Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

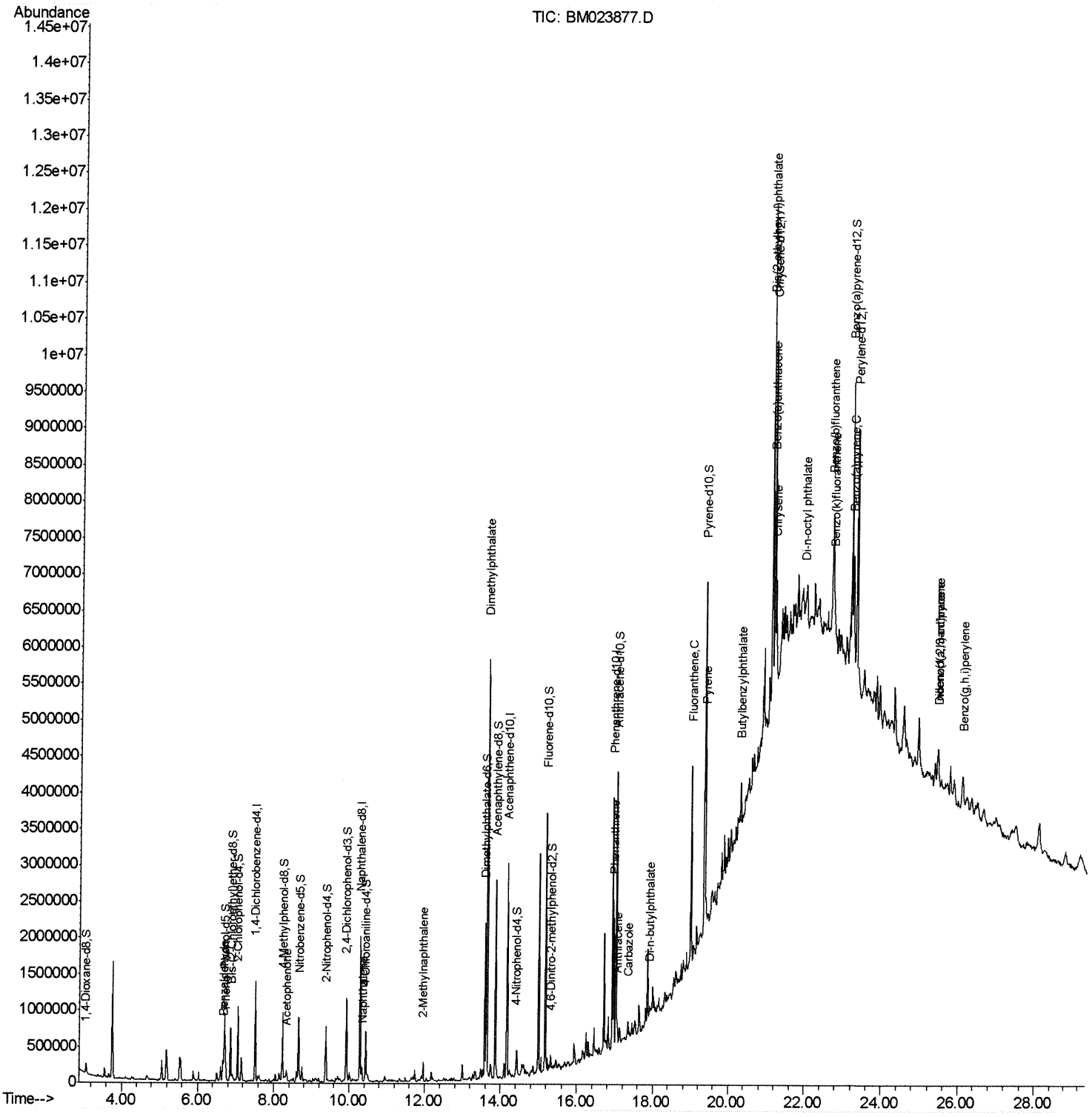
Quantitation Report (QT Reviewed)

Data File : BM023877.D
Acq On : 23 Nov 2019 03:21
Operator : JU
Sample : K5854-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 23 06:00:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 23 05:21:37 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AD0

