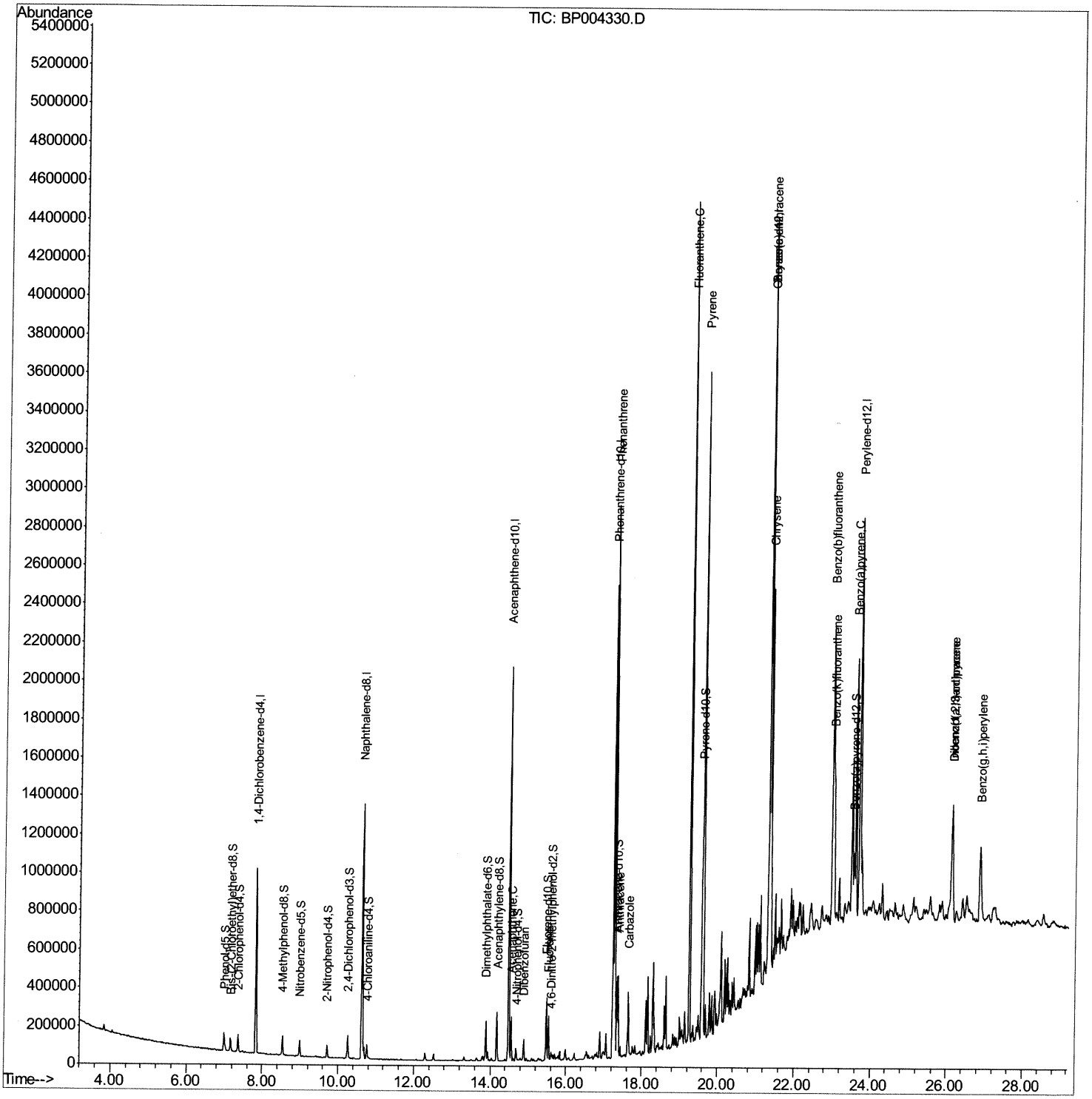
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004330.D
Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 17 00:49:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:04:11 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A54C8DL

