Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009378.D
Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 00:00:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
mohammad
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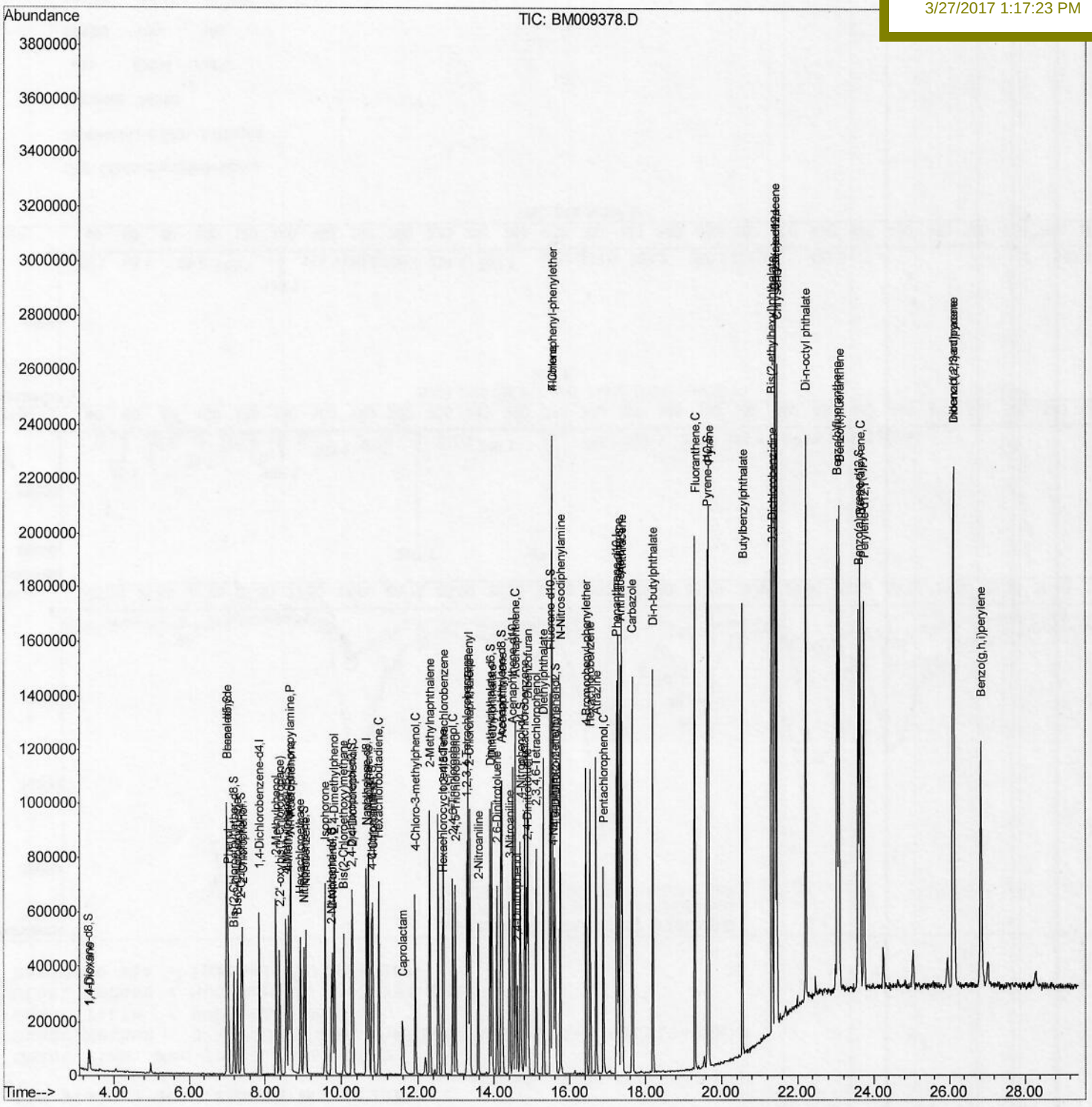

