Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On   : 09 Dec 2021 13:48
Operator : CG/JU
Sample   : SSTDICV020
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

TIC: BM033356.D\data.ms

FAM-EPA-BM120921.M Fri Dec 10 01:28:39 2021

Page: 4

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On    : 09 Dec 2021  13:48
Operator  : CG/JU
Sample    : SSTDICV020
Misc      :
ALS Vial  : 9   Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration
```
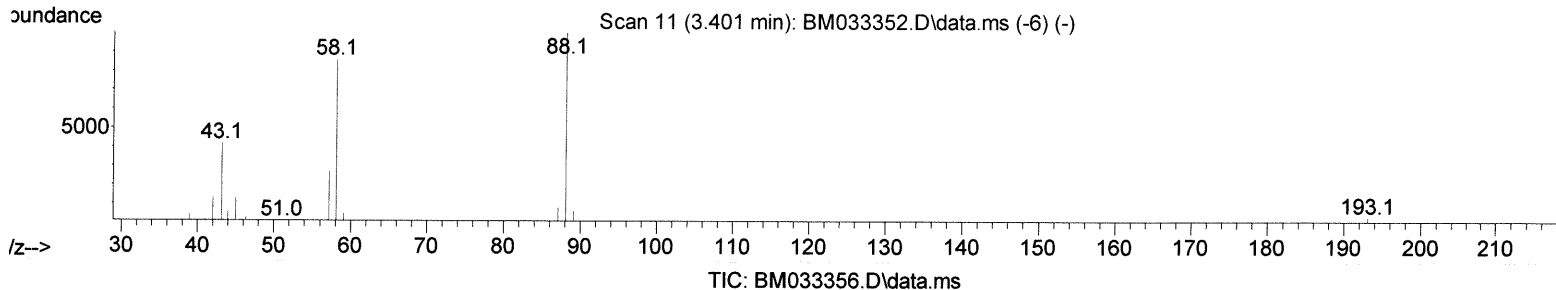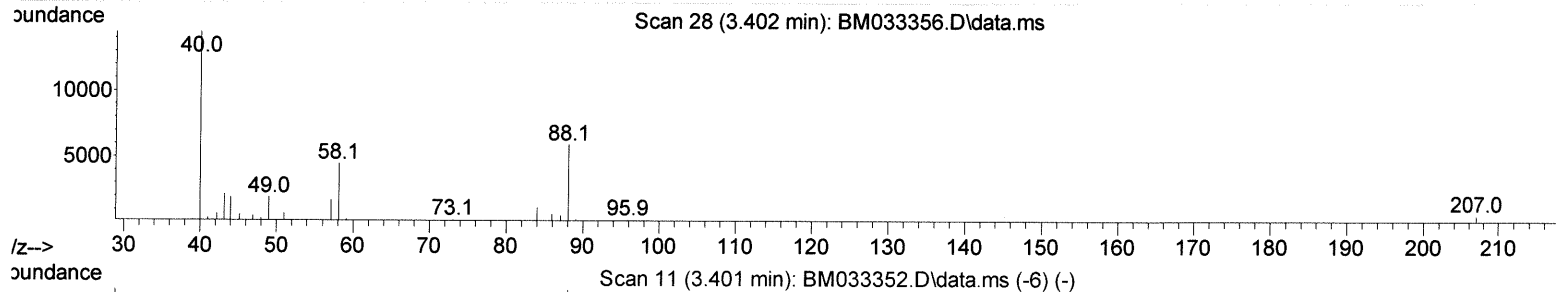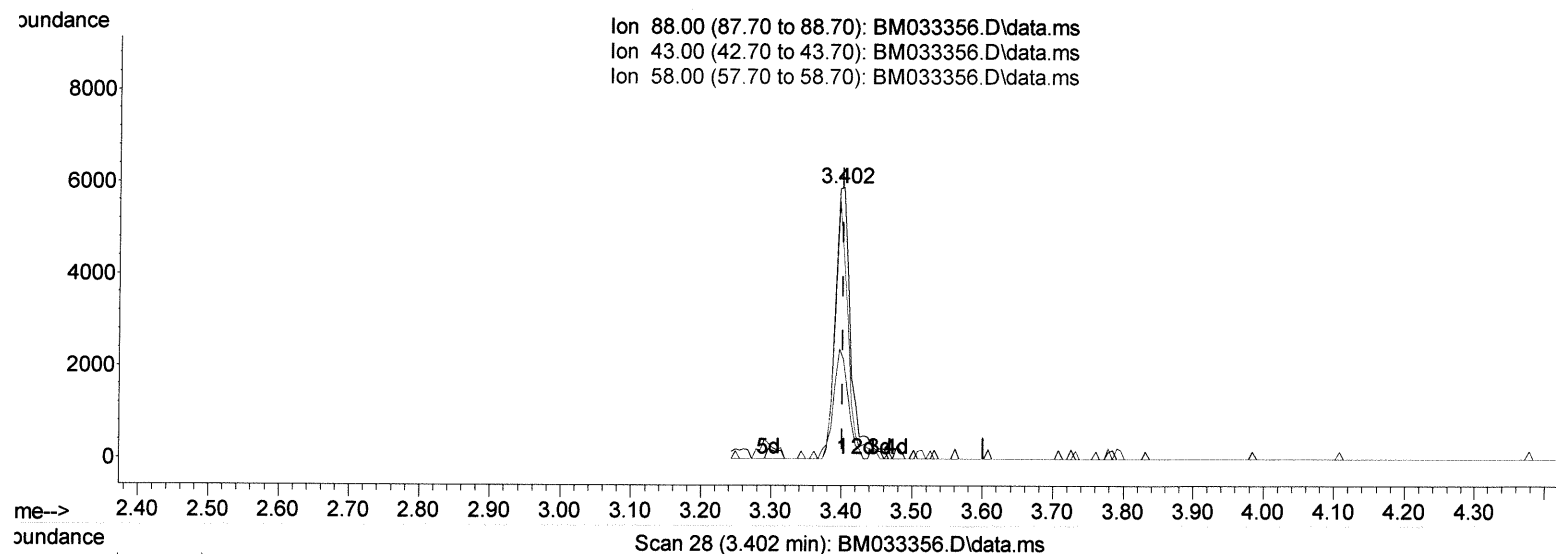
Ion 88.00 (87.70 to 88.70): BM033356.D\data.ms
Ion 43.00 (42.70 to 43.70): BM033356.D\data.ms
Ion 58.00 (57.70 to 58.70): BM033356.D\data.ms

Scan 28 (3.402 min): BM033356.D\data.ms

Scan 11 (3.401 min): BM033352.D\data.ms (-6) (-)

TIC: BM033356.D\data.ms