Manual Integrations APPROVED
mohammad
12/18/2020 10:25:10 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
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Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
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Quant Time: Dec 17 00:15:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
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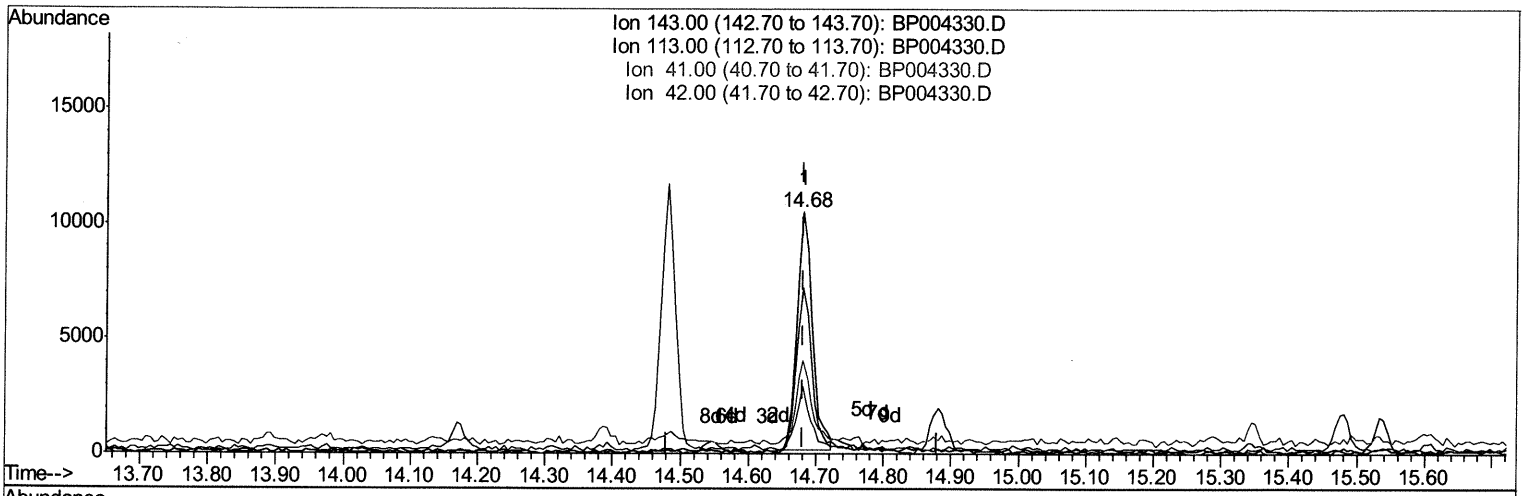