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009378.D
Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 23:57:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
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LabSampleId :
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Manual Integrations APPROVED
mohammad
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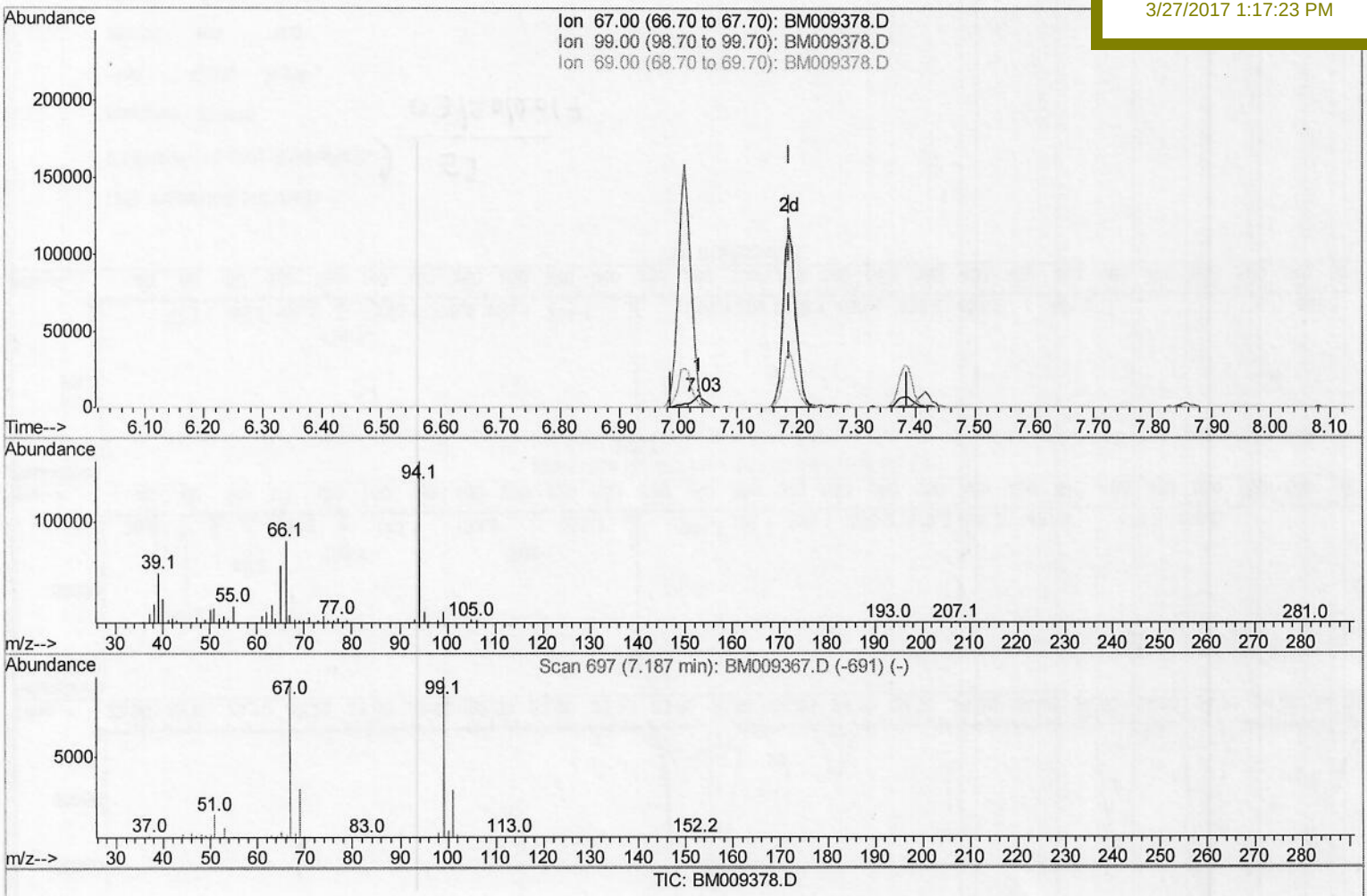

TIC: BM009378.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.034min (-0.153) 1.16ng/ul

response 10035

Ion	Exp%	Act%
67.00	100	100
99.00	135.60	146.76
69.00	32.50	28.85
0.00	0.00	0.00

Quantitation Report (Qedit)

