Quantitation Report (Qedit)

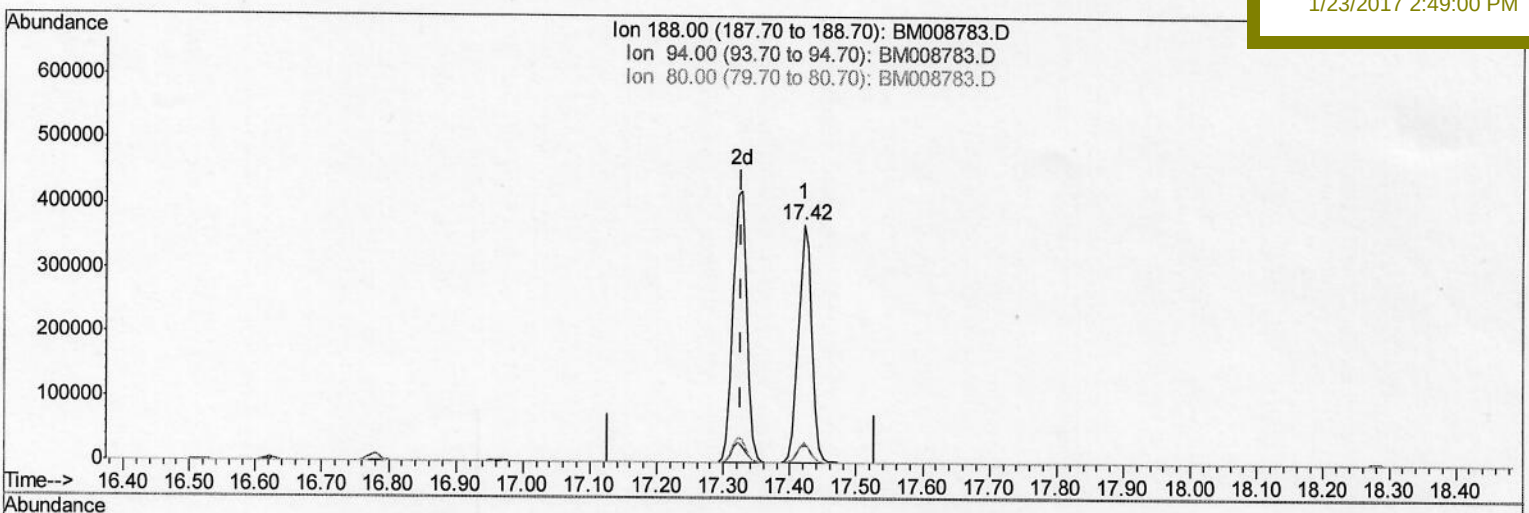
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012117\
Data File : BM008783.D
Acq On : 21 Jan 2017 21:55
Operator : UM/SJ
Sample : SSTDCCC020EC

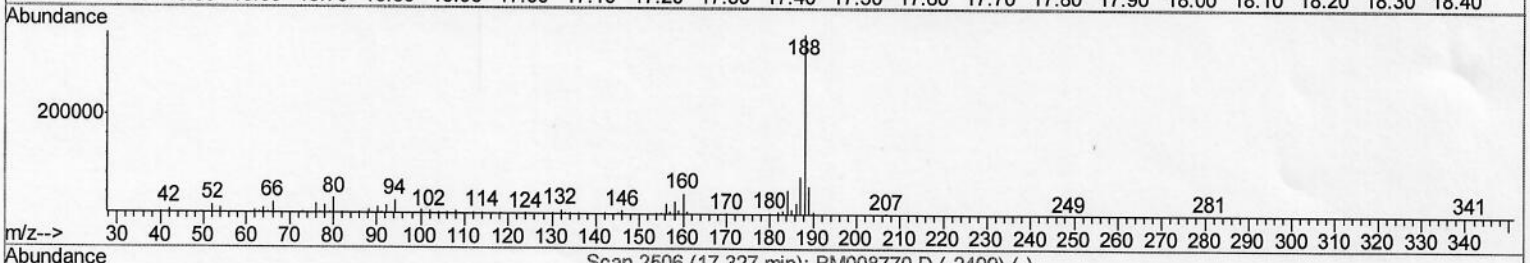
Misc :
ALS Vial : 2 Sample Multiplier: 1