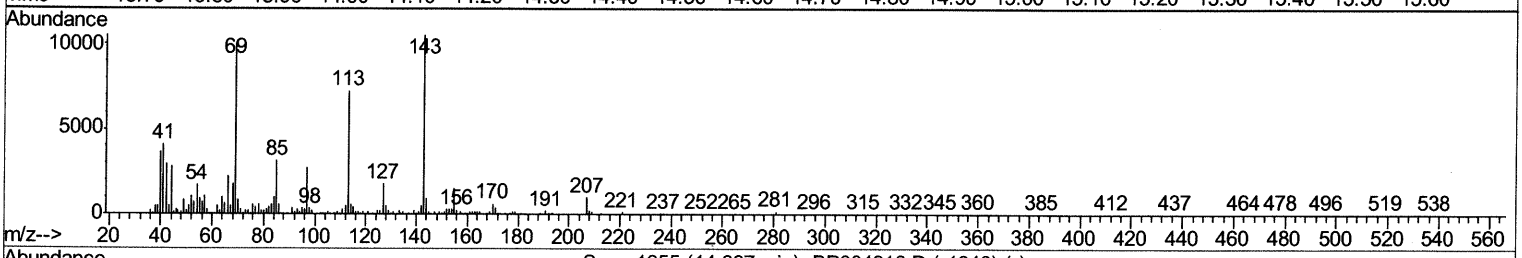

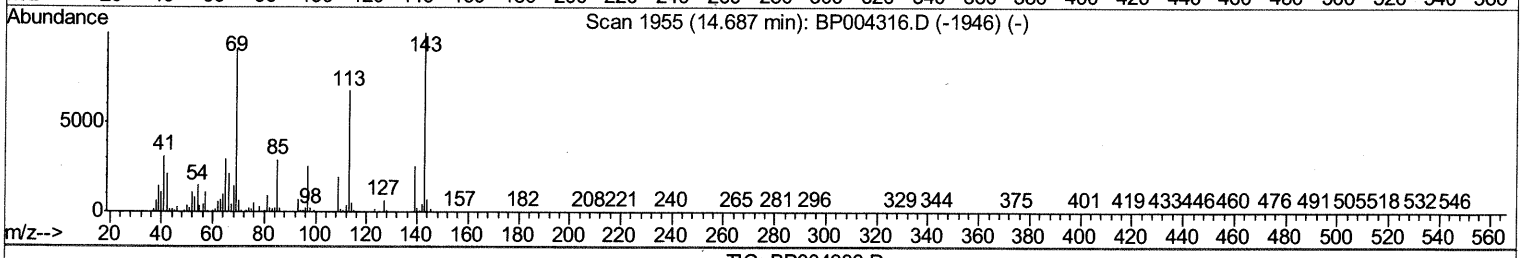

TIC: BP004330.D

(52) 4-Nitrophenol-d4 (S)

14.681min (0.000) 1.77ng/ul

response 16320

Ion	Exp%	Act%
143.00	100	100
113.00	68.90	68.62
41.00	35.40	38.79
42.00	24.70	28.02