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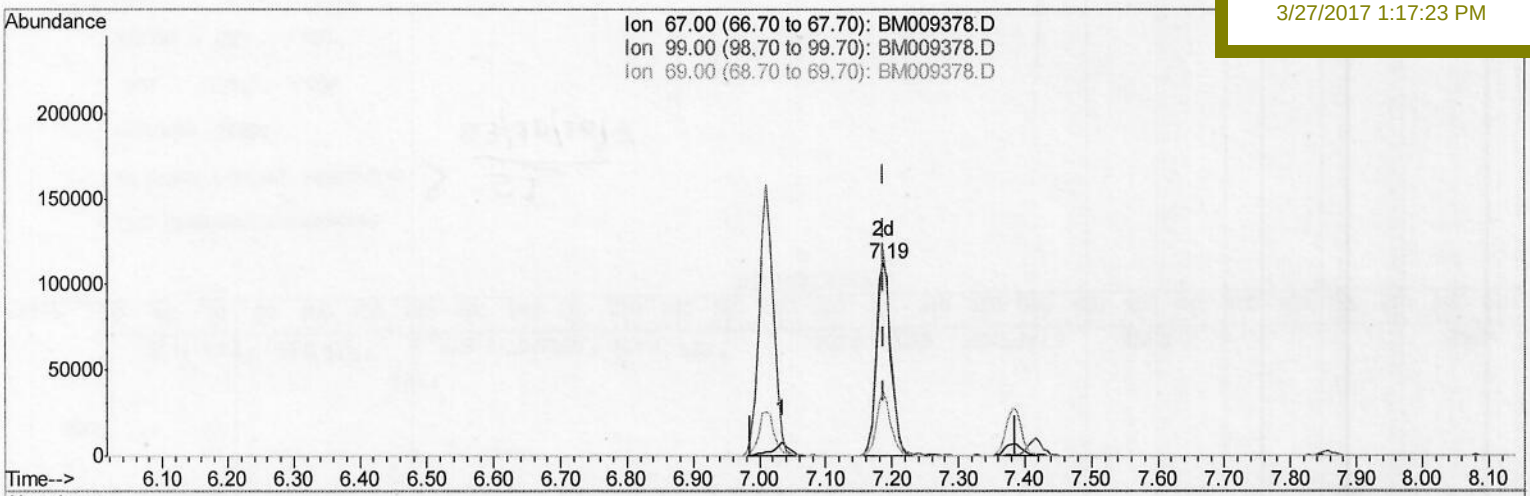
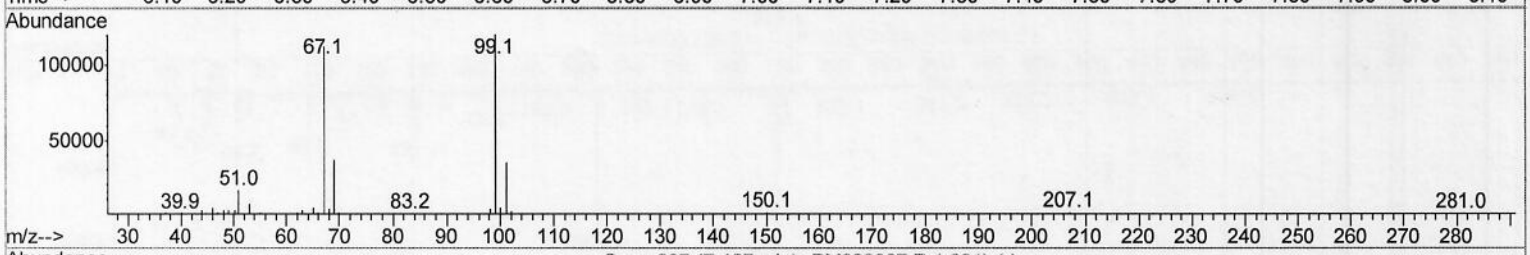
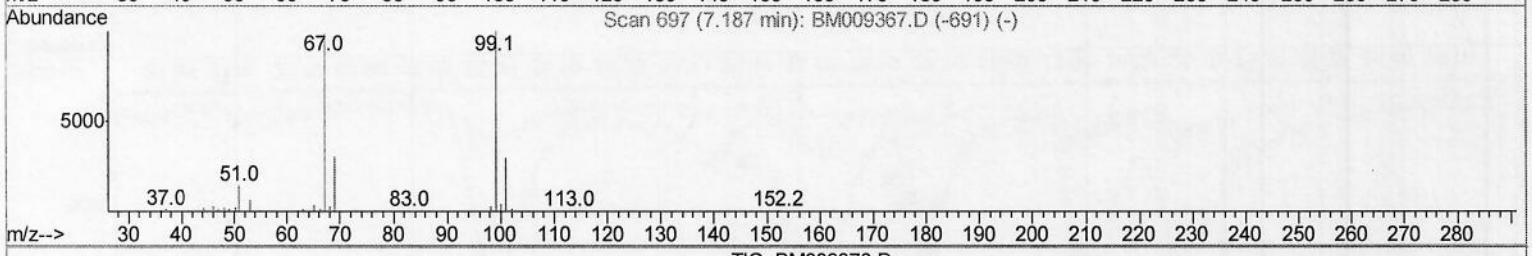
Manual Integrations APPROVED
mohammad
3/27/2017 1:17:23 PM







TIC: BM009378.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.187min (-0.000) 20.58ng/ul m

SJ 03/27/2017

response 178242

Ion	Exp%	Act%
67.00	100	100
99.00	135.60	107.48#
69.00	32.50	32.74
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM009378.D
Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 23:57:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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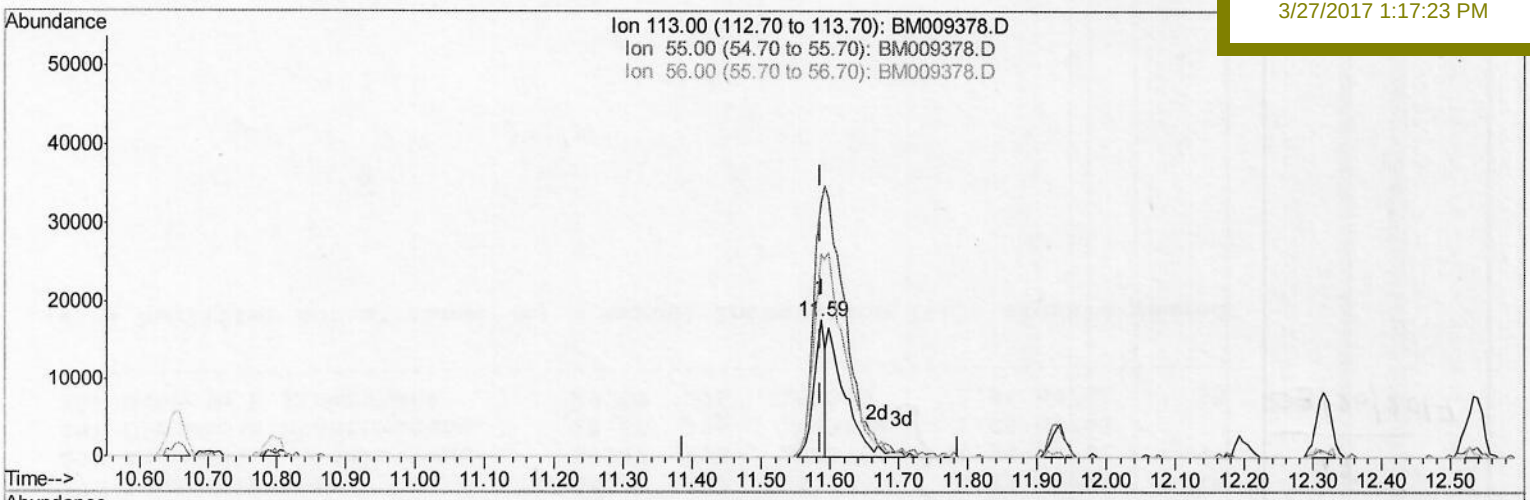

