

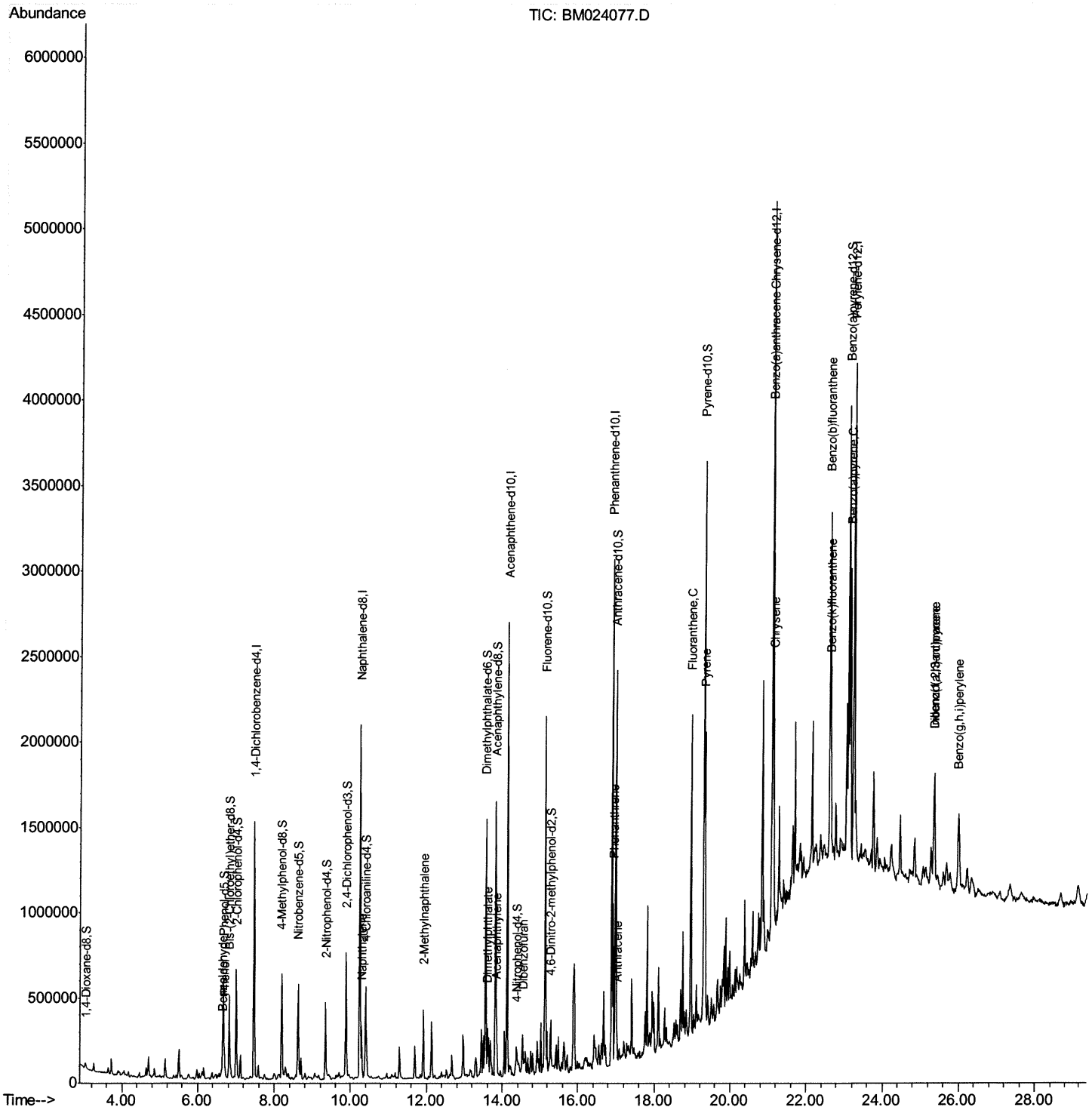
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
Data File : BM024077.D
Acq On : 13 Dec 2019 02:09
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BR3