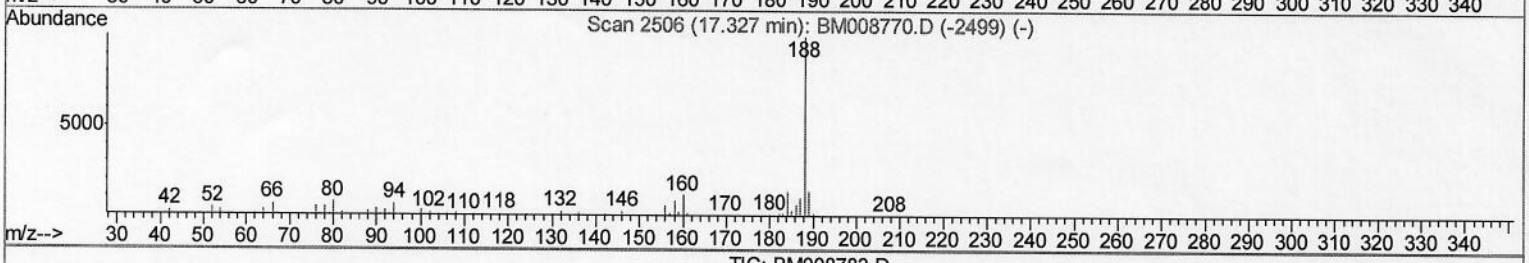
Quant Time: Jan 23 04:57:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integrations APPROVED
mohammad
1/23/2017 2:49:00 PM







TIC: BM008783.D

(61) Phenanthrene-d10 (I)

17.421min (+0.094) 20.00ng/ul

response 517858

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	7.24
80.00	9.50	8.07
0.00	0.00	0.00