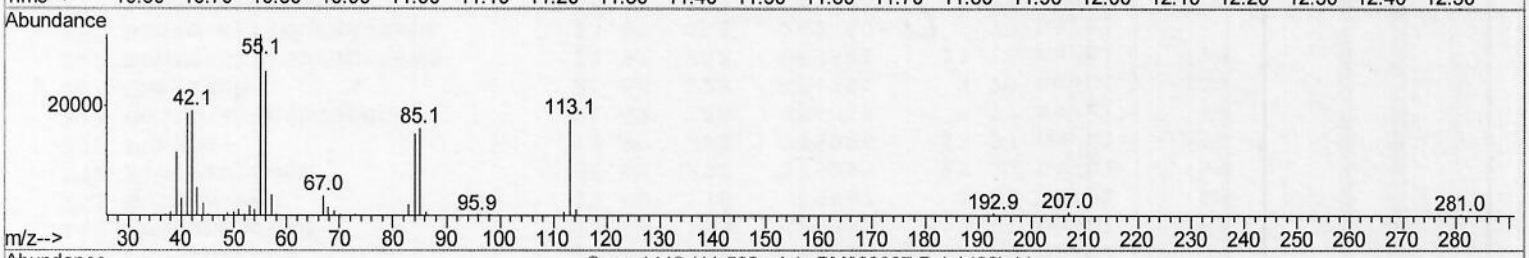

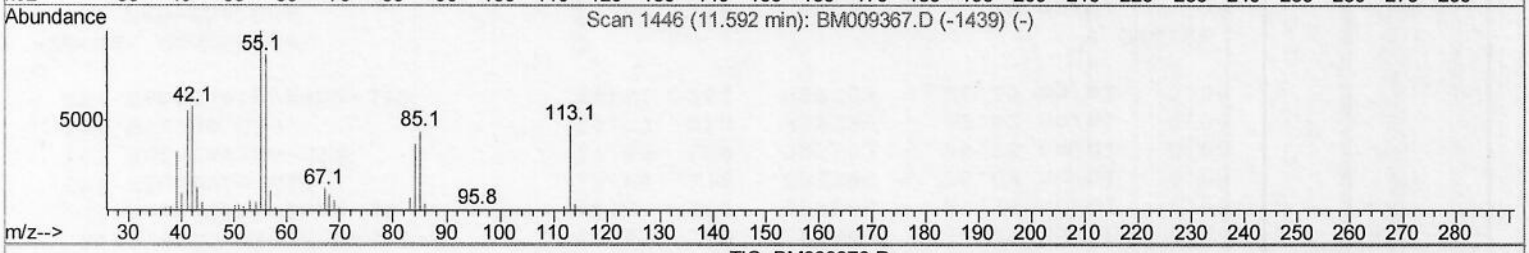

TIC: BM009378.D

(32) Caprolactam

11.586min (-0.000) 7.83ng/ul

response 20320

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	185.19#
56.00	101.50	148.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
Data File : BM009378.D
Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 23:57:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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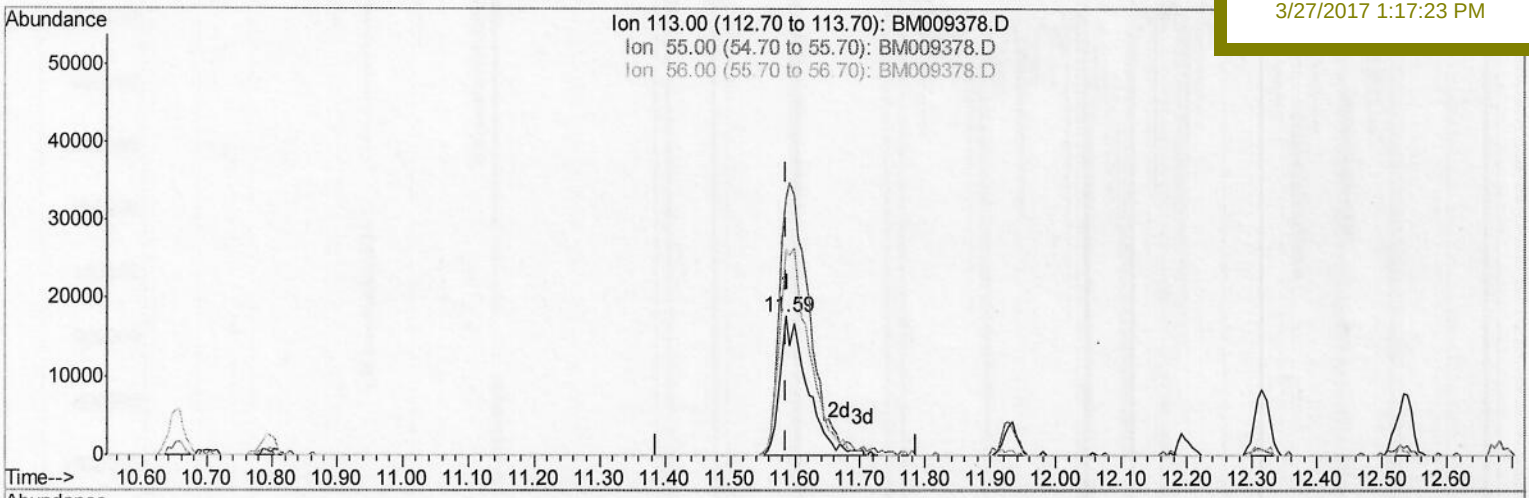

