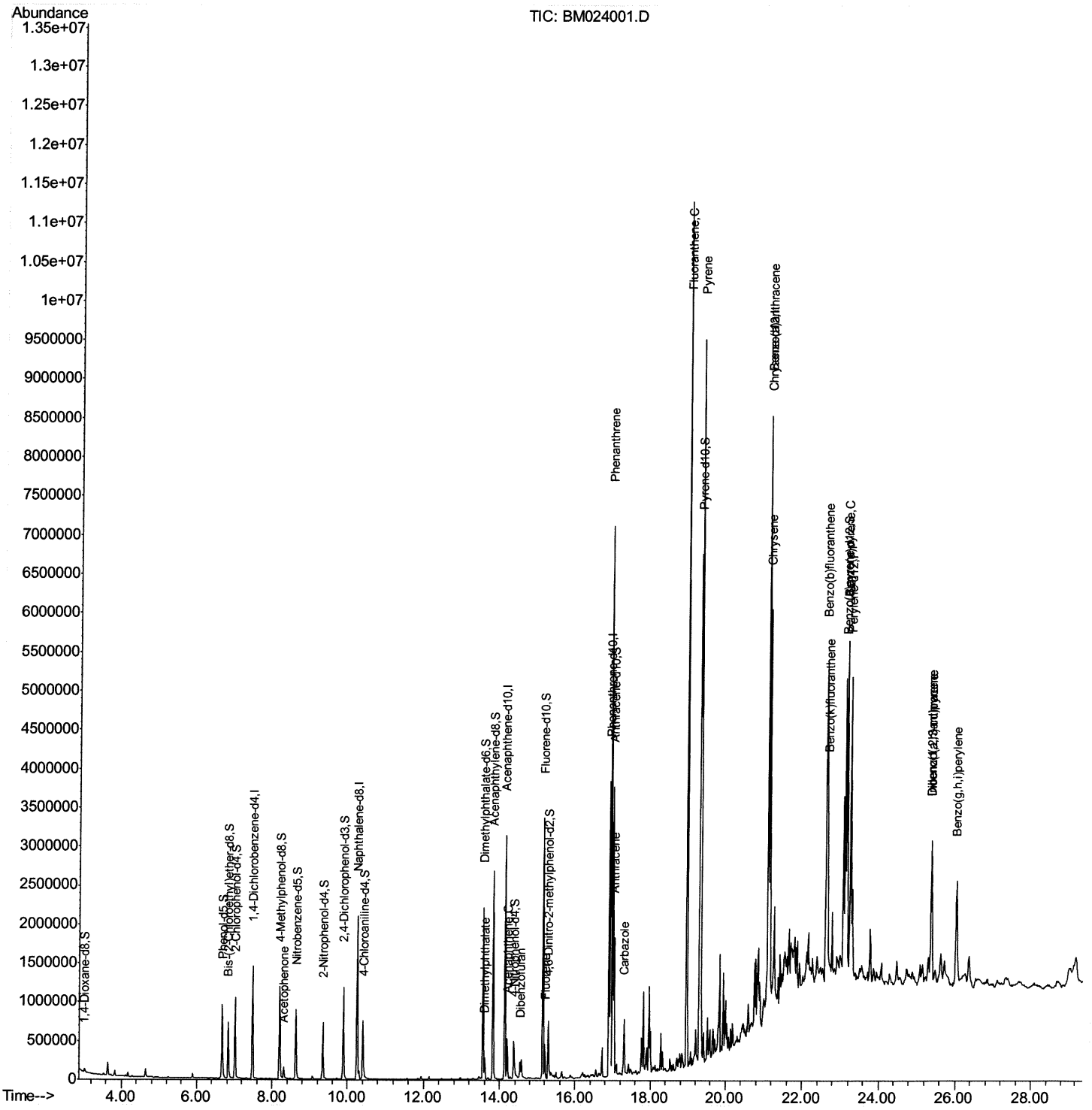
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120419\
Data File : BM024001.D
Acq On : 04 Dec 2019 14:49
Operator : JU
Sample : K4649-01ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 04 15:26:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5167ME