Manual Integrations
APPROVED

mohammad
12/13/2019 2:51:41 PM

Quant Time: Dec 13 04:25:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

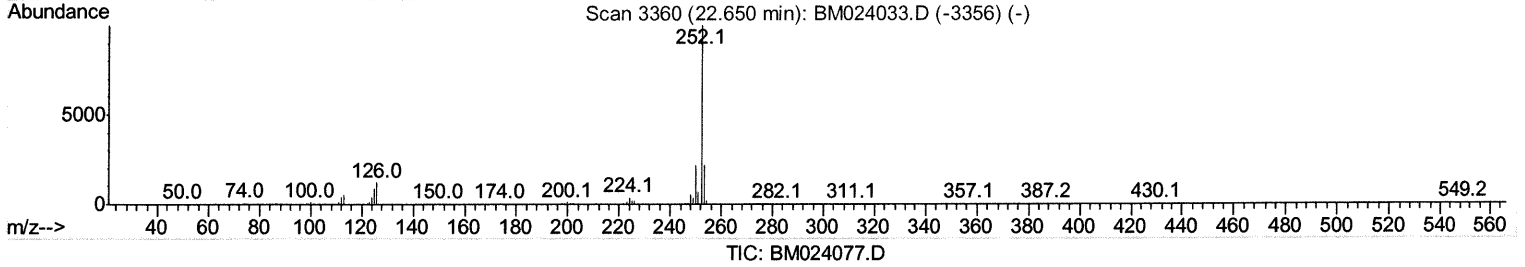
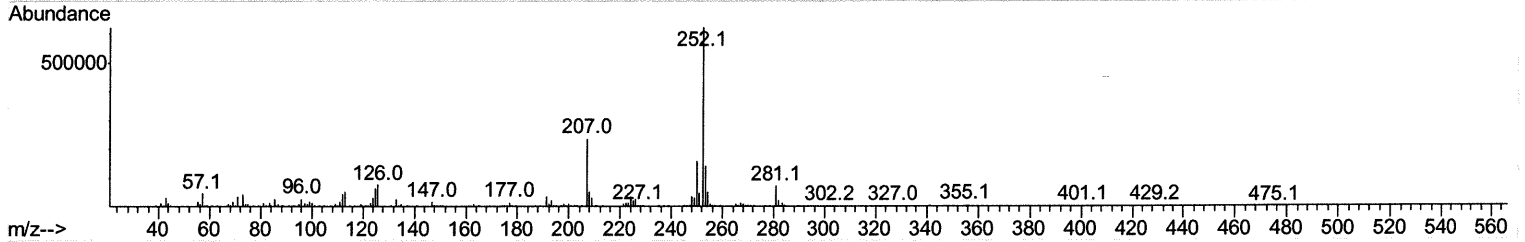
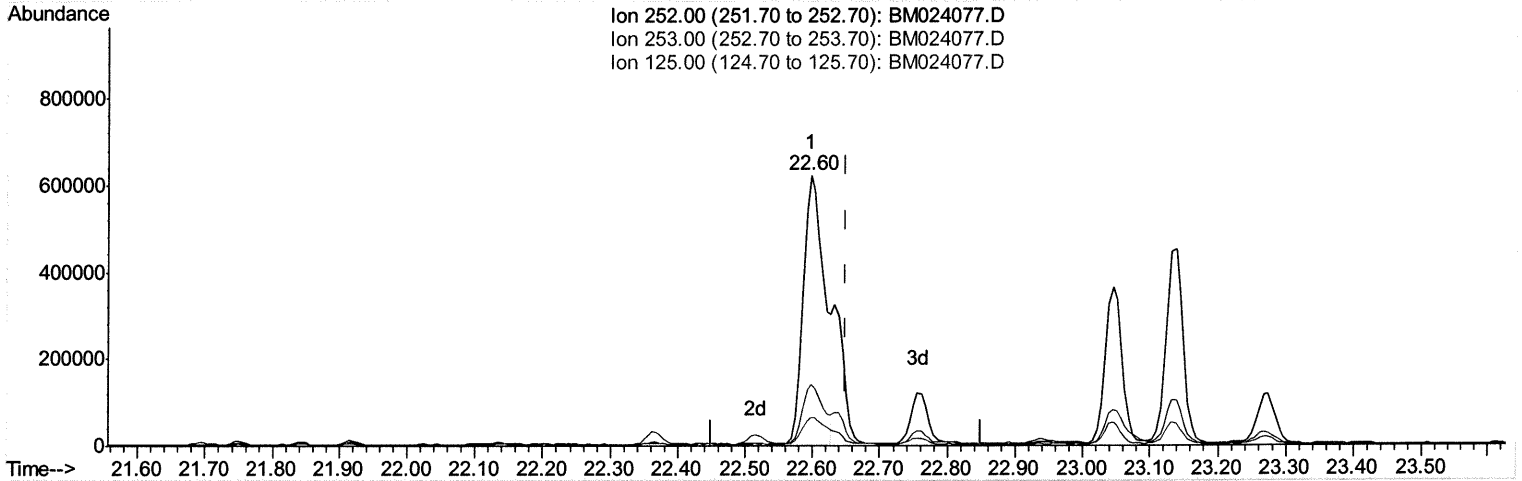
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 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration



(89) Benzo(k)fluoranthene
 22.597min (-0.053) 11.26ng/ul
 response 1337696

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	22.80
125.00	8.70	10.43
0.00	0.00	0.00

Quantitation Report (Qedit)

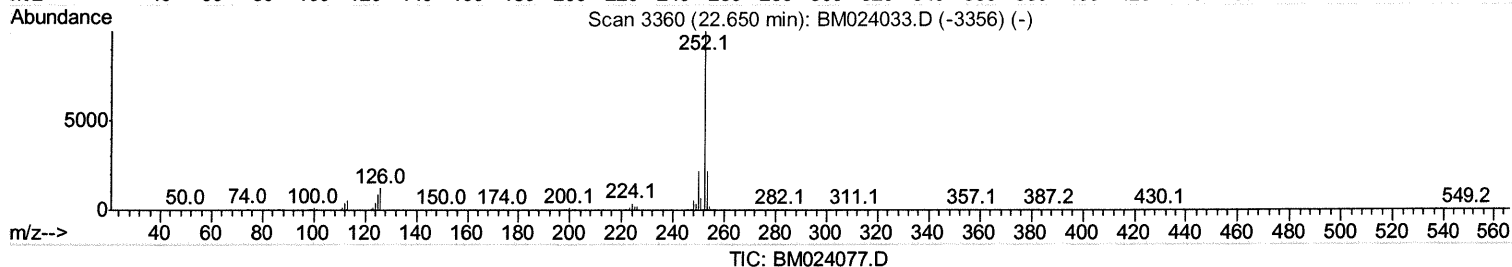
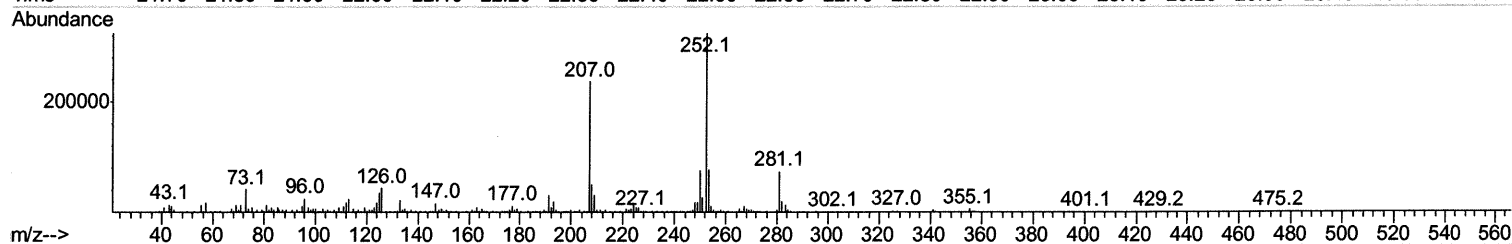
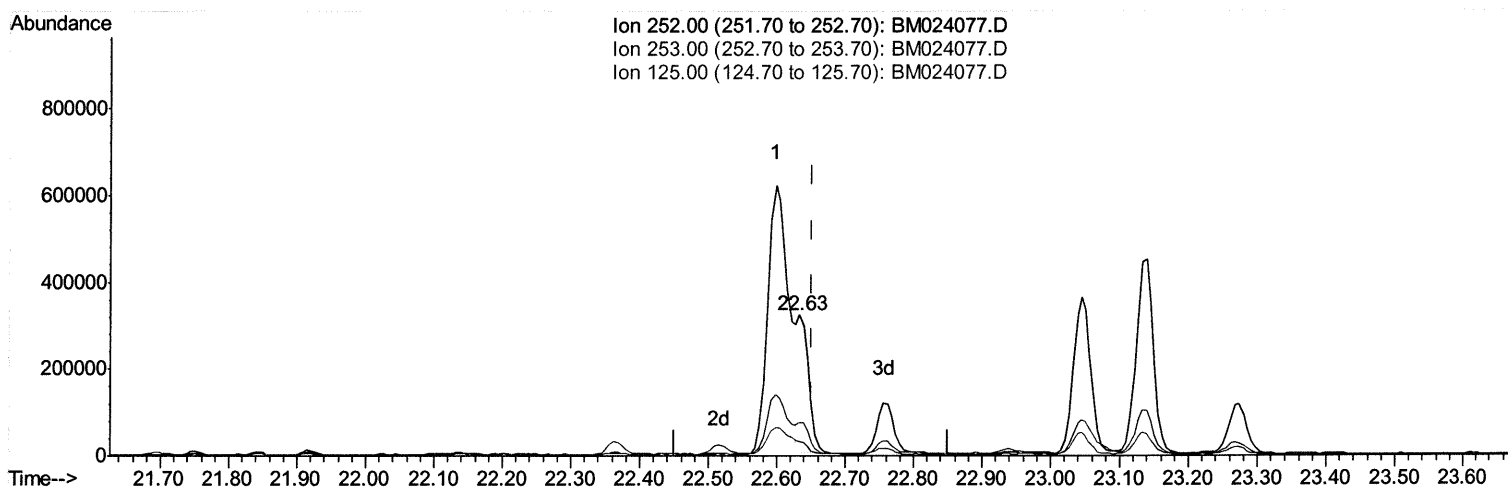
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QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration



(89) Benzo(k)fluoranthene

22.633min (-0.018) 3.00ng/ul m *JU 12/13/19*

response 355776

Ion	Exp%	Act%
252.00	100	100
253.00	21.50	23.86
125.00	8.70	10.75#
0.00	0.00	0.00

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Manual Integrations
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mohammad
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Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 07 04:26:57 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	394734	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1530980	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	864631	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	1704552	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1623321	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2023071	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	19091	2.15	ng/uL	0.01
5) Phenol-d5	6.66	99	351985	10.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	242310	12.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	297506	11.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	258221	9.46	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	138047	11.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	151804	11.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	290893	11.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	334740	11.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	965514	14.37	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	1077102	13.68	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	57684	5.11	ng/ul	0.00
58) Fluorene-d10	15.13	176	803957	14.22	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.28	200	66773	6.24	ng/ul	0.00
71) Anthracene-d10	16.98	188	1257127	15.44	ng/ul	-0.01
79) Pyrene-d10	19.29	212	1459412	17.40	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	1829434	17.11	ng/ul	-0.02

Target Compounds

					Ovalue
4) Benzaldehyde	6.64	77	20084	1.102	ng/ul 89
6) Phenol	6.69	94	92039	2.586	ng/ul 98
28) Naphthalene	10.29	128	246788	3.058	ng/ul 99
34) 2-Methylnaphthalene	11.92	142	196533	3.353	ng/ul 99
45) Dimethylphthalate	13.60	163	169145	2.572	ng/ul 100
48) Acenaphthylene	13.84	152	136797	1.718	ng/ul 98
54) Dibenzofuran	14.53	168	86703	1.083	ng/ul 93
70) Phenanthrene	16.93	178	550486	5.717	ng/ul 99
72) Anthracene	17.02	178	104469	1.069	ng/ul 96
77) Fluoranthene	18.95	202	1068043	10.343	ng/ul 99
80) Pyrene	19.32	202	954569	8.727	ng/ul 100
83) Benzo(a)anthracene	21.07	228	692148	6.379	ng/ul 95
85) Chrysene	21.13	228	756097	7.420	ng/ul 97
88) Benzo(b)fluoranthene	22.60	252	1337696	10.692	ng/ul 97
89) Benzo(k)fluoranthene	22.63	252	355776m	2.996	ng/ul > 94 12/13/19
91) Benzo(a)pyrene	23.14	252	786425	6.648	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.34	276	584627	3.980	ng/ul 97
93) Dibenzo(a,h)anthracene	25.34	278	165102	1.338	ng/ul# 77
94) Benzo(g,h,i)perylene	25.99	276	546282	4.441	ng/ul 99

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