```
  (2)  1,4-Dioxane

  3.402min (+ 0.001)   6.66 ng/uL

  response       8417

     Ion        Exp%       Act%

    88.00      100.00     100.00

    43.00       45.30      36.59

    58.00       85.60      75.60

     0.00        0.00       0.00
```
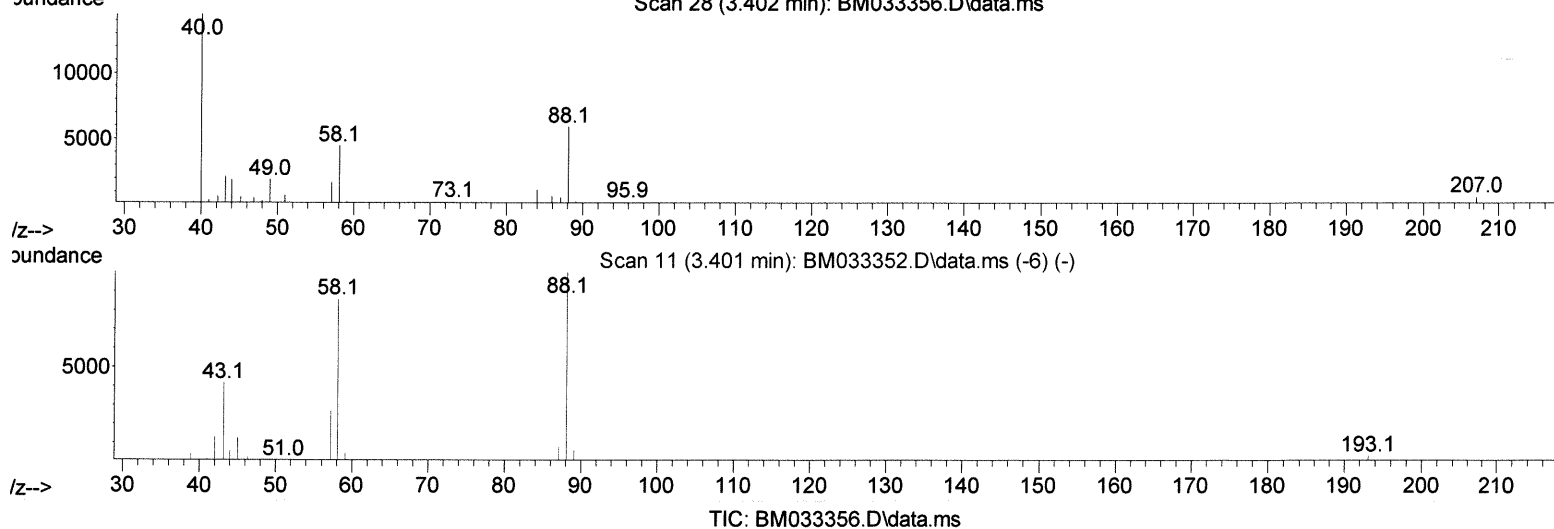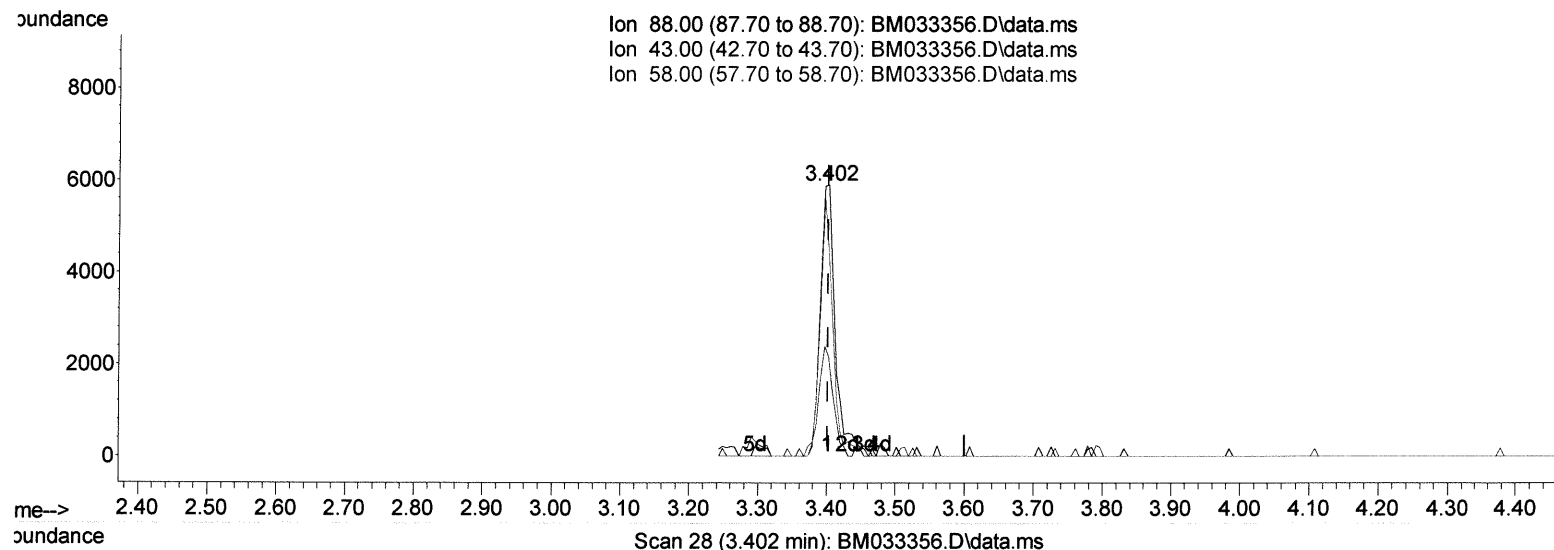
Instrument :
BNA_M
ClientSampleId :
SICV017

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/10/2021
Supervised By :mohammad ahmed   12/15/2021

Ion 88.00 (87.70 to 88.70): BM033356.D\data.ms
Ion 43.00 (42.70 to 43.70): BM033356.D\data.ms
Ion 58.00 (57.70 to 58.70): BM033356.D\data.ms

Scan 28 (3.402 min): BM033356.D\data.ms

Scan 11 (3.401 min): BM033352.D\data.ms (-6) (-)

TIC: BM033356.D\data.ms

(2) 1,4-Dioxane

3.402min (+ 0.001) 7.18 ng/uL m

response   9069

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	45.30	36.59
58.00	85.60	75.60
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On    : 09 Dec 2021  13:48
Operator  : CG/JU
Sample    : SSTDICV020
Misc      :
ALS Vial  : 9    Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration
```

