

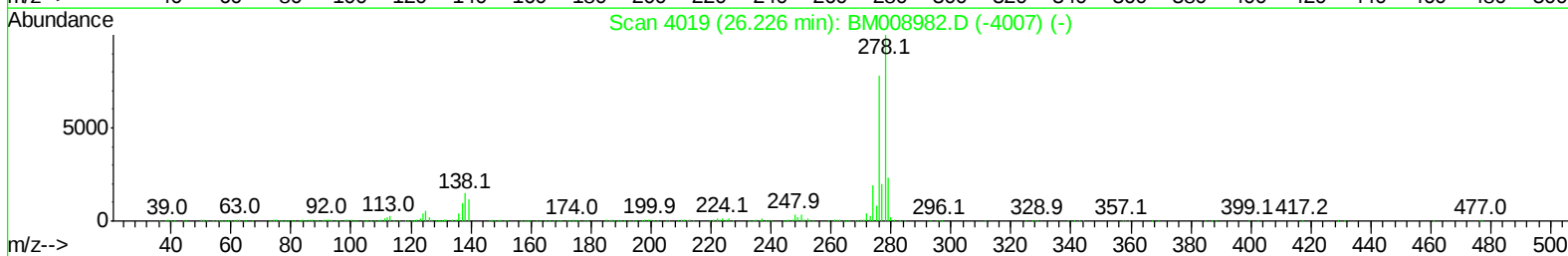
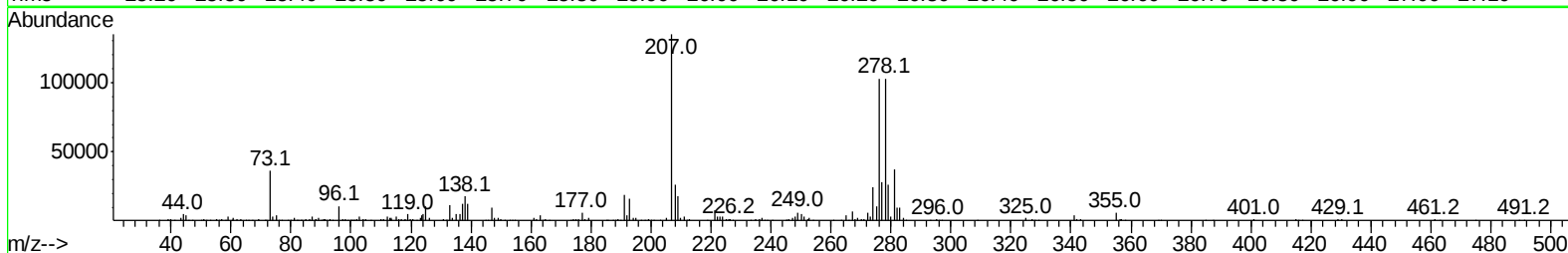
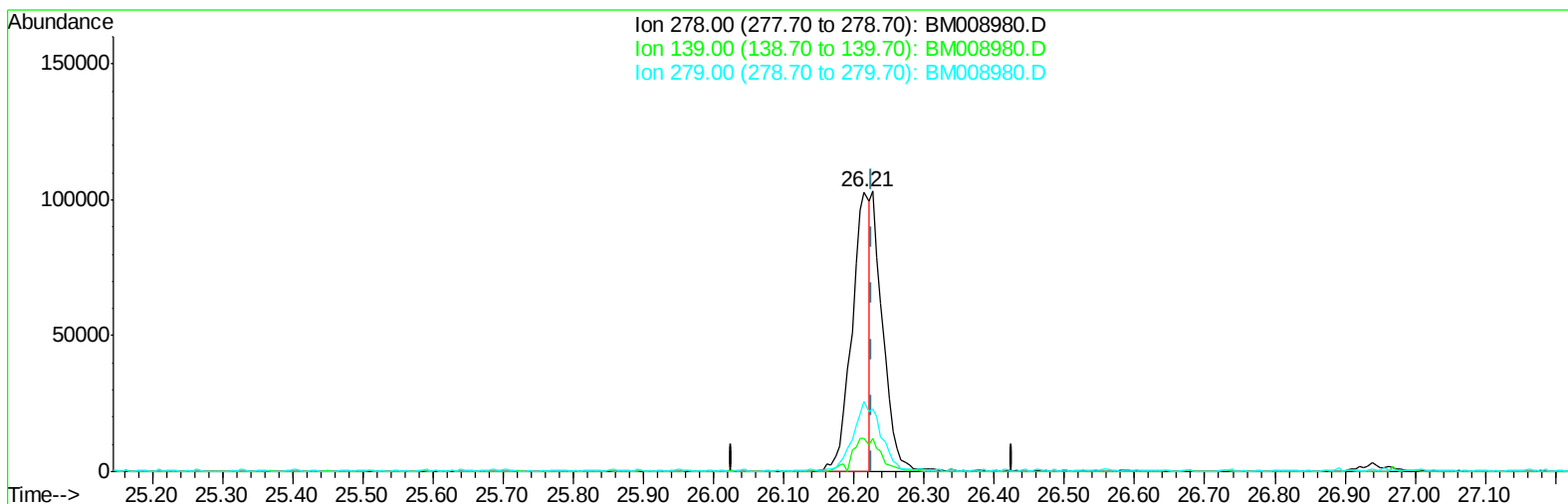
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008980.D
Acq On : 08 Feb 2017 11:01
Operator : SJ/MA
Sample : SST00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00535