Manual Integrations APPROVED
mohammad
11/25/2019 8:21:02 AM



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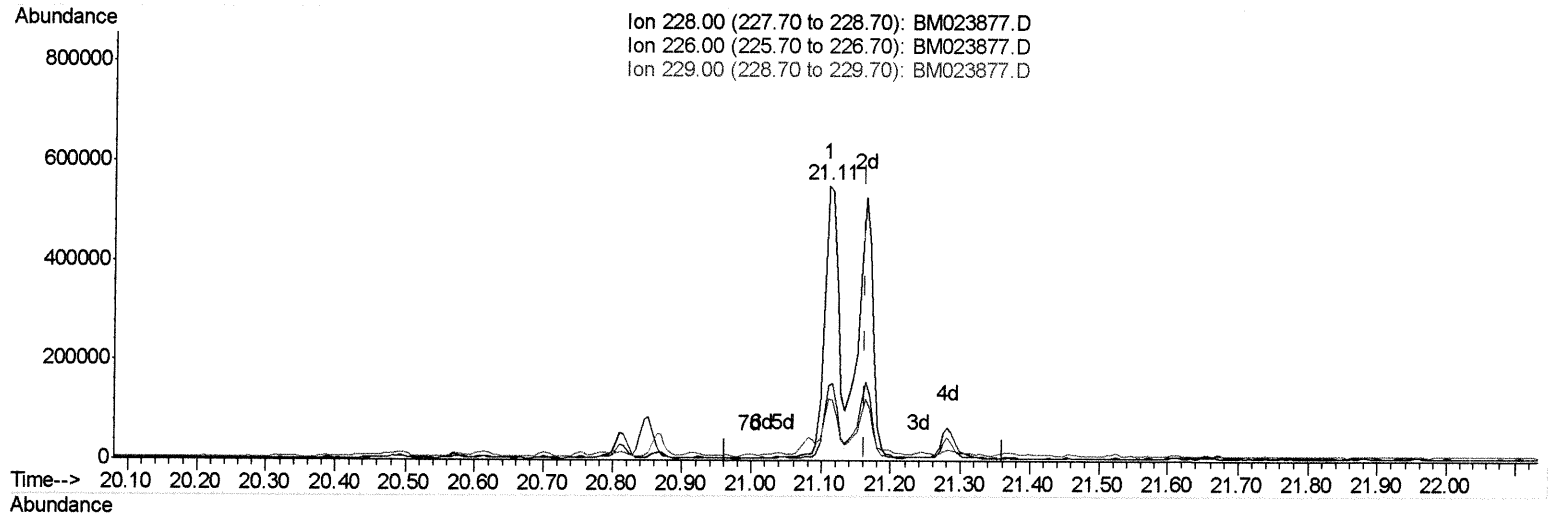