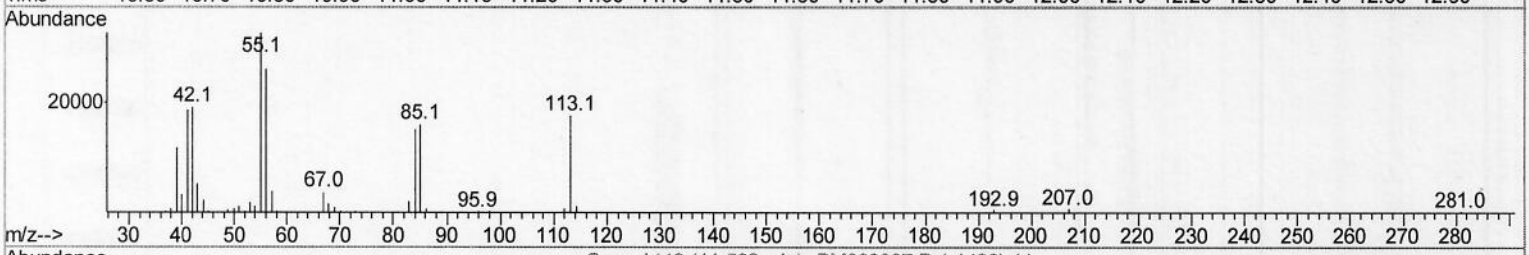

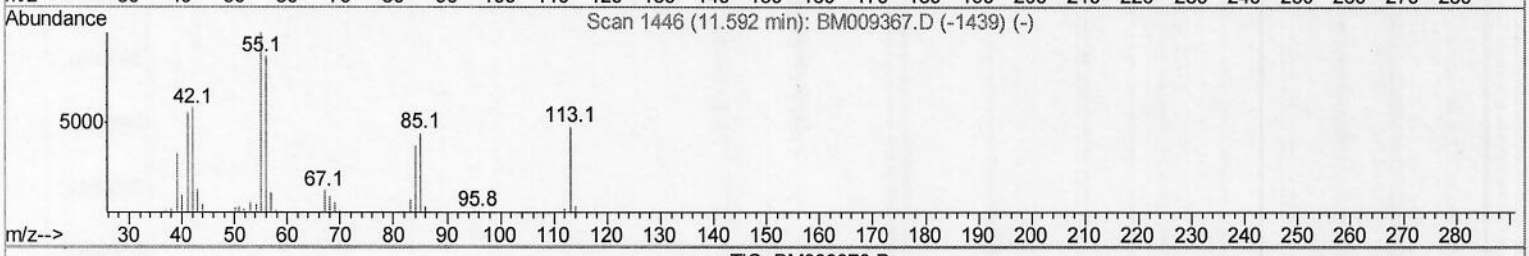

TIC: BM009378.D

(32) Caprolactam

11.586min (-0.000) 19.70ng/ul m

response 51146

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03/27/2017

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	185.19#
56.00	101.50	148.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 23:57:30 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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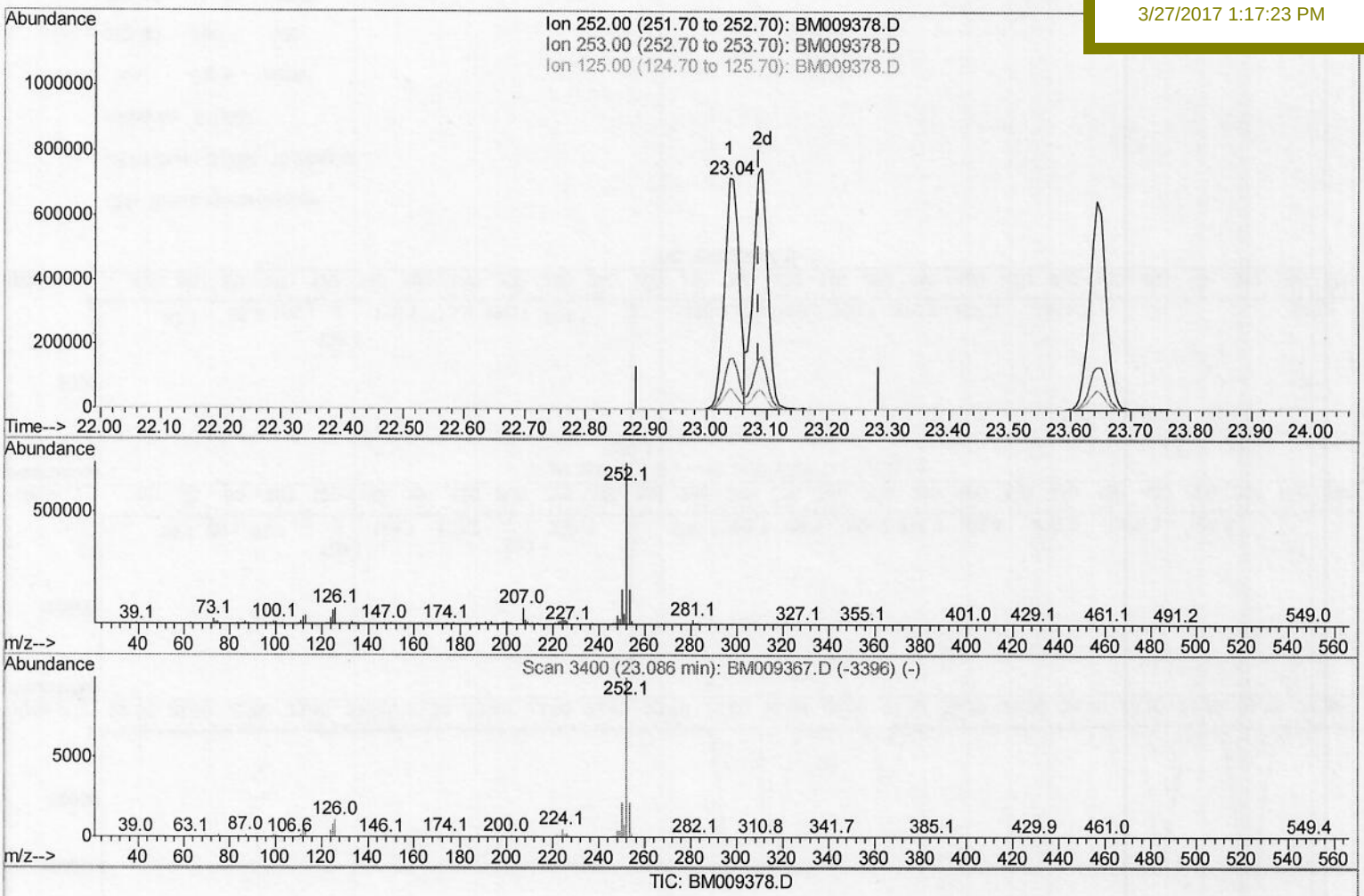

TIC: BM009378.D

(88) Benzo(k)fluoranthene