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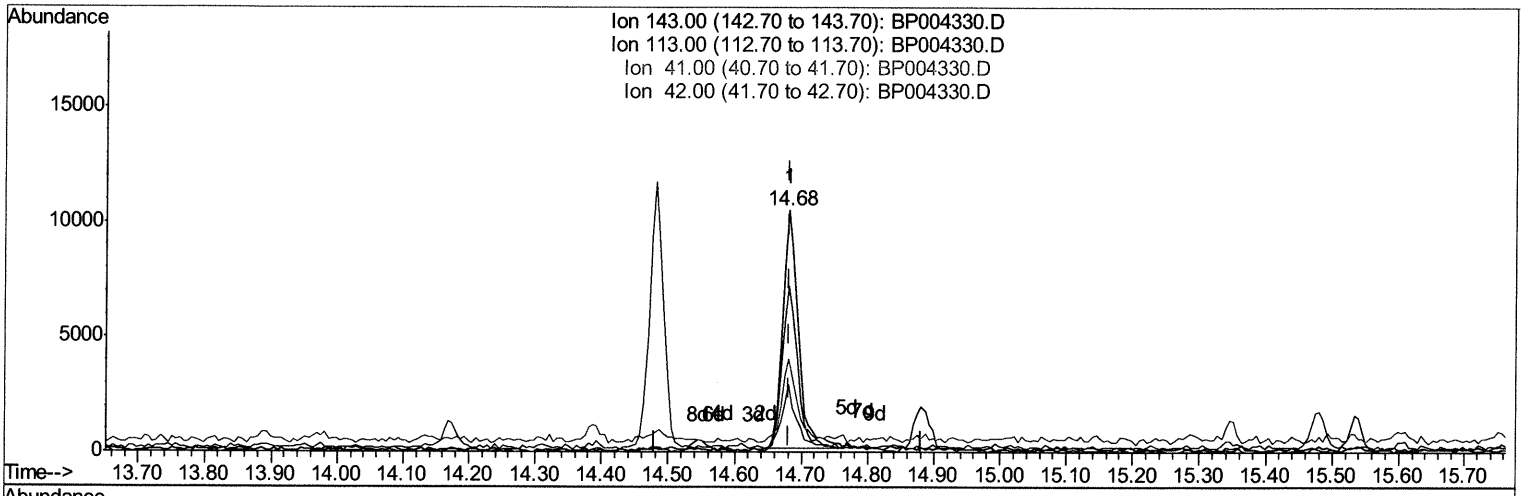
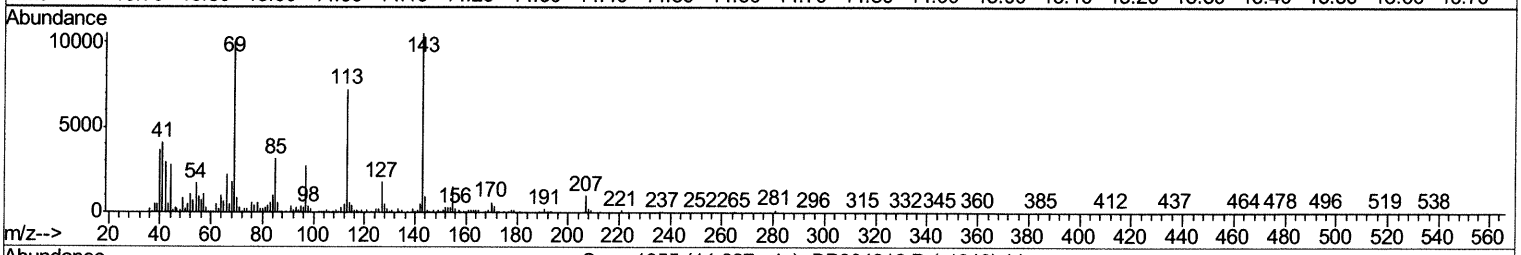
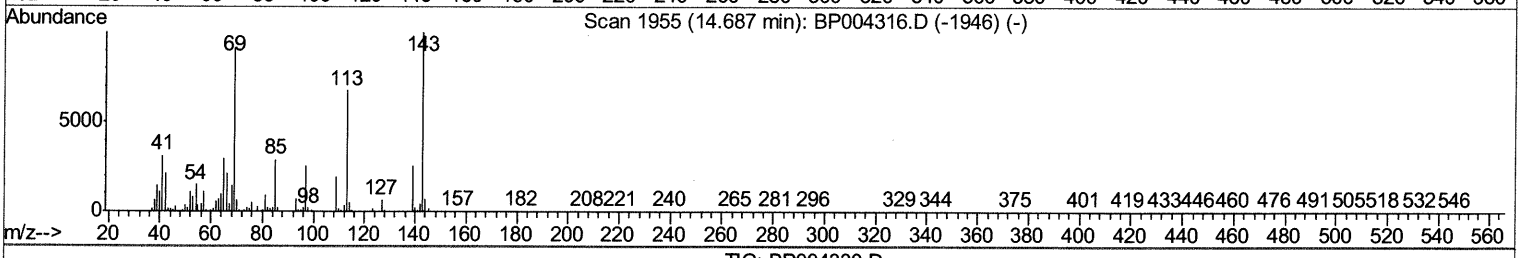
Manual Integrations APPROVED
mohammad
12/18/2020 10:25:10 AM