Manual Integrations APPROVED
mohammad
12/5/2019 10:49:57 AM



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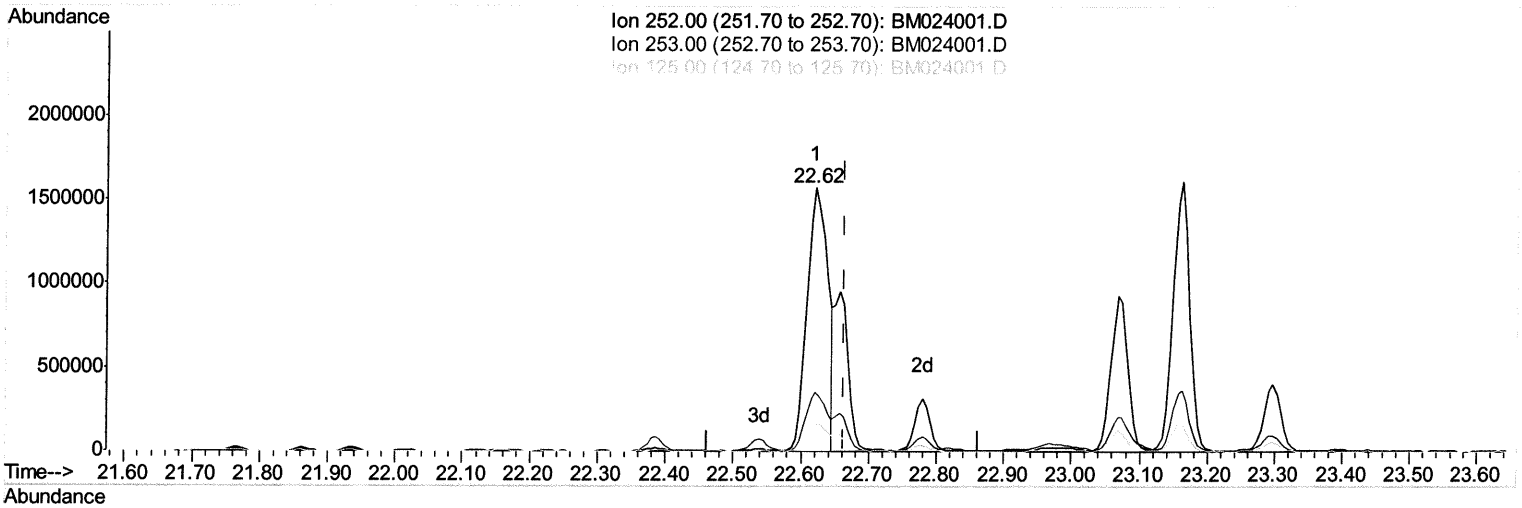