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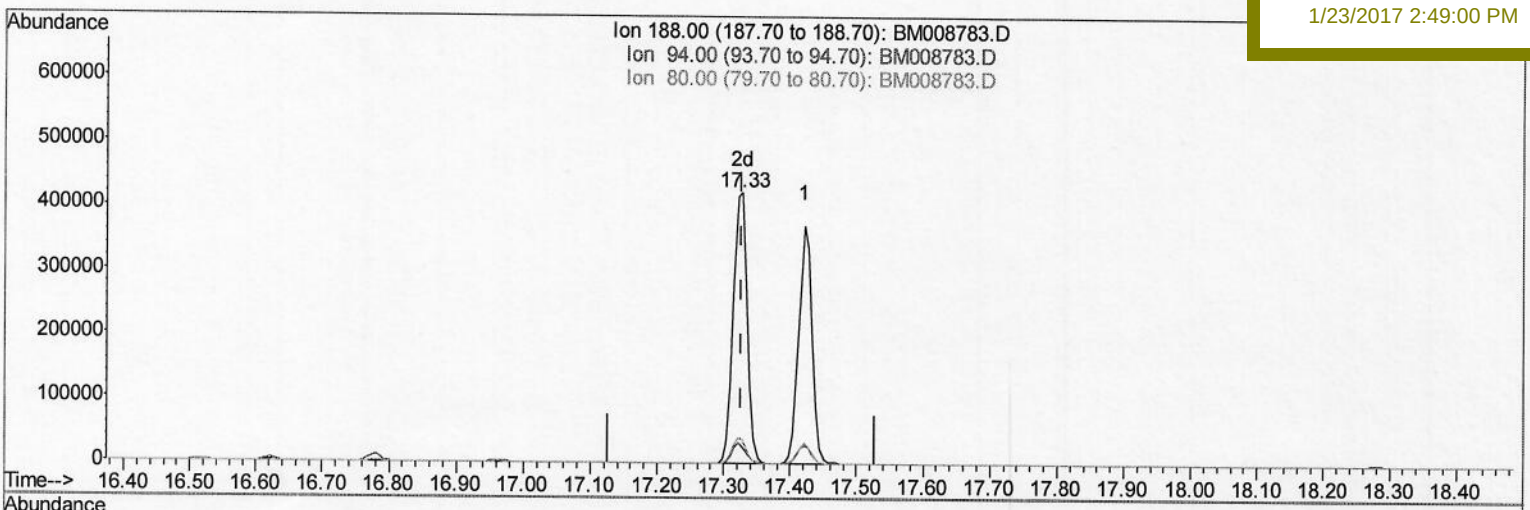
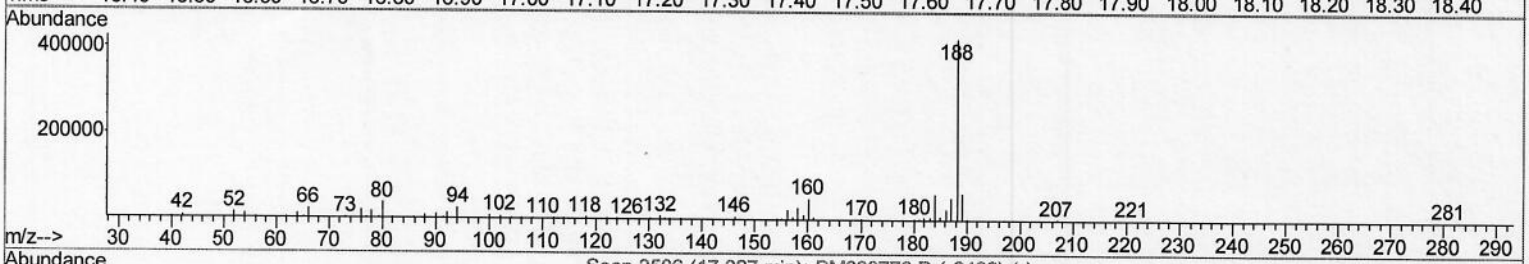
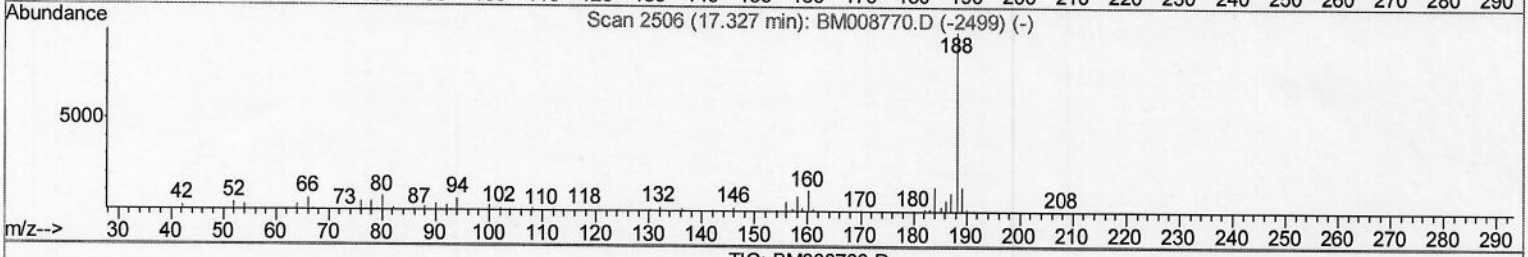
1/23/2017 2:49:00 PM







TIC: BM008783.D

(61) Phenanthrene-d10 (I)