Ion 96.00 (95.70 to 96.70): BM033356.D\data.ms
Ion 64.00 (63.70 to 64.70): BM033356.D\data.ms
Ion 34.00 (33.70 to 34.70): BM033356.D\data.ms

Scan 21 (3.361 min): BM033356.D\data.ms

Scan 5 (3.366 min): BM033352.D\data.ms (-1) (-)

TIC: BM033356.D\data.ms

```
(3)  1,4-Dioxane-d8 (S)

3.361min (-0.005)  6.98 ng/uL

response        7916

   Ion        Exp%        Act%

  96.00      100.00      100.00

  64.00       74.20       88.70

  34.00        0.00        0.00

   0.00        0.00        0.00
```

FAM-EPA-BM120921.M Fri Dec 10 01:25:42 2021   Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On   : 09 Dec 2021 13:48
Operator : CG/JU
Sample   : SSTDICV020
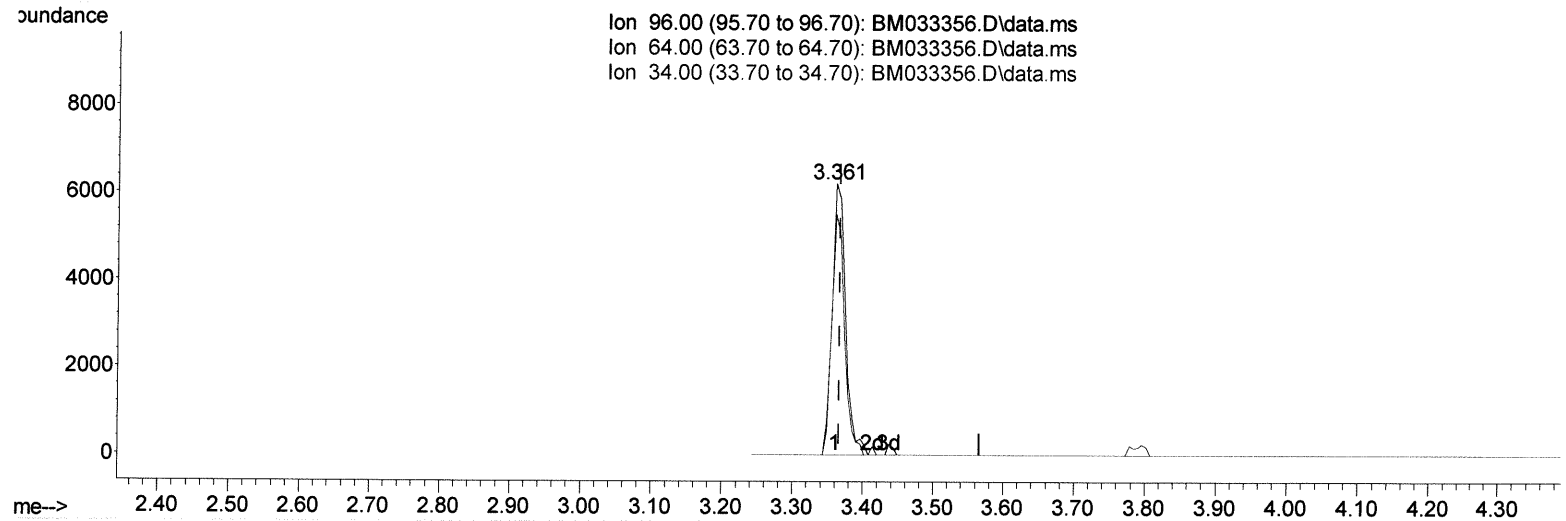Misc   :
ALS Vial : 9   Sample Multiplier: 1

