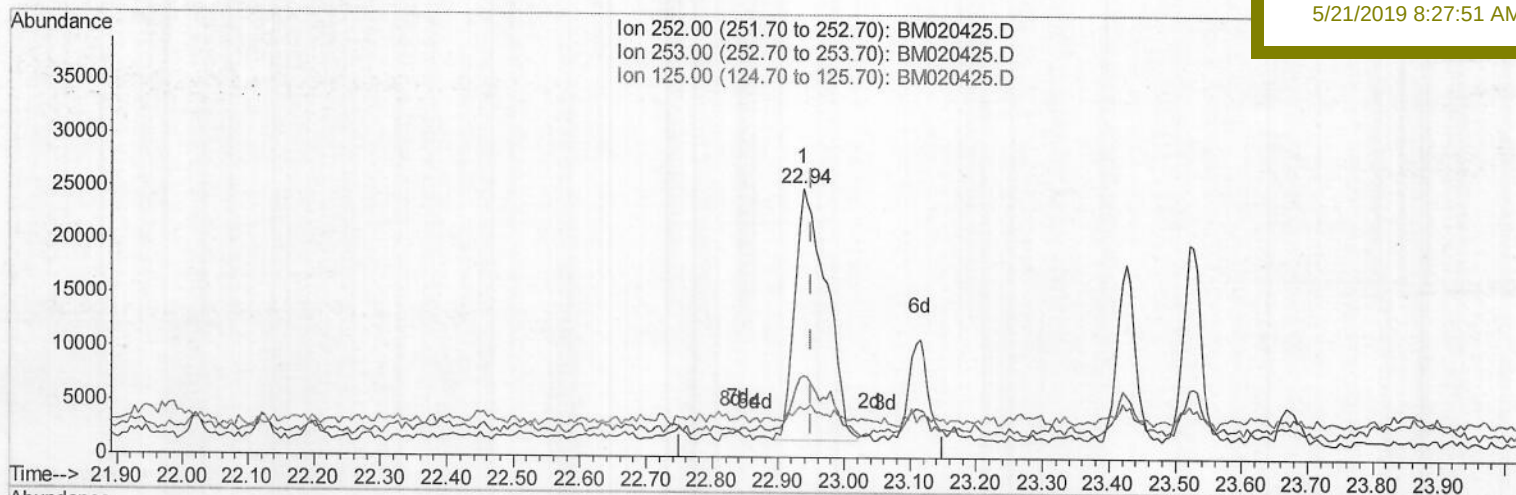
ClientSampled :

GAJ96DL2

Manual Integrations
APPROVED

Sohil

5/21/2019 8:27:51 AM



(88) Benzo(k)fluoranthene

22.938min (-0.012) 3.53ng/ul

response 78394

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	30.14#
125.00	6.30	17.59#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 02:22:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

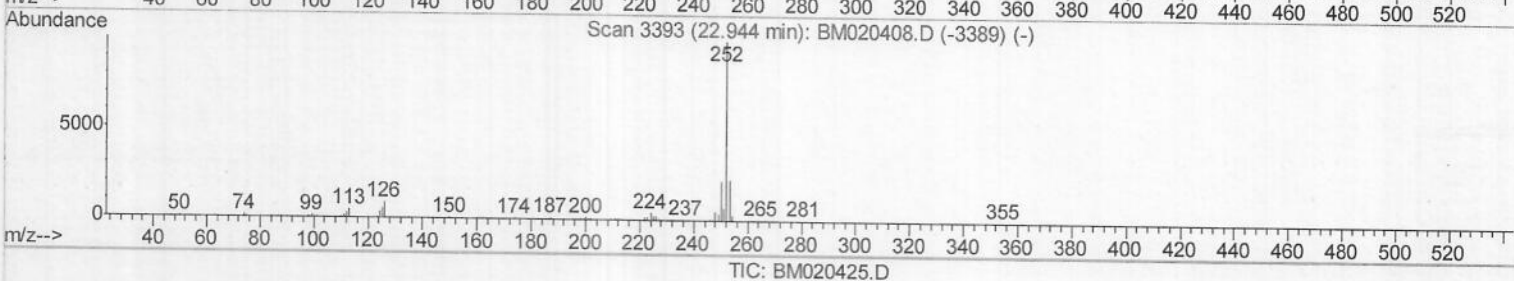
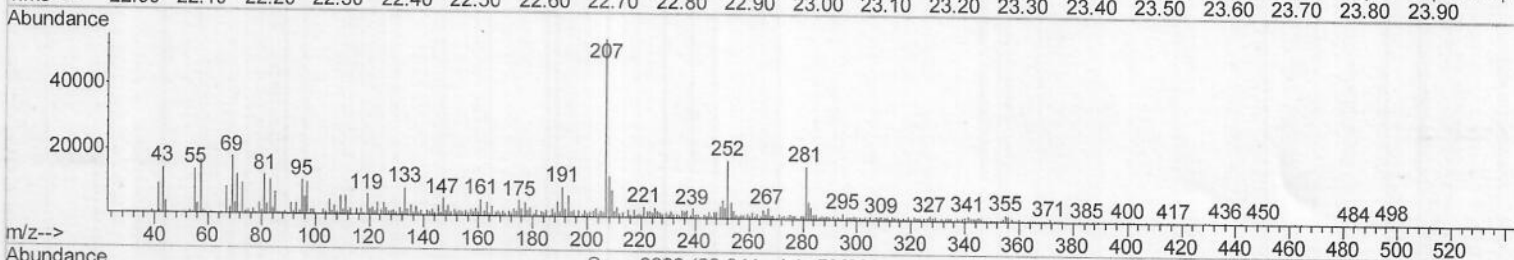
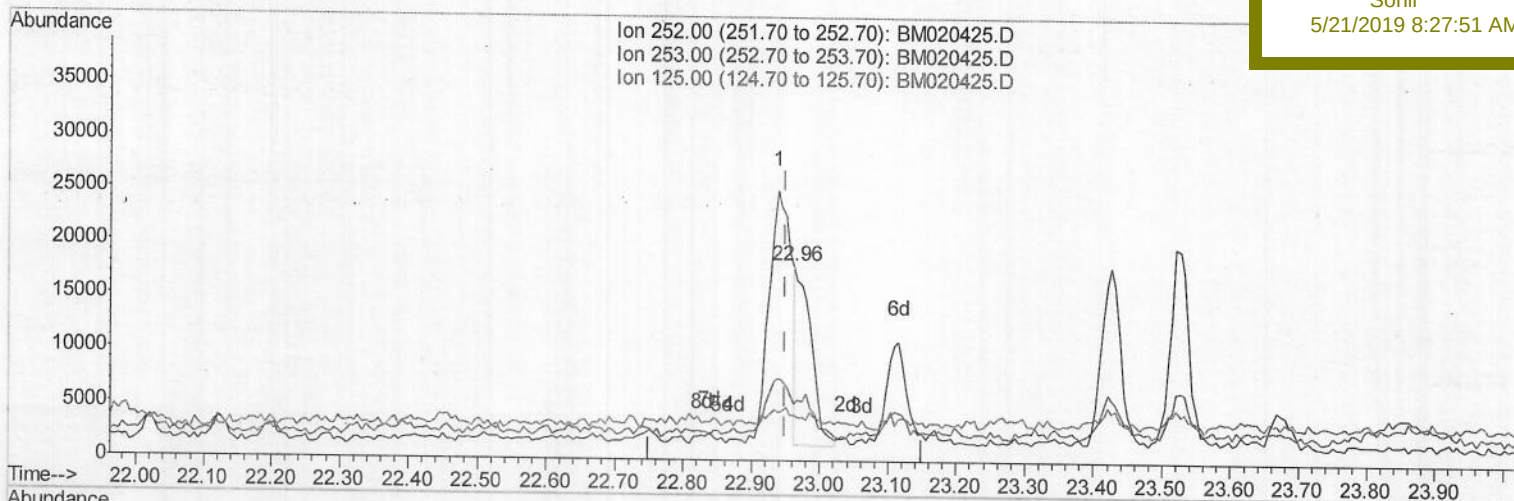
Client Sampled :