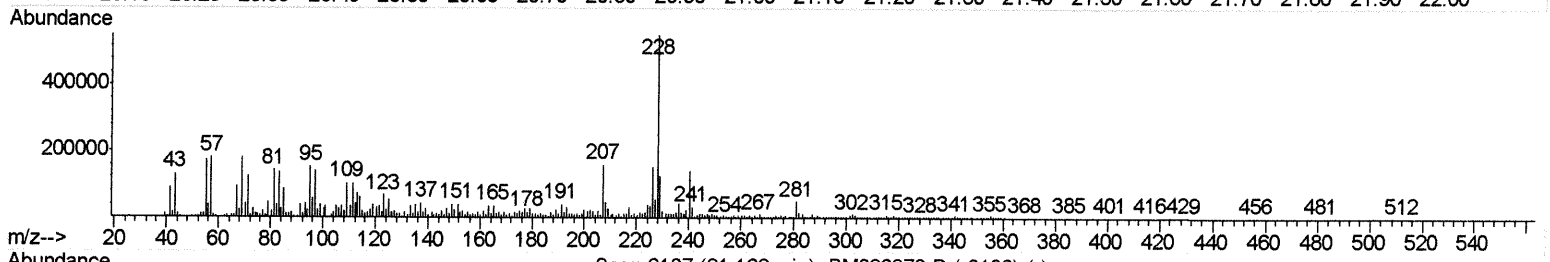

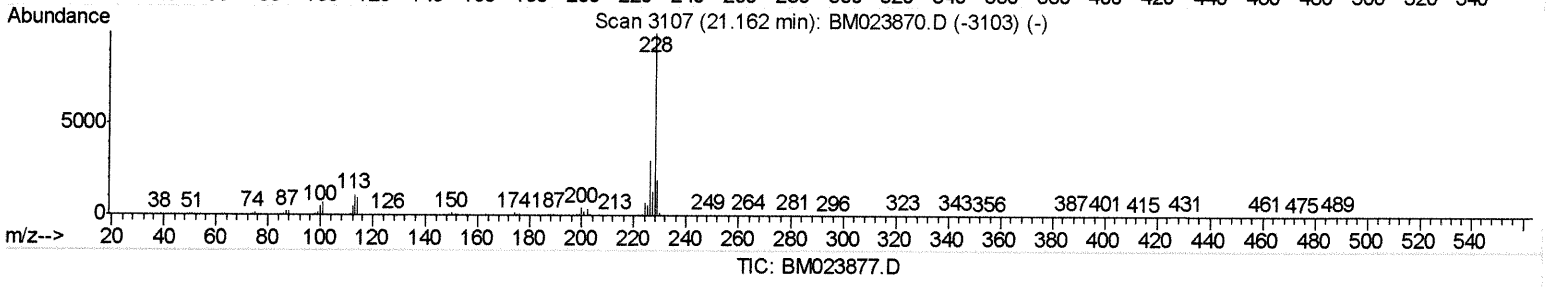

TIC: BM023877.D

(85) Chrysene

21.110min (-0.053) 6.37ng/ul

response 753336

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	27.50
229.00	19.70	22.52
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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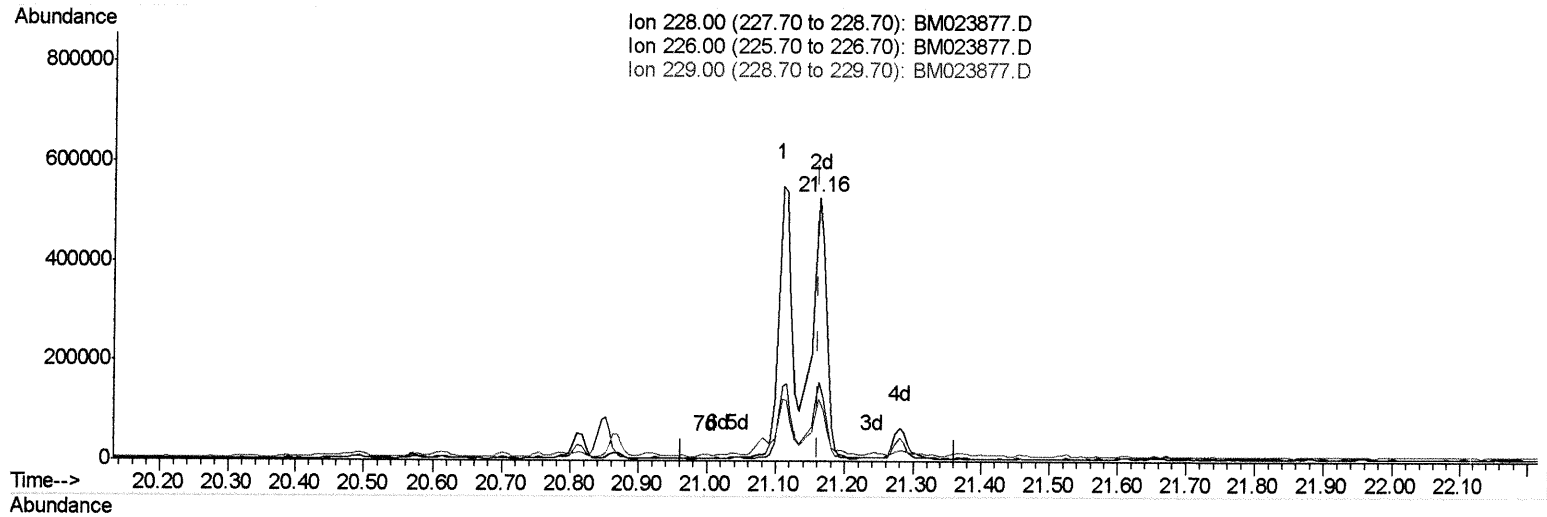