Manual Integrations
APPROVED

mohammad
2/9/2017 12:32:45 PM

Quant Time: Feb 08 14:03:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:41:42 2017
Response via : Initial Calibration



TIC: BM008980.D

(90) Dibenzo(a,h)anthracene

26.215min (-0.012) 2.97ng/ul

response 179183

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	11.96#
279.00	22.40	25.06
0.00	0.00	0.00

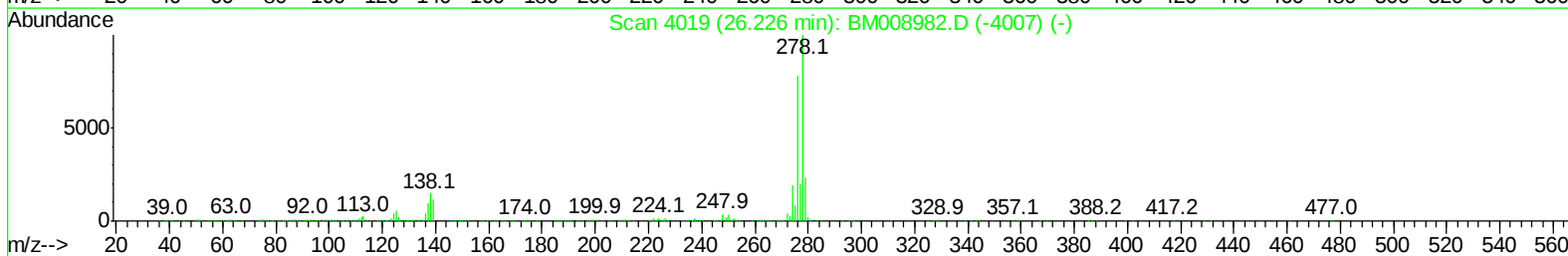
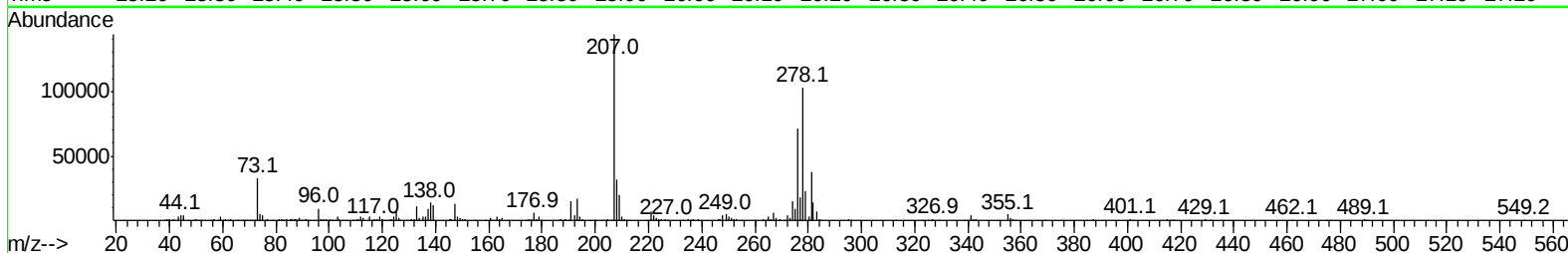
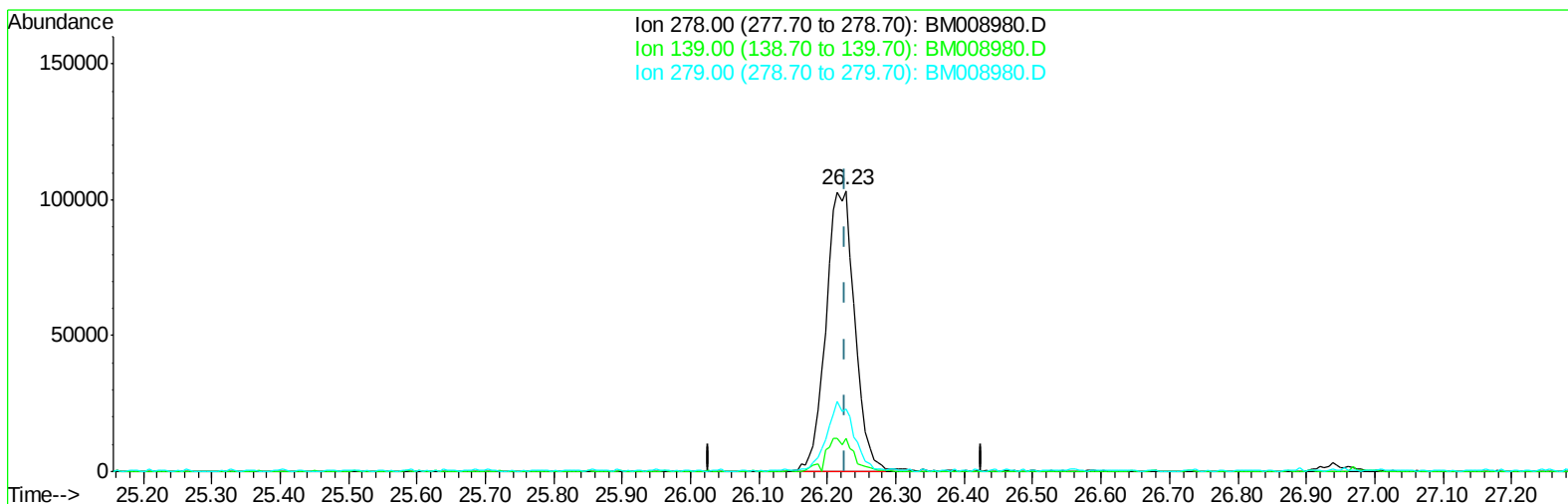
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008980.D
Acq On : 08 Feb 2017 11:01
Operator : SJ/MA
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00535

Manual Integrations
APPROVED

mohammad
2/9/2017 12:32:45 PM

Quant Time: Feb 08 14:03:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:41:42 2017
Response via : Initial Calibration



TIC: BM008980.D

(90) Dibenzo(a,h)anthracene

26.226min (+0.000) 5.00ng/ul m

response 301509

Ion	Exp%	Act%
278.00	100	100
139.00	7.30	11.84#
279.00	22.40	22.40
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
 Data File : BM008980.D
 Acq On : 08 Feb 2017 11:01
 Operator : SJ/MA
 Sample : SSTD00535
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00535