GAJ96DL2

Manual Integrations
APPROVED

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5/21/2019 8:27:51 AM



(88) Benzo(k)fluoranthene

22.962min (+0.012) 1.11ng/ul m

response 24545

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	28.98#
125.00	6.30	23.49#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052019\

Data File : BM020425.D

Acq On : 20 May 2019 11:05

Operator : JU/SJ

Sample : K2633-04DL2 30X

Misc :

ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 21 03:11:57 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat May 18 05:13:49 2019

Response via : Initial Calibration

Instrument :

BNA_M

Client Sampled :

GAJ96DL2

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	66035	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	247472	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.39	164	147597	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.14	188	333176	20.00	ng/ul	0.01
77) Chrysene-d12	21.34	240	327670	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	395890	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	307	0.17	ng/uL	0.02
5) Phenol-d5	6.92	99	2724	0.52	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.09	67	1789	0.53	ng/ul	0.02
9) 2-Chlorophenol-d4	7.27	132	2573	0.67	ng/ul	0.01
13) 4-Methylphenol-d8	8.46	113	845	0.22	ng/ul	0.03
19) Nitrobenzene-d5	8.93	128	849m	0.53	ng/ul	0.03
22) 2-Nitrophenol-d4	9.63	143	765	0.43	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.17	165	1887	0.50	ng/ul	0.02
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.80	166	11274	1.06	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	13457	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.39	176	10567	1.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.24	188	17058	1.19	ng/ul	0.01
78) Pyrene-d10	19.54	212	19150	1.21	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.48	264	18262	1.02	ng/ul	0.04

Target Compounds

					Qvalue	
28) Naphthalene	10.58	128	27079	2.382	ng/ul#	97
34) 2-Methylnaphthalene	12.20	142	472052	57.341	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	93953	8.892	ng/ul	99
47) Acenaphthylene	14.12	152	284029	22.675	ng/ul	96
49) Acenaphthene	14.46	153	34995	4.064	ng/ul	97
53) Dibenzofuran	14.79	168	39765	3.049	ng/ul	94
58) Fluorene	15.44	166	189340	18.125	ng/ul	99
69) Phenanthrene	17.19	178	1120536	70.585	ng/ul	100
71) Anthracene	17.28	178	80452	4.982	ng/ul	98
76) Fluoranthene	19.21	202	200696	10.008	ng/ul	99
79) Pyrene	19.57	202	308650	15.693	ng/ul	98
82) Benzo(a)anthracene	21.33	228	112177	5.688	ng/ul#	92
84) Chrysene	21.38	228	100978	5.358	ng/ul	94
87) Benzo(b)fluoranthene	22.94	252	54039m	2.392	ng/ul	
88) Benzo(k)fluoranthene	22.96	252	24545m	1.106	ng/ul	
90) Benzo(a)pyrene	23.52	252	34799	1.637	ng/ul#	71

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