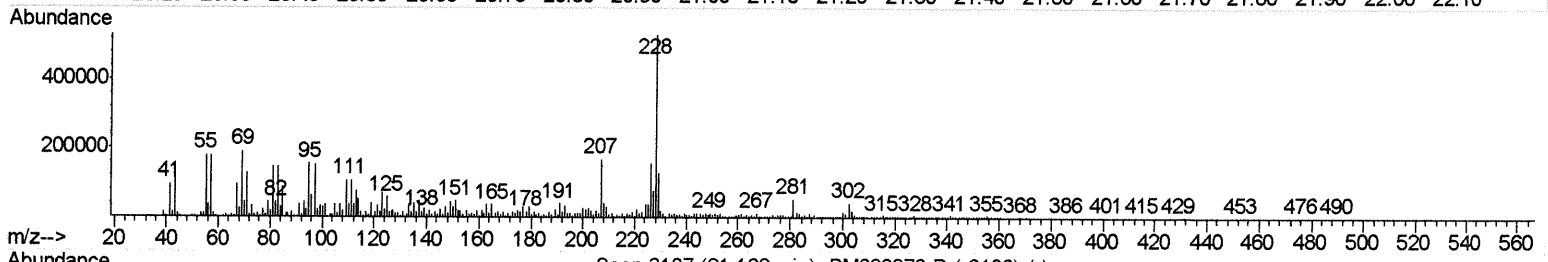

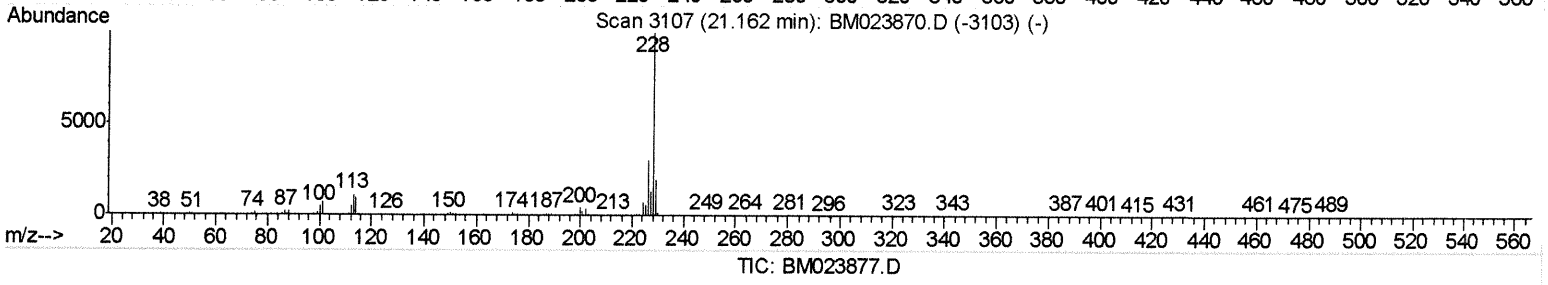

TIC: BM023877.D

(85) Chrysene

21.163min (+0.000) 6.48ng/ul m JU 11/25/19

response 766548

Ion	Exp%	Act%
228.00	100	100
226.00	29.80	29.81
229.00	19.70	23.