23.039min (-0.047) 20.75ng/ul

response 1219409

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.88
125.00	10.20	9.01
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM032417\
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Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 25 00:00:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
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Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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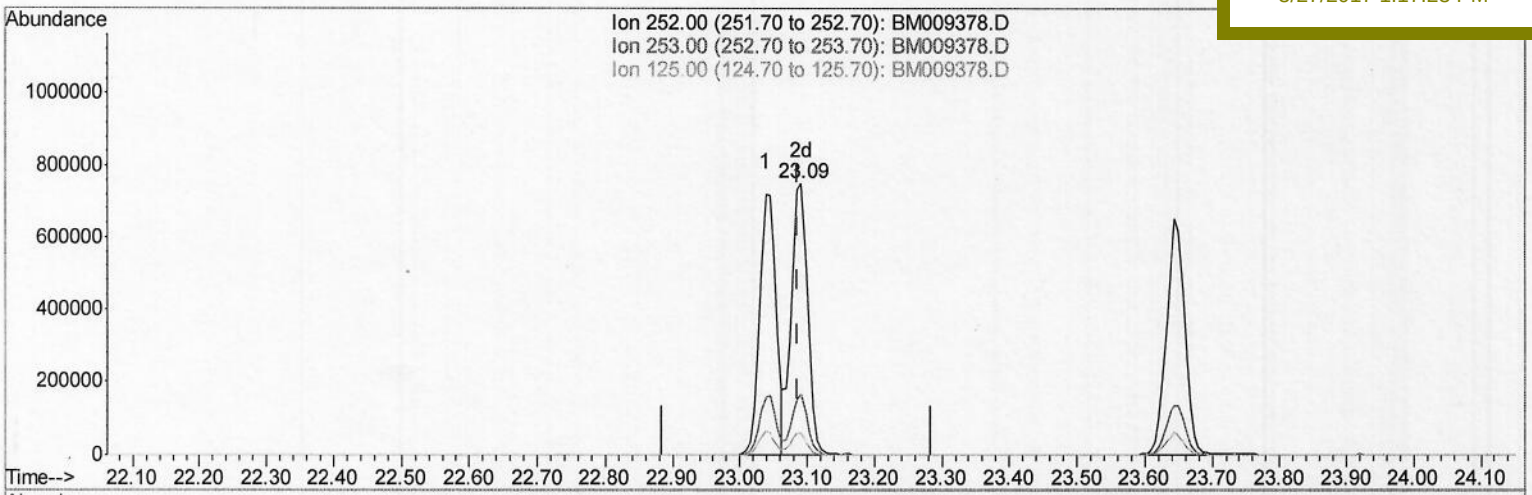