TIC: BP004330.D

(52) 4-Nitrophenol-d4 (S)

14.681min (0.000) 1.86ng/ul m 12/21/2020

response 17101

Ion	Exp%	Act%
143.00	100	100
113.00	68.90	68.62
41.00	35.40	38.79
42.00	24.70	28.02

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
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Acq On : 16 Dec 2020 18:21
Operator : CG/JU
Sample : L5001-10DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 17 00:47:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 00:04:11 2020
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Instrument :
BNA_P
ClientSampleId :
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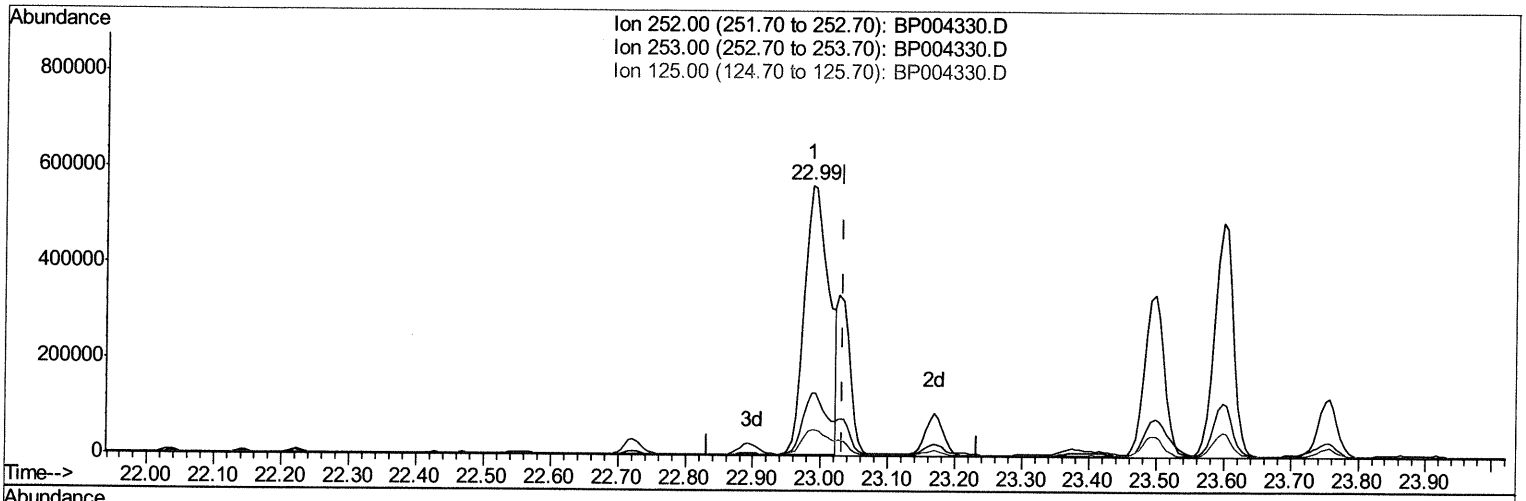
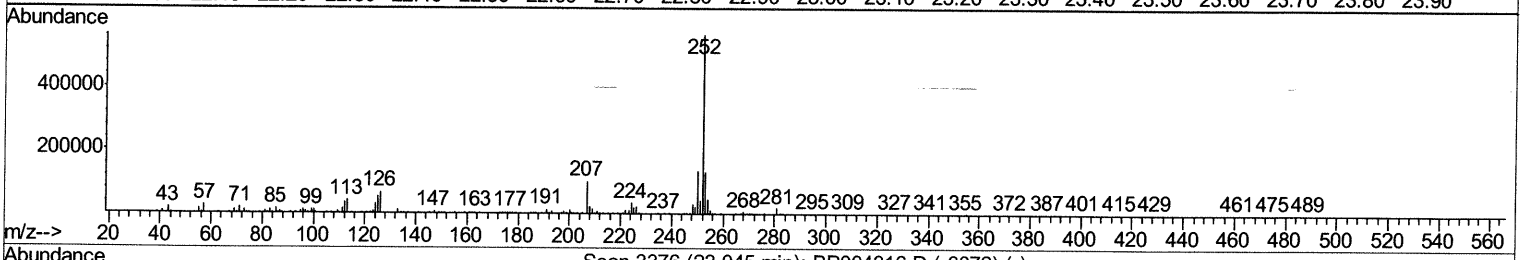
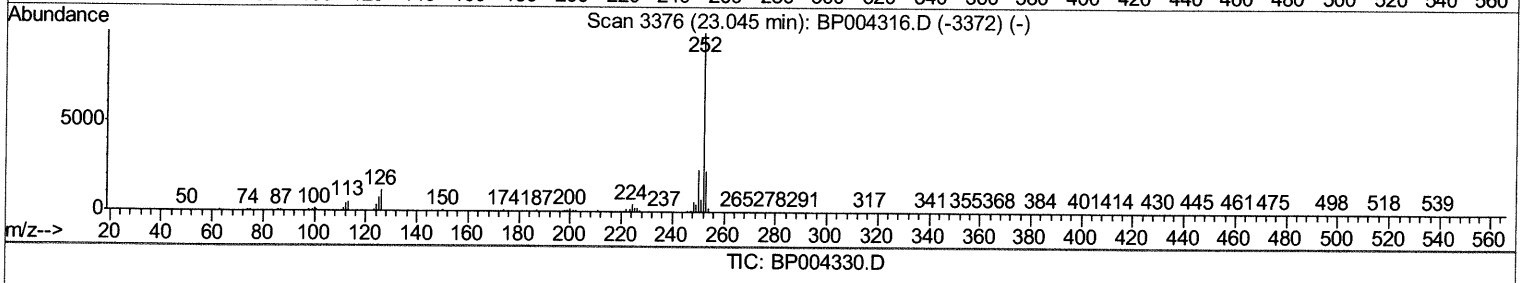
Manual Integrations APPROVED
mohammad
12/18/2020 10:25:10 AM