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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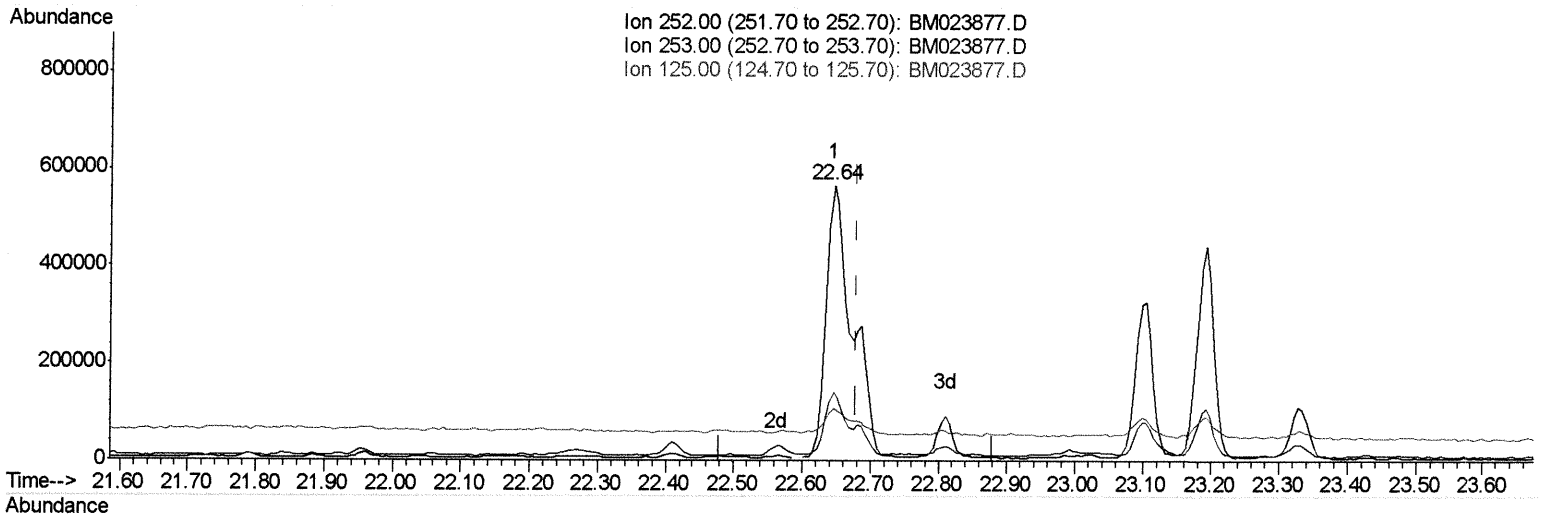
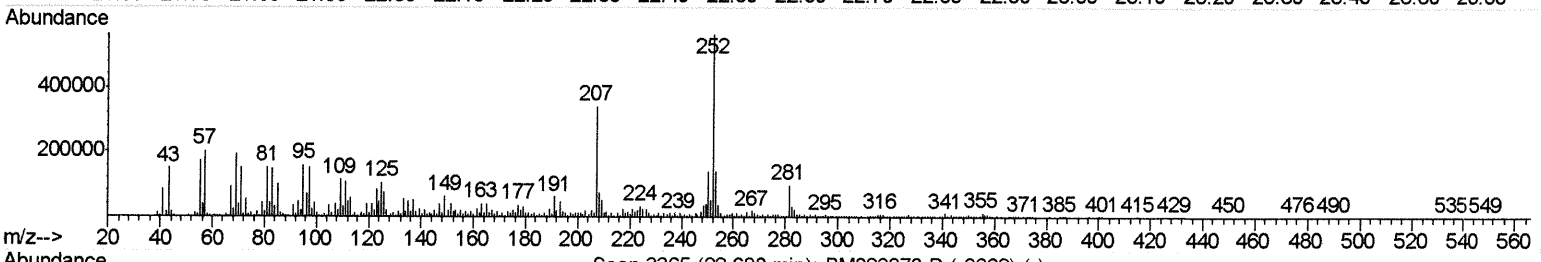
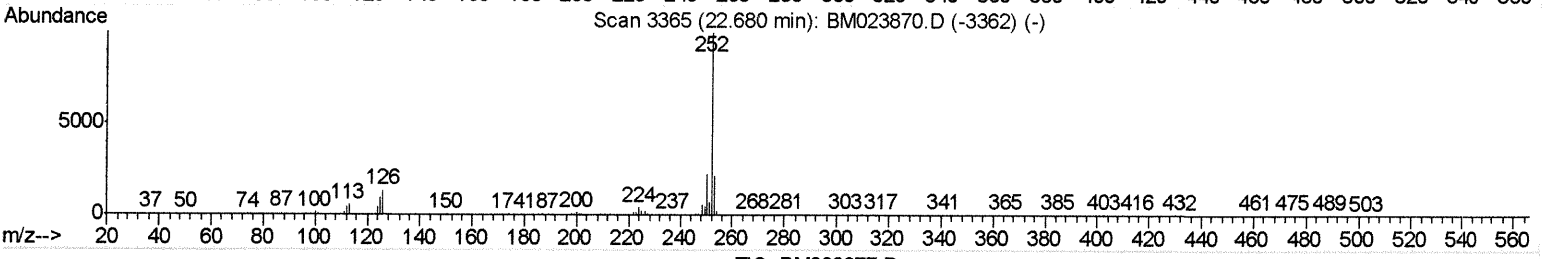
Manual Integrations APPROVED
mohammad
11/25/2019 8:21:02 AM