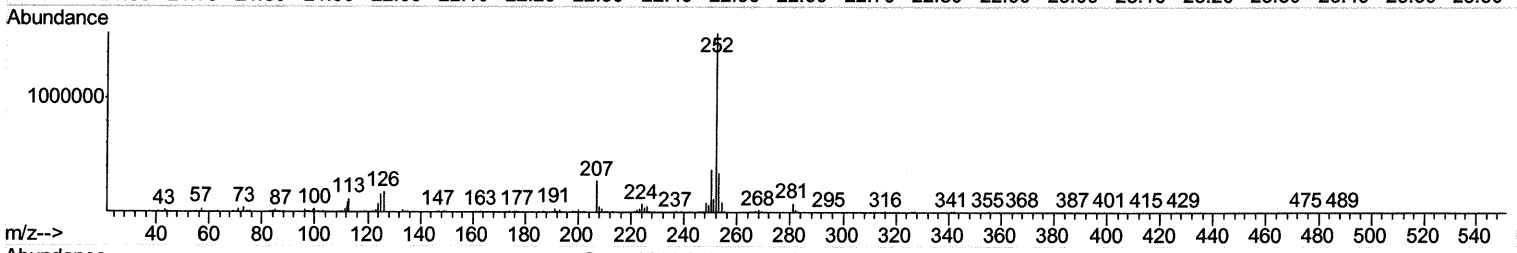

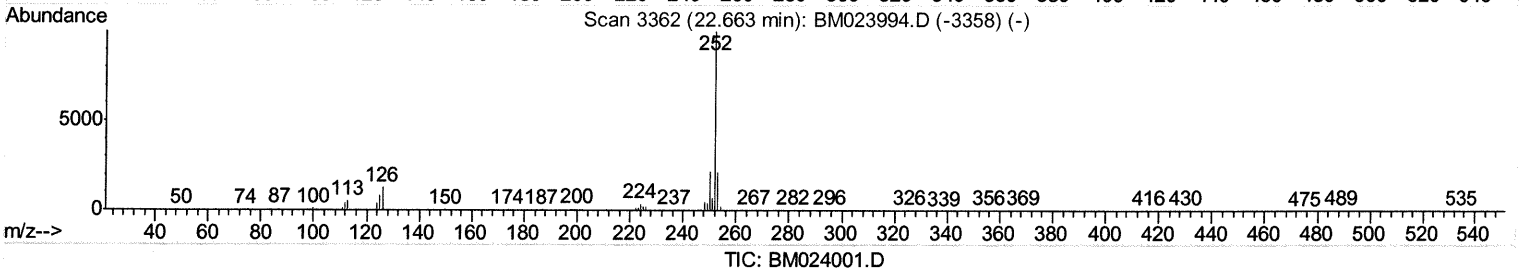

TIC: BM024001.D

(89) Benzo(k)fluoranthene

22.621min (-0.042) 21.64ng/ul

response 3339311

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.22