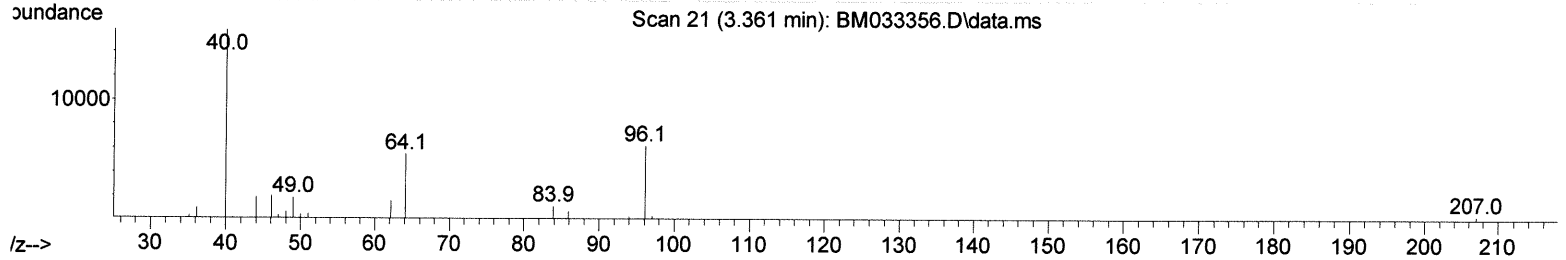Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
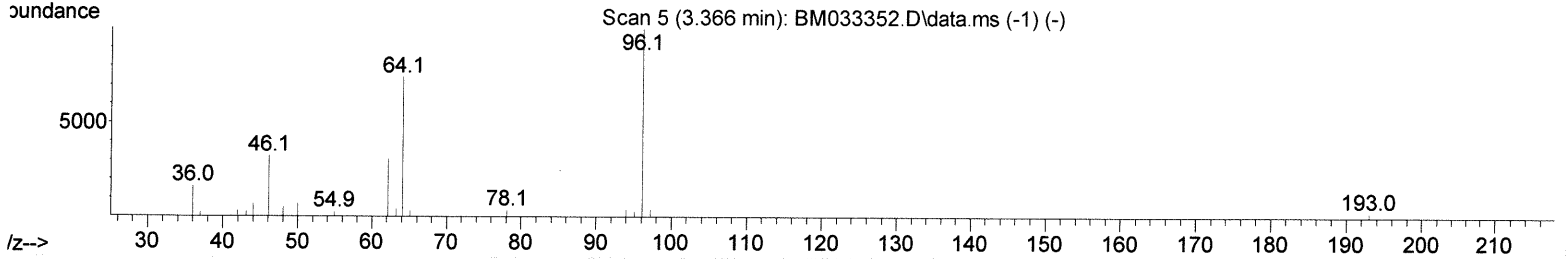Response via : Initial Calibration

Ion 96.00 (95.70 to 96.70): BM033356.D\data.ms
Ion 64.00 (63.70 to 64.70): BM033356.D\data.ms
Ion 34.00 (33.70 to 34.70): BM033356.D\data.ms

Scan 21 (3.361 min): BM033356.D\data.ms

Scan 5 (3.366 min): BM033352.D\data.ms (-1) (-)

TIC: BM033356.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.361min (-0.005)   7.16 ng/uL m

response   8125

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	74.20	88.70
34.00	0.00	0.00
0.00	0.00	0.00