Scan 3365 (22.680 min): BM023870.D (-3362) (-)



TIC: BM023877.D

(89) Benzo(k)fluoranthene

22.645min (-0.035) 7.89ng/ul

response 1157706

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	24.80
125.00	7.40	18.88#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\

Quantitation Report (Qedit)

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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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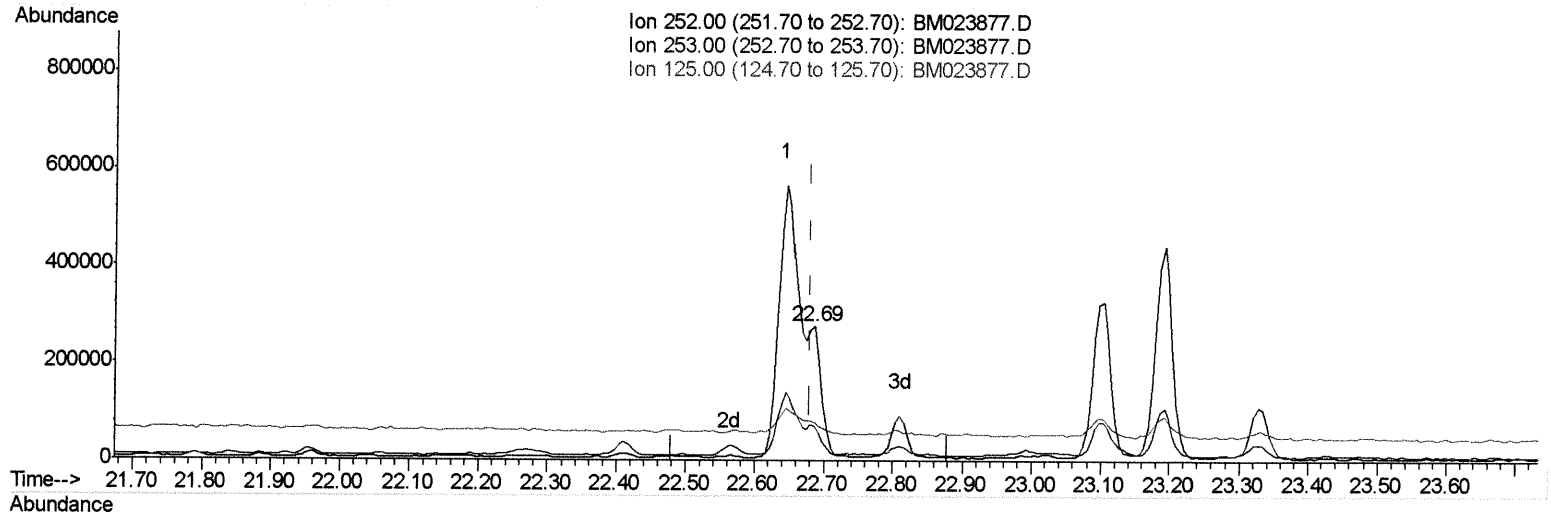
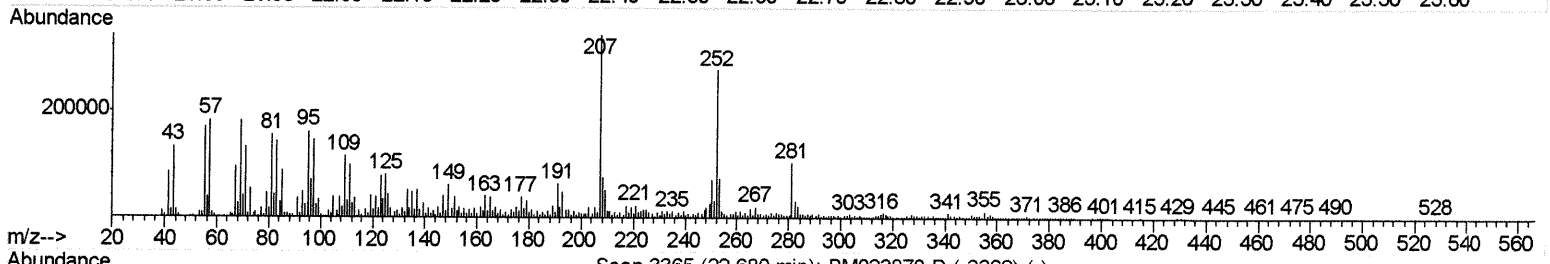
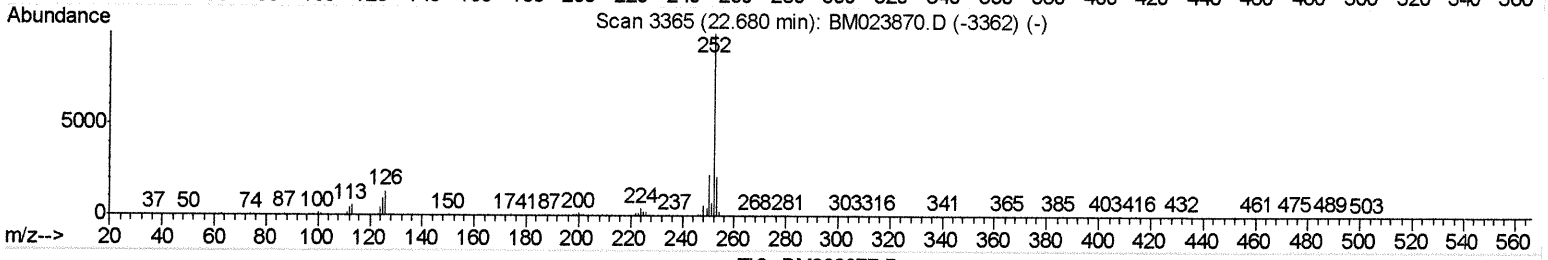
Manual Integrations APPROVED
mohammad
11/25/2019 8:21:02 AM