125.00	8.70	10.14
0.00	0.00	0.00

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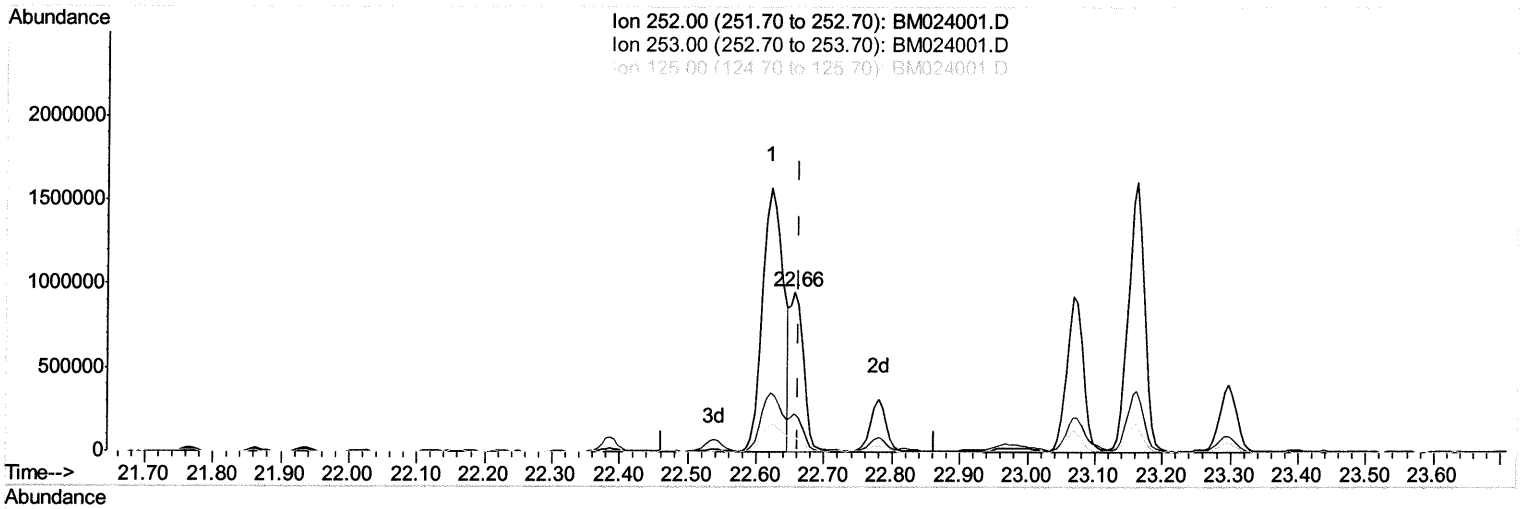
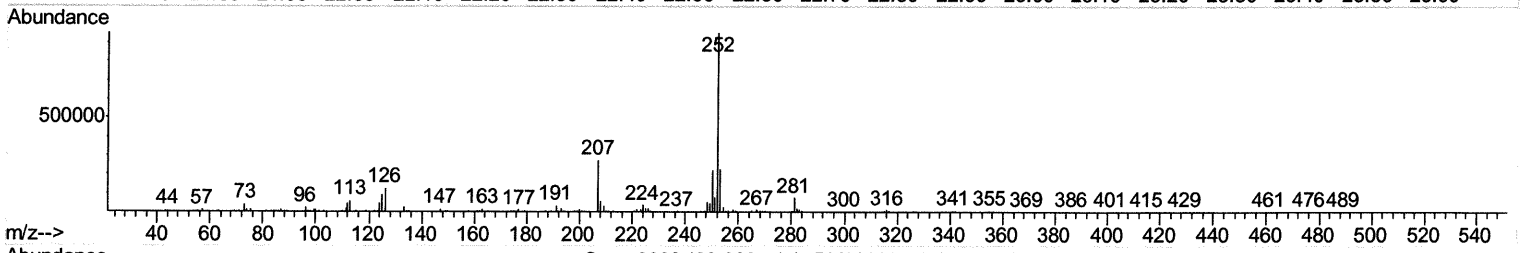
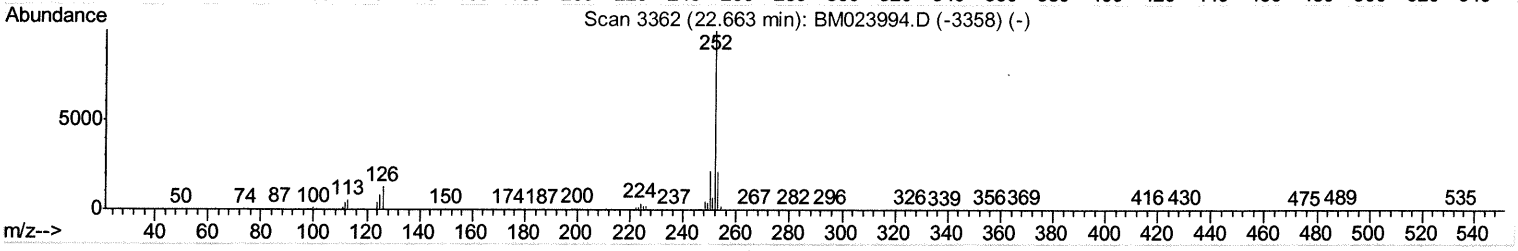