FAM-EPA-BM120921.M Fri Dec 10 01:25:52 2021   Page: 1

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On   : 09 Dec 2021 13:48
Operator : CG/JU
Sample   : SSTDICV020
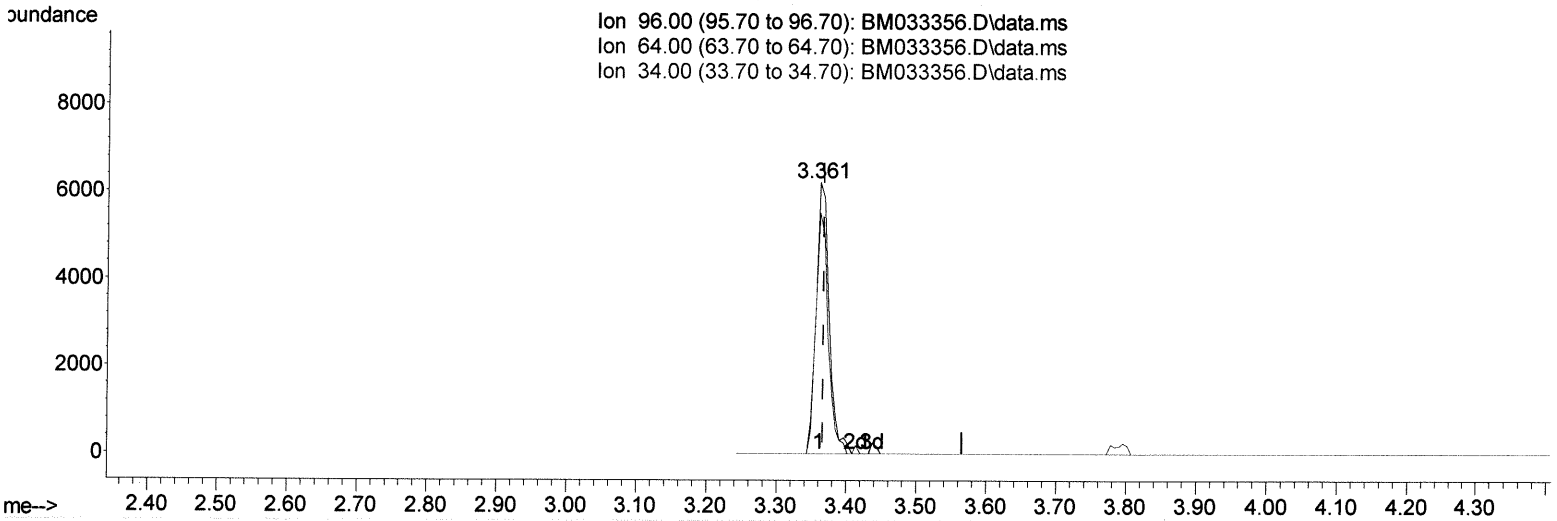Misc   :
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV017

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/10/2021
Supervised By :mohammad ahmed   12/15/2021

Ion 138.00 (137.70 to 138.70): BM033356.D\data.ms
Ion 92.00 (91.70 to 92.70): BM033356.D\data.ms
Ion 108.00 (107.70 to 108.70): BM033356.D\data.ms

Scan 2103 (15.607 min): BM033356.D\data.ms

Scan 2087 (15.612 min): BM033352.D\data.ms (-2077) (-)

TIC: BM033356.D\data.ms

(63)   4-Nitroaniline

15.607min (-0.006)   19.88 ng/ul

response   35084

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	60.00	62.64
108.00	111.90	111.50
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On   : 09 Dec 2021 13:48
Operator : CG/JU
Sample   : SSTDICV020
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
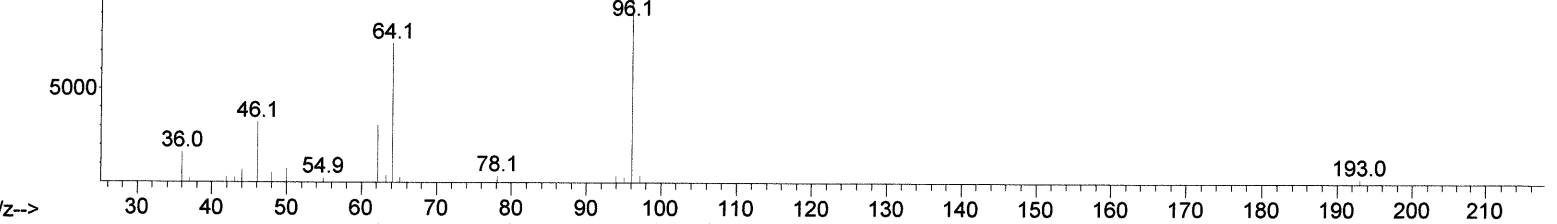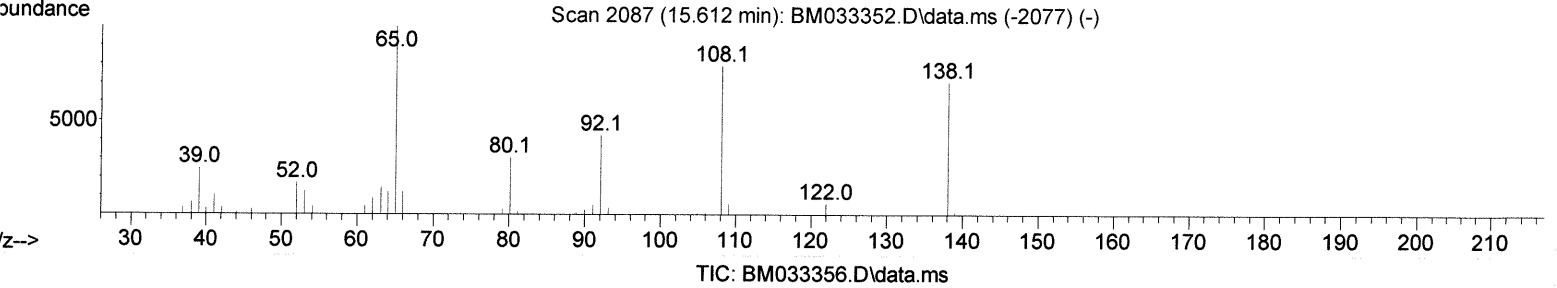QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV017

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay   12/10/2021
Supervised By :mohammad ahmed   12/15/2021

Ion 138.00 (137.70 to 138.70): BM033356.D\data.ms
Ion 92.00 (91.70 to 92.70): BM033356.D\data.ms
Ion 108.00 (107.70 to 108.70): BM033356.D\data.ms