Scan 3365 (22.680 min): BM023870.D (-3362) (-)



TIC: BM023877.D

(89) Benzo(k)fluoranthene

22.686min (+0.006) 2.27ng/ul m JU 11/25/19

response 332998

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	26.28#
125.00	7.40	28.59#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	388474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1554596	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	950832	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1950406	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1903653	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2387972	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	28897	3.07	ng/uL	0.00
5) Phenol-d5	6.70	99	576966	16.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	344584	16.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	477463	18.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	382709	13.55	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	230942	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	264386	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	463367	17.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	429736	14.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1467511	19.79	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1800917	21.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	121248	9.58	ng/ul	0.02
58) Fluorene-d10	15.17	176	1328749	20.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	50511	4.48	ng/ul	0.00
71) Anthracene-d10	17.02	188	2013993	21.77	ng/ul	0.00
79) Pyrene-d10	19.33	212	2197596	22.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2766161	22.01	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.66	77	71917	3.462	ng/ul#	49
6) Phenol	6.73	94	155993	4.276	ng/ul	96
14) Acetophenone	8.33	105	88335	2.005	ng/ul	97
28) Naphthalene	10.33	128	141261	1.729	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	129929	2.079	ng/ul	97
45) Dimethylphthalate	13.63	163	3897504	53.637	ng/ul	99
70) Phenanthrene	16.96	178	1014201	9.440	ng/ul	100
72) Anthracene	17.06	178	227946	2.110	ng/ul	98
75) Carbazole	17.33	167	115840	1.286	ng/ul	94
76) Di-n-butylphthalate	17.91	149	125162	1.260	ng/ul#	92
77) Fluoranthene	18.99	202	1600641	13.907	ng/ul	96
80) Pyrene	19.36	202	1485756	12.075	ng/ul	98
81) Butylbenzylphthalate	20.27	149	156745	4.022	ng/ul	89
83) Benzo(a)anthracene	21.11	228	725419	5.777	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.06	149	2502329	42.526	ng/ul	98
85) Chrysene	21.16	228	766548m	> 6.484	ng/ul	> JU 11/25/19
87) Di-n-octyl phthalate	21.93	149	147575	1.264	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	1157706	7.605	ng/ul#	88
89) Benzo(k)fluoranthene	22.69	252	332998m	> 2.271	ng/ul	> JU 11/25/19
91) Benzo(a)pyrene	23.19	252	745470	5.349	ng/ul#	86
92) Indeno(1,2,3-cd)pyrene	25.43	276	532760	3.575	ng/ul	98
93) Dibenzo(a,h)anthracene	25.42	278	150880	1.200	ng/ul#	61
94) Benzo(g,h,i)perylene	26.07	276	534921	4.430	ng/ul#	94

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11/25/2019 8:21:02 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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