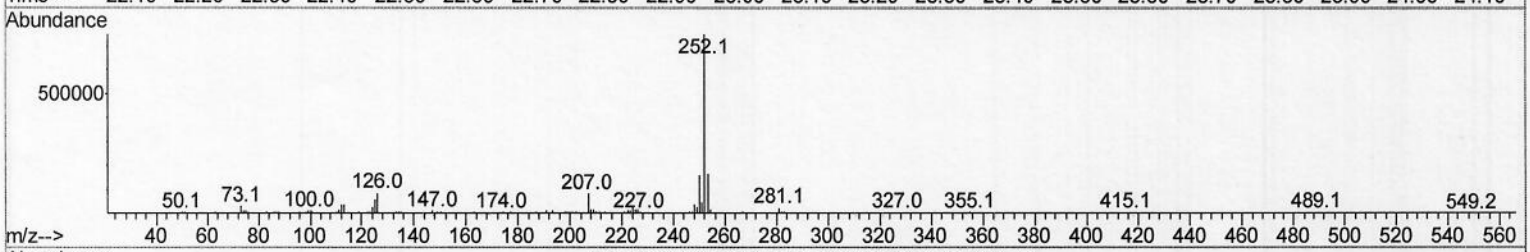

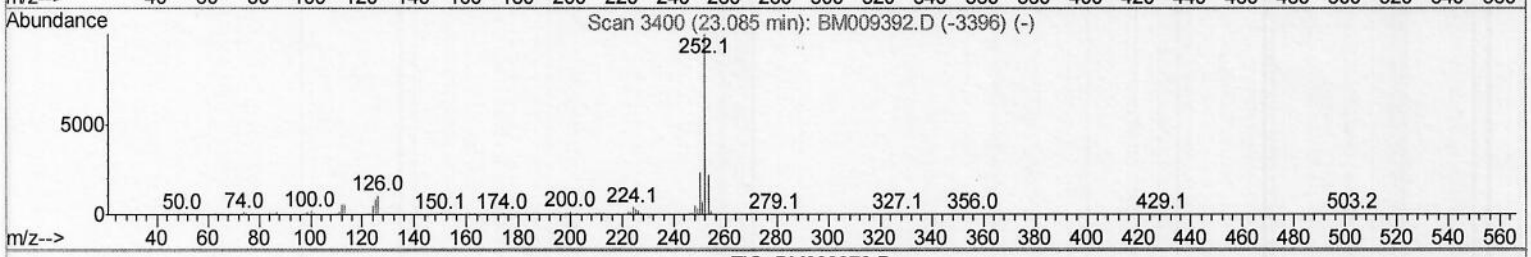

TIC: BM009378.D

(88) Benzo(k)fluoranthene

23.092min (+0.006) 21.34ng/ul m

response 1254552

SJ 03/27/2017

Ion	Exp%	Act%
252.00	100	100
253.00	21.60	21.68
125.00	10.20	7.85#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032417\
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Acq On : 24 Mar 2017 13:58
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTD02062