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:32:45 PM

Quant Time: Feb 08 14:11:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 13:41:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	155456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.71	136	597603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	427272	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	914622	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	1162332	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1136866	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	8403	2.16	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.43	132	41836	4.67	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	9.07	128	17681	4.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	19104	3.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	43679	4.32	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
43) Dimethylphthalate-d6	13.95	166	138562	4.42	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	151403	4.26	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
57) Fluorene-d10	15.53	176	129491	4.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.39	188	207049	4.74	ng/ul	0.00
76) Pyrene-d10	19.68	212	230741	4.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	238825	4.63	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.40	88	9689	1.98	ng/uL#	74
10) 2-Chlorophenol	7.47	128	45185	4.88	ng/ul#	69
15) N-Nitroso-di-n-propylamine	8.71	70	45868	3.39	ng/ul#	82
17) Hexachloroethane	8.99	117	22179	3.76	ng/ul	89
20) Nitrobenzene	9.11	77	68212	3.45	ng/ul#	93
21) Isophorone	9.63	82	116182	3.96	ng/ul#	96
23) 2-Nitrophenol	9.82	139	22168	4.45	ng/ul#	43
24) 2,4-Dimethylphenol	9.87	107	59064	3.90	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.12	93	67301	4.51	ng/ul	95
27) 2,4-Dichlorophenol	10.35	162	44739	4.41	ng/ul#	92
28) Naphthalene	10.76	128	142658	4.82	ng/ul#	96
31) Hexachlorobutadiene	11.03	225	39350	3.93	ng/ul	98
33) 4-Chloro-3-methylphenol	11.98	107	49395	3.67	ng/ul	98
34) 2-Methylnaphthalene	12.37	142	107527	4.64	ng/ul	87
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	67746	4.72	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.97	196	35864	4.14	ng/ul	95
39) 2,4,5-Trichlorophenol	13.04	196	39809	4.22	ng/ul	89
40) 1,1'-Biphenyl	13.37	154	142770	4.91	ng/ul	94
41) 2-Chloronaphthalene	13.42	162	113090	4.97	ng/ul	100
42) 2-Nitroaniline	13.63	65	33129	2.70	ng/ul#	81
44) Dimethylphthalate	14.00	163	142088	4.65	ng/ul#	93
45) 2,6-Dinitrotoluene	14.12	165	22094	3.78	ng/ul#	69
47) Acenaphthylene	14.27	152	159213	4.55	ng/ul	96

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
 Data File : BM008980.D
 Acq On : 08 Feb 2017 11:01
 Operator : SJ/MA
 Sample : SST00535
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST00535

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:32:45 PM

Quant Time: Feb 08 14:11:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 08 13:41:42 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Acenaphthene	14.61	153	120686	4.81	ng/ul	99
53) Dibenzofuran	14.94	168	180014	4.71	ng/ul#	86
54) 2,4-Dinitrotoluene	14.90	165	33844	3.81	ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.17	232	35288	3.88	ng/ul#	78
56) Diethylphthalate	15.36	149	141427	4.18	ng/ul	95
58) Fluorene	15.59	166	142157	4.37	ng/ul#	95
59) 4-Chlorophenyl-phenylether	15.59	204	80709	4.34	ng/ul#	93
64) N-Nitrosodiphenylamine	15.80	169	119547	4.73	ng/ul	90
65) 4-Bromophenyl-phenylether	16.48	248	47216	4.40	ng/ul	95
66) Hexachlorobenzene	16.59	284	56186	4.86	ng/ul	99
69) Phenanthrene	17.33	178	237231	4.79	ng/ul	98
71) Anthracene	17.43	178	231663	4.55	ng/ul	97
73) Di-n-butylphthalate	18.24	149	221760	4.14	ng/ul#	96
77) Pyrene	19.70	202	299798	4.66	ng/ul#	95
78) Butylbenzylphthalate	20.59	149	92524	3.88	ng/ul	92
80) Benzo(a)anthracene	21.44	228	314016	4.67	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.36	149	138386	4.14	ng/ul	98
82) Chrysene	21.50	228	306242	4.82	ng/ul	99
85) Benzo(b)fluoranthene	23.10	252	321981	4.68	ng/ul#	98
86) Benzo(k)fluoranthene	23.14	252	292327	4.44	ng/ul#	94
88) Benzo(a)pyrene	23.71	252	300182	4.57	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.21	276	341469	4.83	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.23	278	301509m	5.00	ng/ul	
91) Benzo(g,h,i)perylene	26.94	276	295857	5.11	ng/ul#	95

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020817\
Data File : BM008980.D
Acq On : 08 Feb 2017 11:01
Operator : SJ/MA
Sample : SSTD00535
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00535

Manual Integrations
APPROVED

mohammad
2/9/2017 12:32:45 PM

Quant Time: Feb 08 14:11:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM020817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 08 13:41:42 2017
Response via : Initial Calibration