Scan 3362 (22.663 min): BM023994.D (-3358) (-)



TIC: BM024001.D

(89) Benzo(k)fluoranthene

22.656min (-0.006) 8.61ng/ul m JU 12/10/19

response 1329126

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.79
125.00	8.70	9.68
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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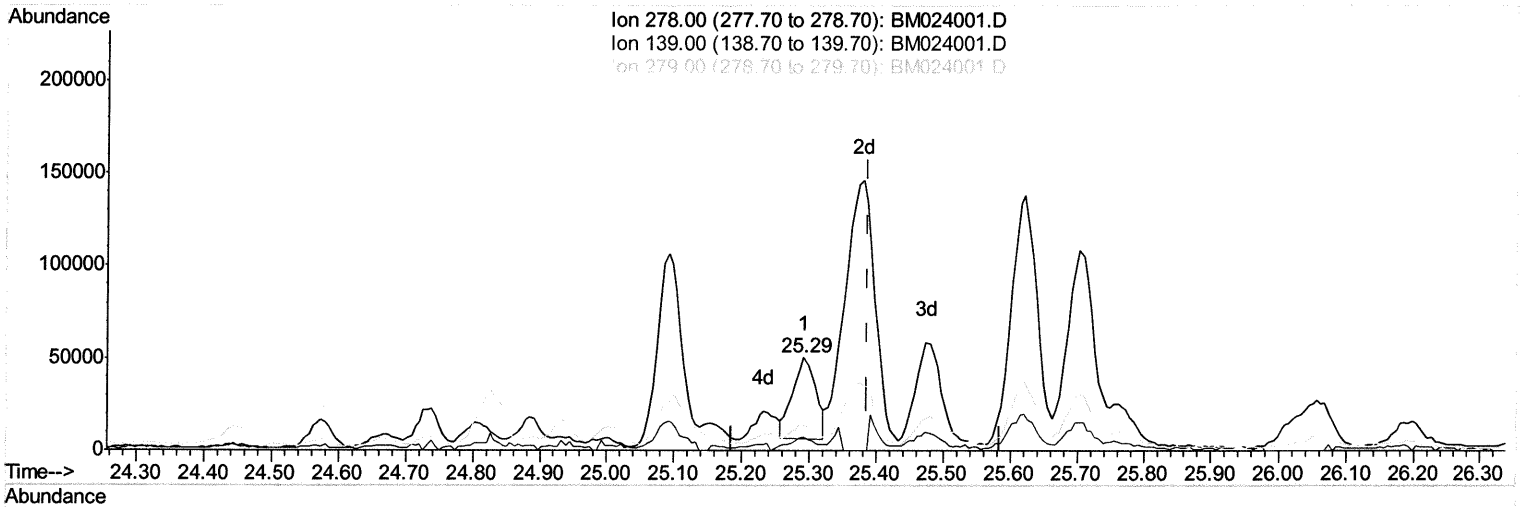

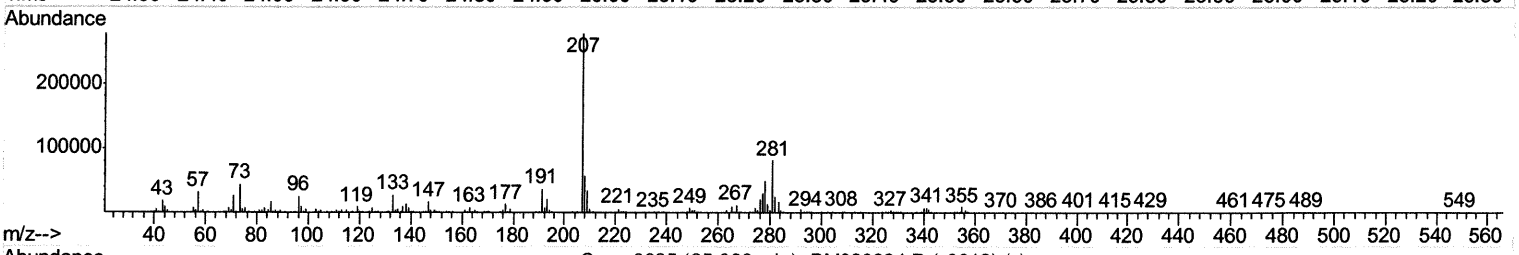

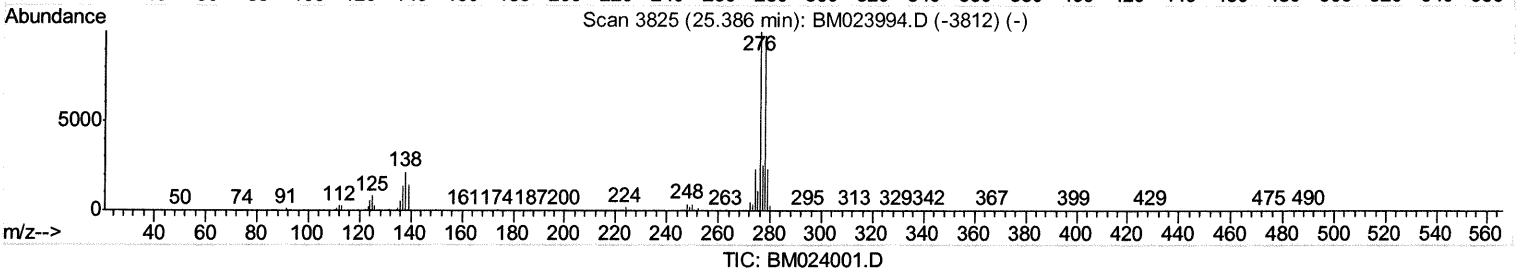

TIC: BM024001.D

(93) Dibenzo(a,h)anthracene

25.291min (-0.095) 0.67ng/ul

response 107030

Ion	Exp%	Act%
278.00	100	100
139.00	14.50	14.25
279.00	23.90	26.77
0.00	0.00	0.00