TIC: BP004330.D

(89) Benzo(k)fluoranthene

22.986min (-0.047) 13.01ng/ul

response 1441432

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.09
125.00	9.10	9.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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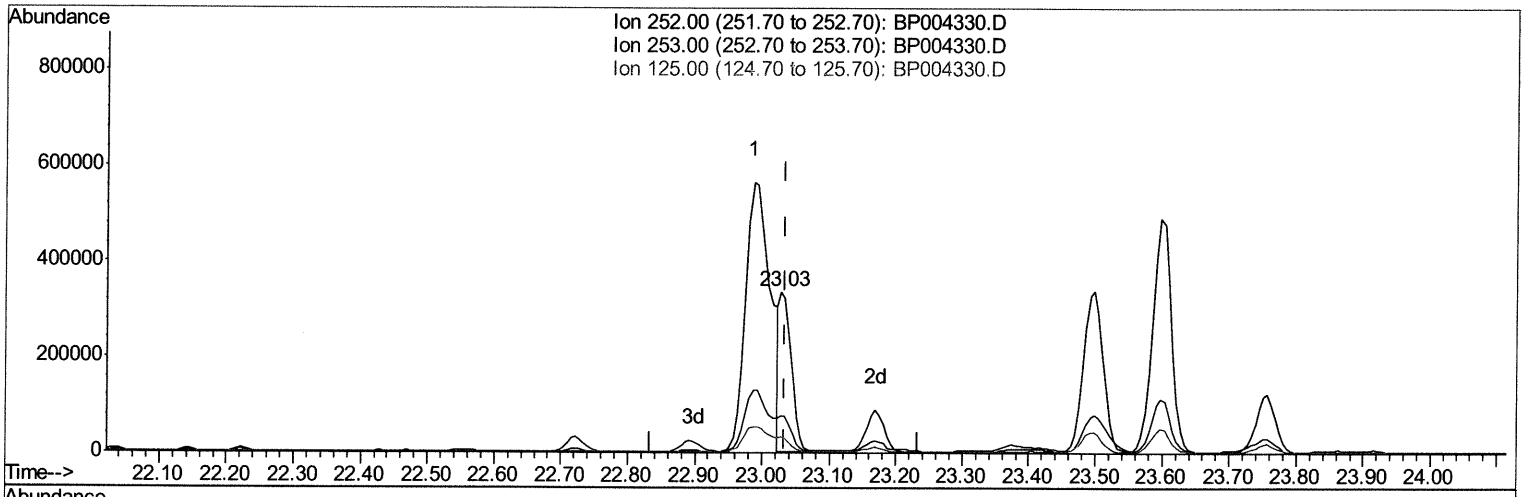
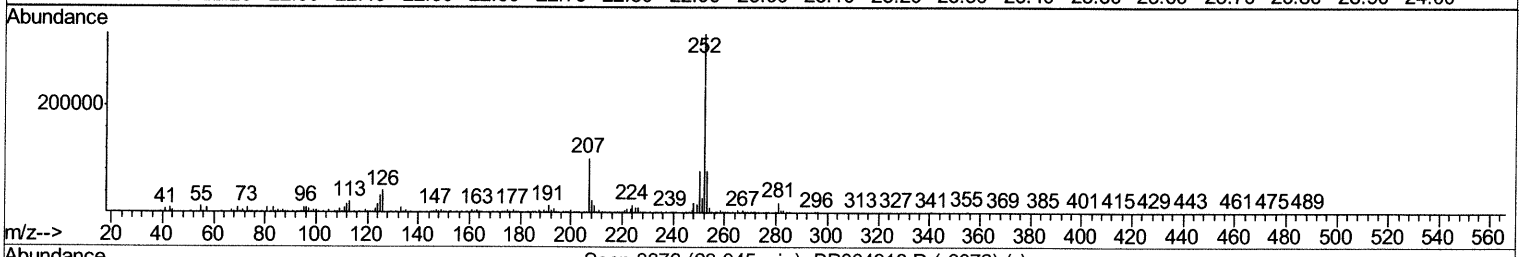
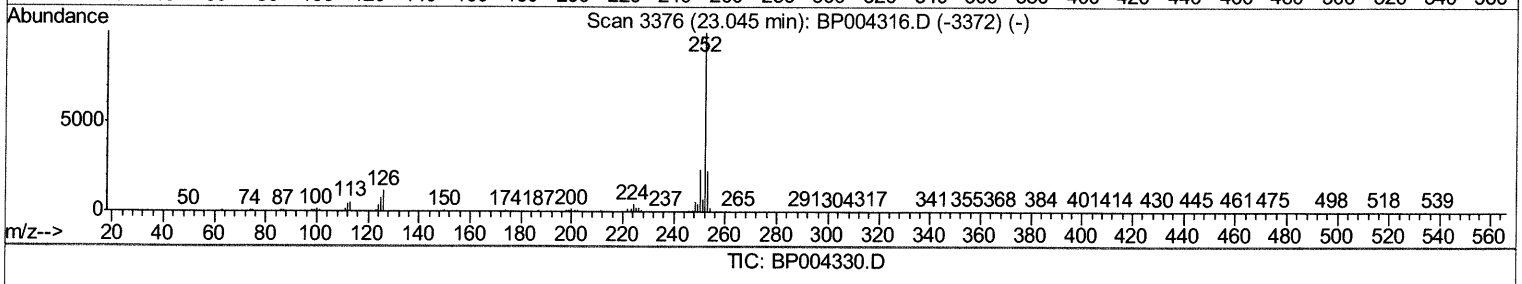
Manual Integrations APPROVED
mohammad
12/18/2020 10:25:10 AM