Scan 2103 (15.607 min): BM033356.D\data.ms

Scan 2087 (15.612 min): BM033352.D\data.ms (-2077) (-)

TIC: BM033356.D\data.ms

(63)   4-Nitroaniline

15.607min (-0.006)   20.29 ng/ul m

response   35805

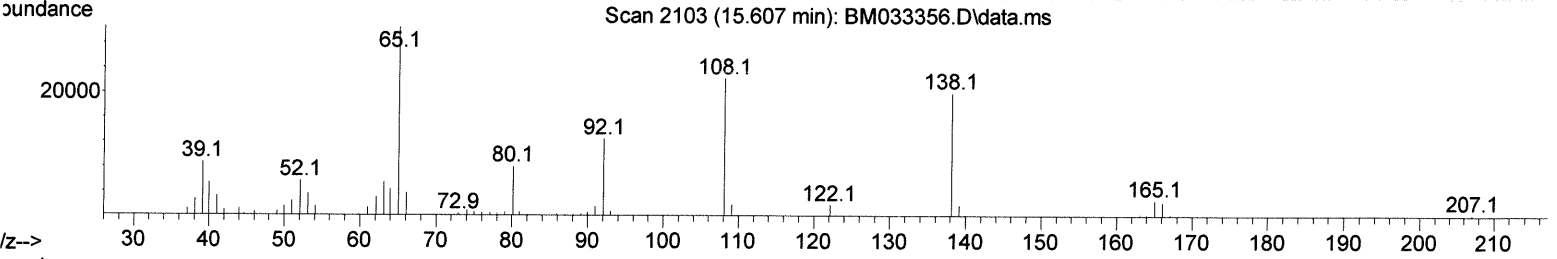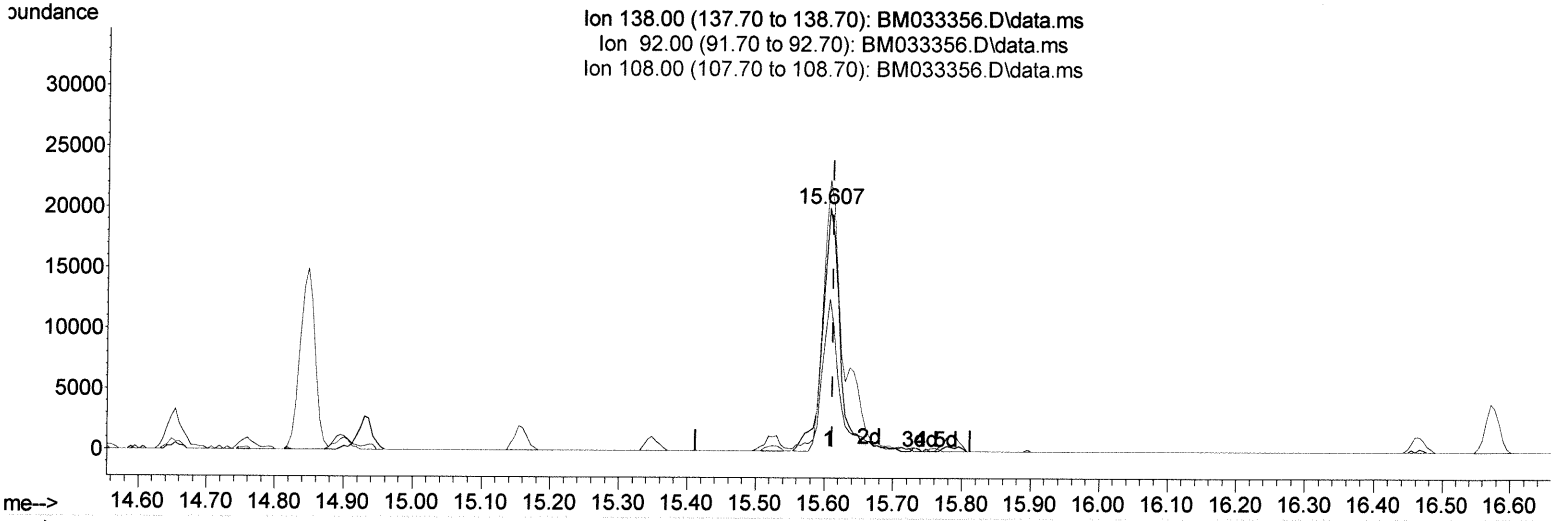| Ion	Exp%	Act%
138.00	100.00	100.00
92.00	60.00	62.64
108.00	111.90	111.50
0.00	0.00	0.00