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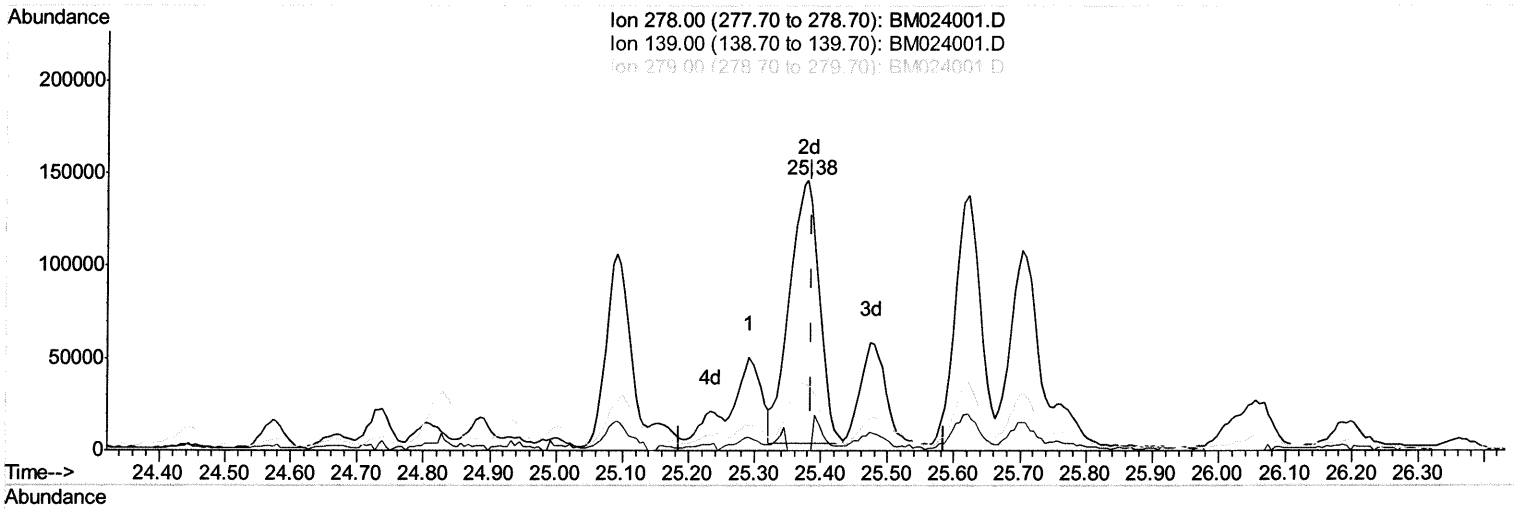
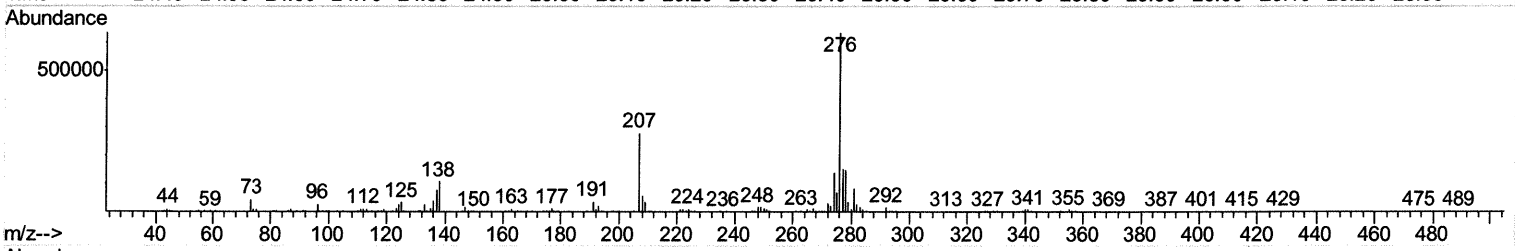
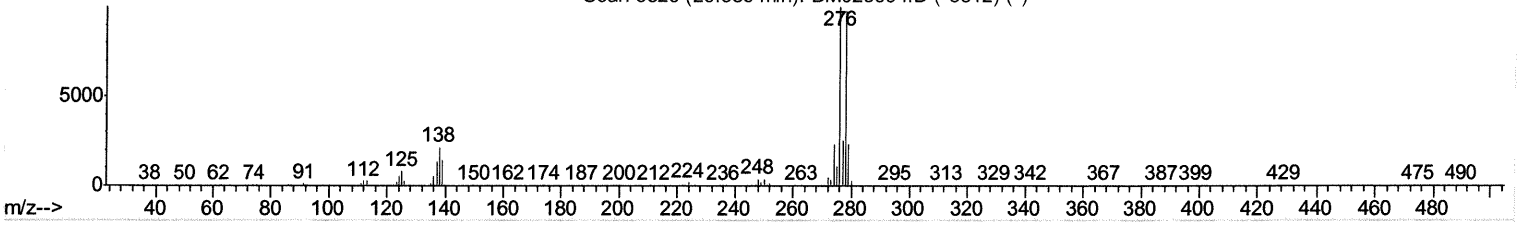
Manual Integrations APPROVED
mohammad
12/5/2019 10:49:57 AM