TIC: BP004330.D

(89) Benzo(k)fluoranthene

23.027min (-0.006) 3.72ng/ul m 12/21/20 JU

response 412089

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	23.22
125.00	9.10	9.69
0.00	0.00	0.00

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ClientSampleId : A54C8DL

Manual Integrations APPROVED
mohammad
12/18/2020 10:25:10 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	276573	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1156818	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	712259	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1536663	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	1590834	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	1701140	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	2753	0.35	ng/uL	0.00
5) Phenol-d5	7.00	99	55148	2.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	31954	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	46190	2.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	42784	2.47	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	23322	2.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	24160	3.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	48110	2.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	43498	2.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	143835	2.64	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	187859	2.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	17101m >	1.86	ng/ul >	0.00 12/21/20 JU
58) Fluorene-d10	15.48	176	131144	2.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.60	200	9887	1.34	ng/ul	0.00
71) Anthracene-d10	17.35	188	219465	2.93	ng/ul	0.00
79) Pyrene-d10	19.59	212	259650	3.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	273505	3.05	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthene	14.55	153	93529	1.916	ng/ul	100
54) Dibenzofuran	14.88	168	70270	1.022	ng/ul	99
59) Fluorene	15.53	166	98645	1.793	ng/ul	98
70) Phenanthrene	17.29	178	1756474	19.375	ng/ul	100
72) Anthracene	17.38	178	285030	3.178	ng/ul	99
75) Carbazole	17.65	167	213575	2.926	ng/ul	100
77) Fluoranthene	19.26	202	2674806	27.632	ng/ul	97
80) Pyrene	19.61	202	2249008	20.958	ng/ul	99
83) Benzo(a)anthracene	21.32	228	1128564	10.762	ng/ul	99
85) Chrysene	21.37	228	1090280	10.599	ng/ul	98
88) Benzo(b)fluoranthene	22.99	252	1441432	13.361	ng/ul	98
89) Benzo(k)fluoranthene	23.03	252	412089m >	3.719	ng/ul >	12/21/20 JU
91) Benzo(a)pyrene	23.60	252	942678	9.364	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	26.13	276	645261	5.111	ng/ul	95
93) Dibenzo(a,h)anthracene	26.14	278	170568	1.612	ng/ul#	89
94) Benzo(g,h,i)perylene	26.88	276	513907	4.852	ng/ul	96

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