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On    : 09 Dec 2021  13:48
Operator  : CG/JU
Sample    : SSTDICV020
Misc      :
ALS Vial  : 9    Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title  : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration
```
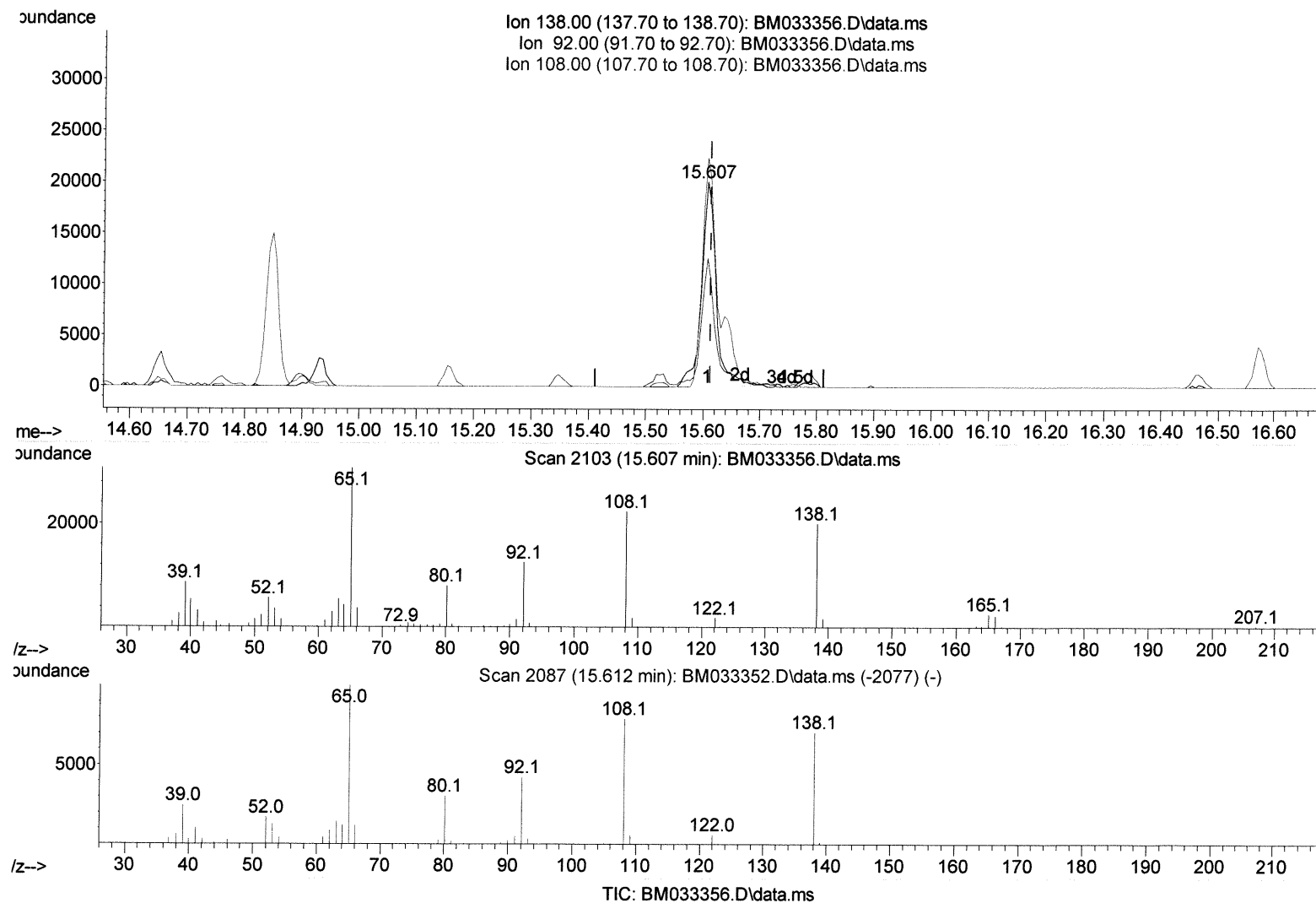
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	42648	20.000	ng/ul	0.00
20) Naphthalene-d8	10.701	136	181035	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	121755	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	265175	20.000	ng/ul	0.00
79) Chrysene-d12	21.436	240	269909	20.000	ng/ul	0.00
88) Perylene-d12	23.765	264	263114	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	8125m	7.159	ng/uL	0.00
4) Pyridine-d5	3.784	84	55603	16.898	ng/ul	0.00
7) Phenol-d5	7.078	99	70055	17.347	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.237	67	46856	17.722	ng/ul	0.00
11) 2-Chlorophenol-d4	7.443	132	51812	18.325	ng/ul	0.00
15) 4-Methylphenol-d8	8.613	113	56540	17.887	ng/ul	0.00
21) Nitrobenzene-d5	9.066	128	27257	18.556	ng/ul	0.00
24) 2-Nitrophenol-d4	9.790	143	28688	19.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.325	165	53556	18.804	ng/ul	0.00
31) 4-Chloroaniline-d4	10.843	131	73385	17.378	ng/ul	0.00
46) Dimethylphthalate-d6	13.942	166	173130	19.031	ng/ul	0.00
49) Acenaphthylene-d8	14.231	160	216674	19.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.742	143	28352	17.165	ng/ul	0.00
60) Fluorene-d10	15.525	176	153980	18.923	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.642	200	27041	16.895	ng/ul	0.00
73) Anthracene-d10	17.372	188	249489	19.037	ng/ul	0.00
81) Pyrene-d10	19.660	212	288873	19.149	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.612	264	262211	18.386	ng/ul	0.00

Handwritten annotation near 1,4-Dioxane-d8 row: JU 12/23/21

Compound	R.T.	QIon	Response	Conc	Units	Qvalue
Target Compounds						
2) 1,4-Dioxane	3.402	88	9069m	7.179	ng/uL	
5) Pyridine	3.802	79	58142	17.156	ng/ul	93
6) Benzaldehyde	7.055	77	52025	23.123	ng/ul	89
8) Phenol	7.102	94	72970	17.542	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.331	93	56821	18.157	ng/ul	96
12) 2-Chlorophenol	7.472	128	55328	18.923	ng/ul	95
13) 2-Methylphenol	8.349	108	52759	17.494	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.425	45	97783	18.109	ng/ul	98
16) Acetophenone	8.731	105	92371	17.640	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.713	70	53131	18.563	ng/ul	98
18) 4-Methylphenol	8.678	108	57959	17.565	ng/ul	93
19) Hexachloroethane	8.984	117	27776	18.804	ng/ul#	85
22) Nitrobenzene	9.113	77	79454	18.475	ng/ul	98
23) Isophorone	9.631	82	136327	18.512	ng/ul	99
25) 2-Nitrophenol	9.819	139	30269	18.945	ng/ul	98
26) 2,4-Dimethylphenol	9.878	107	71891	18.557	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.113	93	77206	18.641	ng/ul	99
29) 2,4-Dichlorophenol	10.354	162	55255	19.165	ng/ul	94
30) Naphthalene	10.754	128	188486	18.683	ng/ul	100
32) 4-Chloroaniline	10.866	127	76754	18.085	ng/ul	99
33) Hexachlorobutadiene	11.031	225	39223	18.585	ng/ul	98
34) Caprolactam	11.654	113	16085	16.543	ng/ul	98
35) 4-Chloro-3-methylphenol	11.990	107	62682	18.521	ng/ul	91

Handwritten annotation near 1,4-Dioxane row: JU 12/23/21