Scan 3825 (25.386 min): BM023994.D (-3812) (-)



TIC: BM024001.D

(93) Dibenzo(a,h)anthracene

25.379min (-0.006) 2.79ng/ul m JU 12/10/19

response 446394

Ion	Exp%	Act%
278.00	100	100
139.00	14.50	0.00#
279.00	23.90	23.89
0.00	0.00	0.00

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Instrument : BNA_M
ClientSampleId : A5167ME

Manual Integrations APPROVED
mohammad
12/5/2019 10:49:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	410229	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1697303	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	1049980	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2203892	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	2121738	20.00	ng/ul	0.00
86) Perylene-d12	23.26	264	2628079	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	29717	3.22	ng/uL	0.00
5) Phenol-d5	6.67	99	605529	16.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	357551	17.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	485870	17.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	480762	16.95	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	238640	18.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	264273	17.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	484310	17.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	494165	15.88	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	1476849	18.10	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	1747609	18.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	171576	12.51	ng/ul	0.00
58) Fluorene-d10	15.14	176	1291129	18.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	162140	11.72	ng/ul	0.00
71) Anthracene-d10	16.99	188	2003558	19.03	ng/ul	0.00
79) Pyrene-d10	19.30	212	2200323	20.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2752968	19.82	ng/ul	0.00
Target Compounds						Qvalue
14) Acetophenone	8.31	105	86822	2.002	ng/ul	94
45) Dimethylphthalate	13.61	163	175197	2.194	ng/ul	99
50) Acenaphthene	14.20	153	203994	2.970	ng/ul	99
54) Dibenzofuran	14.54	168	117885	1.213	ng/ul	99
59) Fluorene	15.20	166	191440	2.442	ng/ul	98
70) Phenanthrene	16.94	178	4024401	32.324	ng/ul	100
72) Anthracene	17.03	178	1043628	8.256	ng/ul	99
75) Carbazole	17.30	167	427725	3.908	ng/ul	99
77) Fluoranthene	18.97	202	6403245	47.958	ng/ul	98
80) Pyrene	19.33	202	5613992	39.270	ng/ul	98
83) Benzo(a)anthracene	21.09	228	2941248	20.740	ng/ul	99
85) Chrysene	21.14	228	2523185	18.946	ng/ul	97
88) Benzo(b)fluoranthene	22.62	252	3339311	20.546	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	1329126m	> 8.615	ng/ul	> JU 12/10/19
91) Benzo(a)pyrene	23.16	252	2708722	17.627	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.37	276	1713712	8.981	ng/ul	97
93) Dibenzo(a,h)anthracene	25.38	278	446394m	> 2.785	ng/ul	> JU 12/10/19
94) Benzo(g,h,i)perylene	26.02	276	1608963	10.068	ng/ul	99

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