17.327min (+0.000) 20.00ng/ul m

response 605513

SJ 02/06/2017

Ion	Exp%	Act%
188.00	100	100
94.00	8.00	6.09#
80.00	9.50	8.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BM008783.D
Acq On : 21 Jan 2017 21:55
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 05:00:04 2017
Quant Method : Ż:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integrations APPROVED
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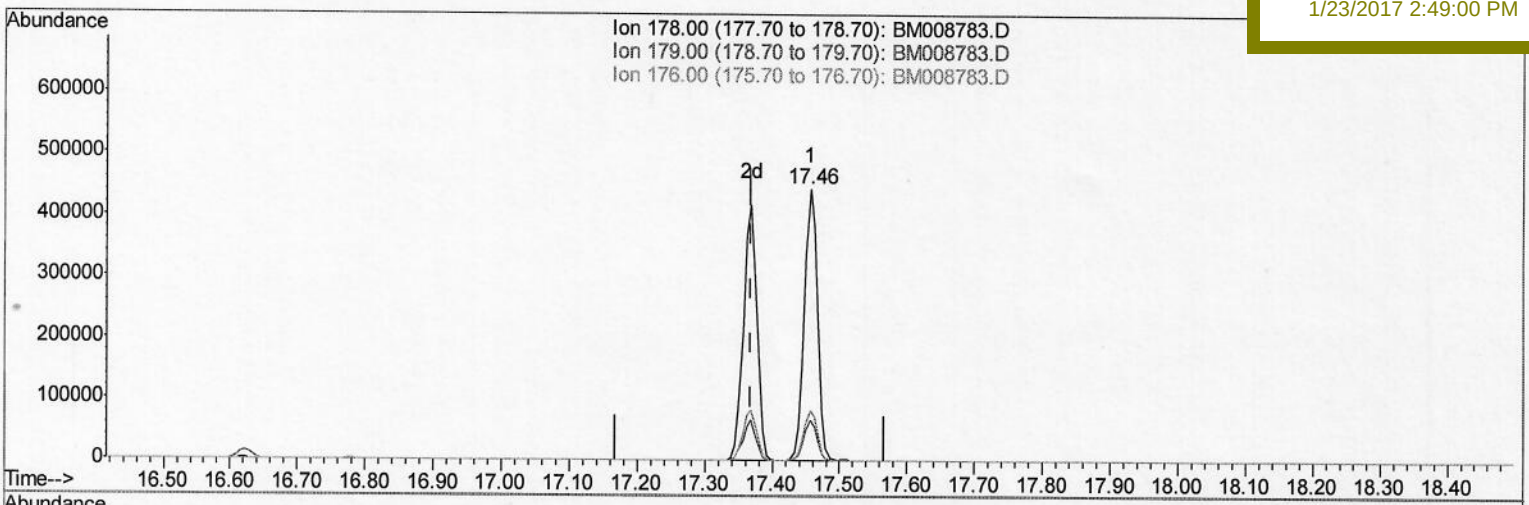