Manual Integrations APPROVED
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Quant Time: Mar 25 00:00:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	134352	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	535819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	340852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	806394	20.00	ng/ul	0.00
77) Chrysene-d12	21.42	240	1102105	20.00	ng/ul	0.00
85) Perylene-d12	23.75	264	1021559	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	28219	8.00	ng/uL	0.00
5) Phenol-d5	7.01	99	237265	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	178242m	20.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	164626	20.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	178983	19.73	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	77619	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	82791	19.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	174804	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	212357	21.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	532788	22.23	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	662789	22.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	92610	20.96	ng/ul	0.00
57) Fluorene-d10	15.49	176	500988	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	94649	18.57	ng/ul	0.00
70) Anthracene-d10	17.34	188	788128	20.49	ng/ul	0.00
78) Pyrene-d10	19.64	212	923327	19.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.60	264	964568	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	30875	7.84	ng/uL#	62
4) Benzaldehyde	7.00	77	194991	22.91	ng/ul#	84
6) Phenol	7.04	94	260106	20.01	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.28	93	197854	19.54	ng/ul#	78
10) 2-Chlorophenol	7.42	128	174640	20.06	ng/ul#	75
11) 2-Methylphenol	8.29	108	171403	19.06	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.39	45	331712	20.19	ng/ul#	87
14) Acetophenone	8.68	105	311496	20.14	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.66	70	179995	20.17	ng/ul#	77
16) 4-Methylphenol	8.62	108	191683	19.63	ng/ul	97
17) Hexachloroethane	8.93	117	83000	19.76	ng/ul	88
20) Nitrobenzene	9.06	77	273609	20.60	ng/ul#	82
21) Isophorone	9.58	82	457086	20.70	ng/ul#	91
23) 2-Nitrophenol	9.77	139	92125	20.39	ng/ul#	55
24) 2,4-Dimethylphenol	9.82	107	229699	20.59	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.06	93	270808	21.16	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	174478	20.70	ng/ul#	95
28) Naphthalene	10.70	128	555780	20.49	ng/ul	99
30) 4-Chloroaniline	10.82	127	223407	21.90	ng/ul	96
31) Hexachlorobutadiene	10.97	225	135858	20.58	ng/ul	92
32) Caprolactam	11.59	113	51146m	19.70	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	199502	21.08	ng/ul	90
34) 2-Methylnaphthalene	12.32	142	417060	21.33	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 24 04:55:42 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02062

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	242248	21.15 ng/ul	95
37) Hexachlorocyclopentadiene	12.65	237	137971	19.21 ng/ul	97
38) 2,4,6-Trichlorophenol	12.92	196	141334	21.08 ng/ul	96
39) 2,4,5-Trichlorophenol	12.99	196	158619	21.93 ng/ul	95
40) 1,1'-Biphenyl	13.33	154	556325	22.09 ng/ul#	96
41) 2-Chloronaphthalene	13.37	162	433534	22.13 ng/ul	95
42) 2-Nitroaniline	13.59	65	156719	21.70 ng/ul#	66
44) Dimethylphthalate	13.95	163	539667	22.57 ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	102949	22.27 ng/ul#	75
47) Acenaphthylene	14.22	152	665634	22.22 ng/ul	99
48) 3-Nitroaniline	14.41	138	108136	22.69 ng/ul#	79
49) Acenaphthene	14.56	153	462490	21.98 ng/ul	97
50) 2,4-Dinitrophenol	14.62	184	56043	17.65 ng/ul#	81
52) 4-Nitrophenol	14.70	109	108207	20.89 ng/ul#	68
53) Dibenzofuran	14.90	168	697577	22.88 ng/ul	95
54) 2,4-Dinitrotoluene	14.86	165	155434	22.50 ng/ul#	57
55) 2,3,4,6-Tetrachlorophenol	15.12	232	146565	22.48 ng/ul#	87
56) Diethylphthalate	15.32	149	547649	22.33 ng/ul	98
58) Fluorene	15.54	166	568338	22.86 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	297295	22.42 ng/ul	90
60) 4-Nitroaniline	15.57	138	121530	24.01 ng/ul#	74
63) 4,6-Dinitro-2-methylphenol	15.63	198	98820	18.03 ng/ul#	84
64) N-Nitrosodiphenylamine	15.76	169	495175	20.35 ng/ul	97
65) 4-Bromophenyl-phenylether	16.43	248	184133	20.38 ng/ul#	89
66) Hexachlorobenzene	16.54	284	210269	20.66 ng/ul	92
67) Atrazine	16.70	200	179235	19.31 ng/ul	97
68) Pentachlorophenol	16.89	266	113445	18.41 ng/ul	96
69) Phenanthrene	17.29	178	929907	20.49 ng/ul	98
71) Anthracene	17.38	178	951740	20.48 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.29	216	223925	18.89 ng/uL	95
73) Pentachlorobenzene	14.82	250	228518	19.49 ng/uL	99
74) Carbazole	17.65	167	839762	20.04 ng/ul	98
75) Di-n-butylphthalate	18.20	149	930208	20.57 ng/ul#	98
76) Fluoranthene	19.30	202	1098812	20.02 ng/ul	99
79) Pyrene	19.67	202	1185231	19.58 ng/ul	97
80) Butylbenzylphthalate	20.56	149	428291	19.39 ng/ul#	83
81) 3,3'-Dichlorobenzidine	21.34	252	432439	20.45 ng/ul#	98
82) Benzo(a)anthracene	21.41	228	1276290	20.37 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	627970	19.37 ng/ul#	99
84) Chrysene	21.46	228	1197128	20.16 ng/ul	97
86) Di-n-octyl phthalate	22.22	149	1112869	18.77 ng/ul#	86
87) Benzo(b)fluoranthene	23.04	252	1219409	19.77 ng/ul	99
88) Benzo(k)fluoranthene	23.09	252	1254552m	21.34 ng/ul	
90) Benzo(a)pyrene	23.64	252	1218643	20.72 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.11	276	1392471	20.79 ng/ul#	90
92) Dibenzo(a,h)anthracene	26.13	278	1181011	20.58 ng/ul#	95
93) Benzo(g,h,i)perylene	26.85	276	1144654	20.51 ng/ul#	93

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