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033356.D
Acq On   : 09 Dec 2021 13:48
Operator : CG/JU
Sample   : SSTDICV020
Misc   :
ALS Vial : 9   Sample Multiplier: 1

Quant Time: Dec 10 01:19:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 09 13:25:37 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.360	142	126524	18.493	ng/ul	98
37) 1-Methylnaphthalene	12.578	142	134158	18.869	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.725	216	70201	19.137	ng/ul	95
40) Hexachlorocyclopentadiene	12.701	237	64879	27.098	ng/ul	98
41) 2,4,6-Trichlorophenol	12.972	196	42236	19.560	ng/ul	92
42) 2,4,5-Trichlorophenol	13.048	196	45609	19.497	ng/ul	97
43) 1,1'-Biphenyl	13.372	154	178774	19.193	ng/ul	96
44) 2-Chloronaphthalene	13.413	162	138617	19.342	ng/ul	100
45) 2-Nitroaniline	13.625	65	48648	19.035	ng/ul	95
47) Dimethylphthalate	13.989	163	170912	18.921	ng/ul	99
48) 2,6-Dinitrotoluene	14.113	165	32944	18.868	ng/ul	93
50) Acenaphthylene	14.254	152	223902	19.069	ng/ul	99
51) 3-Nitroaniline	14.448	138	32246	18.762	ng/ul#	99
52) Acenaphthene	14.595	153	146807	18.839	ng/ul	94
53) 2,4-Dinitrophenol	14.654	184	15288	14.899	ng/ul	97
55) 4-Nitrophenol	14.760	109	31016	17.373	ng/ul	91
56) Dibenzofuran	14.930	168	213328	18.877	ng/ul	98
57) 2,4-Dinitrotoluene	14.901	165	49465	19.284	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.160	232	37503	18.859	ng/ul#	98
59) Diethylphthalate	15.348	149	175887	18.762	ng/ul	99
61) Fluorene	15.578	166	176583	19.004	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.572	204	88027	18.992	ng/ul	96
63) 4-Nitroaniline	15.607	138	35805m	20.287	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.660	198	27670	17.356	ng/ul#	97
67) N-Nitrosodiphenylamine	15.789	169	146706	18.816	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	51031	19.106	ng/ul	98
69) Hexachlorobenzene	16.577	284	56413	18.332	ng/ul	94
70) Atrazine	16.736	200	54533	17.627	ng/ul	98
71) Pentachlorophenol	16.924	266	39921	23.134	ng/ul	97
72) Phenanthrene	17.319	178	283140	18.509	ng/ul	99
74) Anthracene	17.407	178	286246	18.456	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.331	216	72132	18.861	ng/uL	97
76) Pentachlorobenzene	14.848	250	71573	18.951	ng/uL	95
77) Carbazole	17.677	167	253880	18.111	ng/ul	99
78) Di-n-butylphthalate	18.230	149	291278	18.518	ng/ul	99
80) Fluoranthene	19.324	202	334198	18.795	ng/ul	99
82) Pyrene	19.689	202	353085	18.968	ng/ul	98
83) Butylbenzylphthalate	20.577	149	134704	18.891	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.359	252	115599	18.843	ng/ul	96
85) Benzo(a)anthracene	21.424	228	331092	18.670	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.342	149	190191	18.559	ng/ul	99
87) Chrysene	21.477	228	324213	18.602	ng/ul	98
89) Di-n-octyl phthalate	22.242	149	326642	16.932	ng/ul	100
90) Benzo(b)fluoranthene	23.059	252	337678	18.732	ng/ul	98
91) Benzo(k)fluoranthene	23.106	252	309479	18.541	ng/ul	99
93) Benzo(a)pyrene	23.659	252	317977	18.383	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.136	276	339241	18.034	ng/ul	99
95) Dibenzo(a,h)anthracene	26.153	278	292107	17.852	ng/ul	97
96) Benzo(g,h,i)perylene	26.865	276	289475	18.042	ng/ul	98

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