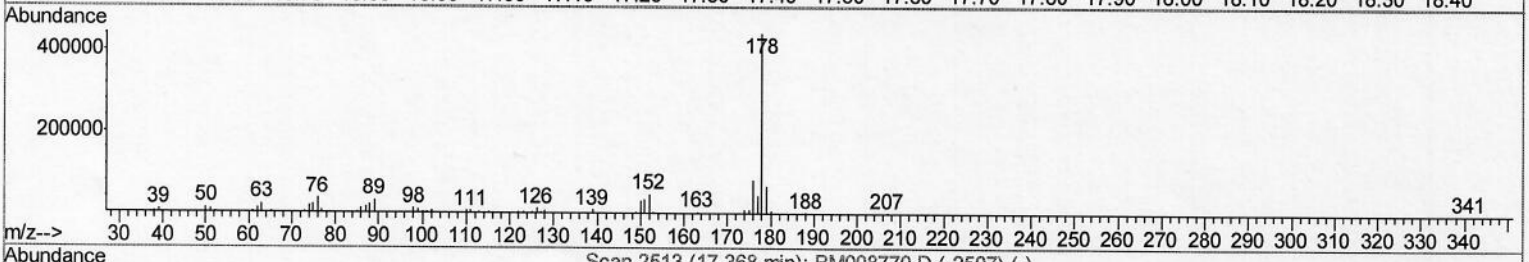

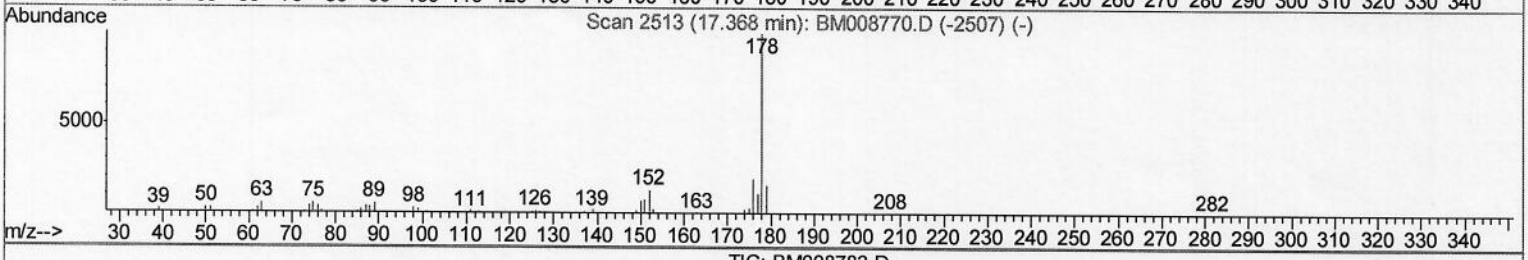

TIC: BM008783.D

(69) Phenanthrene

17.456min (+0.088) 20.77ng/ul

response 605413

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	14.94
176.00	18.40	18.58
0.00	0.00	0.00

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Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 05:00:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
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Instrument :
BNA_M
LabSampleId :
SSTD02066

Manual Integrations APPROVED
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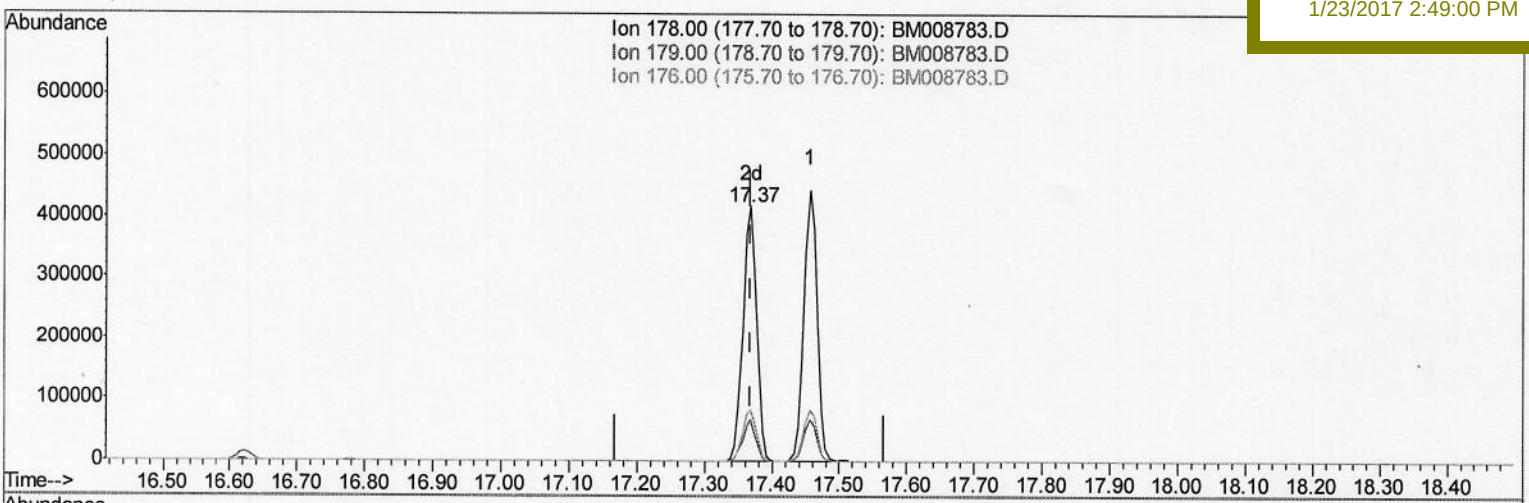

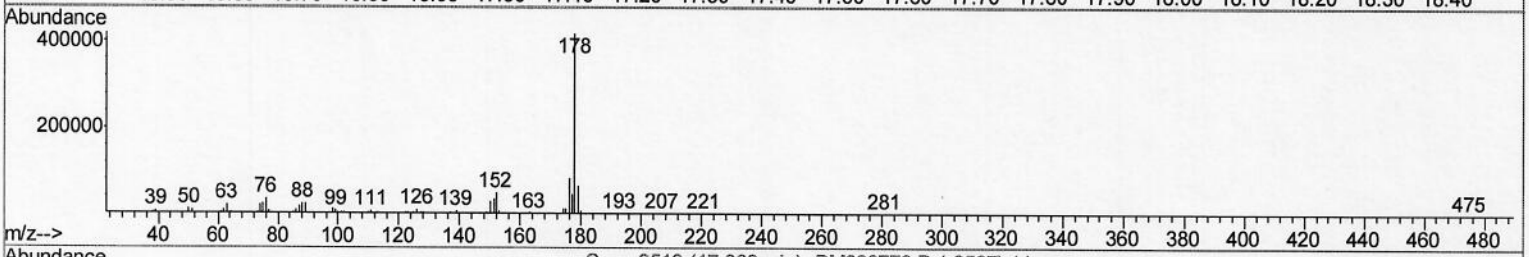

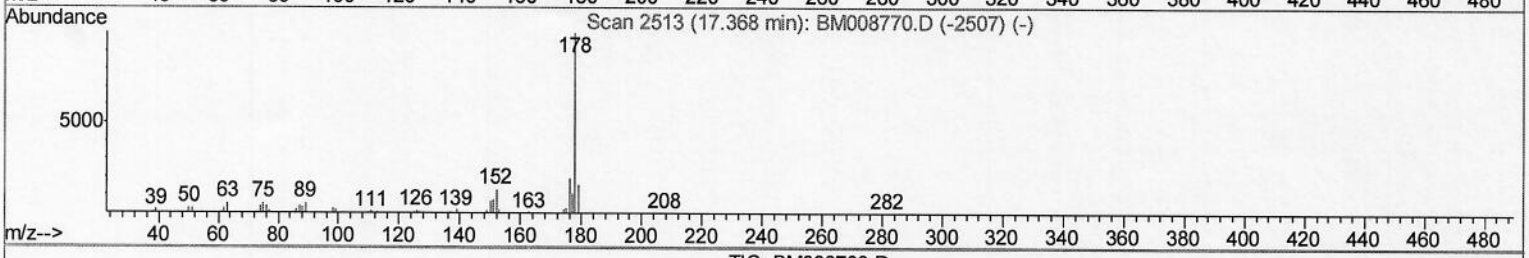

TIC: BM008783.D

(69) Phenanthrene

17.368min (0.000) 19.93ng/ul m

response 580785

S-J 02/06/2017

Ion	Exp%	Act%
178.00	100	100
179.00	15.20	15.86
176.00	18.40	19.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM008783.D
Acq On : 21 Jan 2017 21:55
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 23 05:00:26 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02066

Manual Integrations APPROVED
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S: J. 02/06/2017

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	299641	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	250178	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	605513m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	824646	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	735346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	11627	7.59	ng/uL	0.00
5) Phenol-d5	7.10	99	115654	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	90639	22.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	79183	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	87809	19.48	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	38544	20.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	42985	21.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	94639	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	106085	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	324298	19.65	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	381886	19.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	53351	19.76	ng/ul	0.00
57) Fluorene-d10	15.57	176	309651	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	65296	20.92	ng/ul	0.00
70) Anthracene-d10	17.42	188	517342	19.83	ng/ul	0.00
76) Pyrene-d10	19.71	212	654133	18.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	609062	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	16100	8.85	ng/uL#	64
4) Benzaldehyde	7.10	77	108315	25.58	ng/ul#	72
6) Phenol	7.13	94	125460	20.09	ng/ul#	46
8) Bis(2-Chloroethyl)ether	7.37	93	89425	19.53	ng/ul#	67
10) 2-Chlorophenol	7.51	128	79138	19.09	ng/ul#	68
11) 2-Methylphenol	8.38	108	88099	19.20	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.48	45	173329	24.46	ng/ul#	88
14) Acetophenone	8.77	105	158949	20.07	ng/ul#	63
15) N-Nitroso-di-n-propylamine	8.76	70	104727	23.29	ng/ul#	72
16) 4-Methylphenol	8.71	108	99402	20.06	ng/ul	98
17) Hexachloroethane	9.03	117	45692	20.79	ng/ul	96
20) Nitrobenzene	9.16	77	159221	24.25	ng/ul#	81
21) Isophorone	9.68	82	264978	22.82	ng/ul#	89
23) 2-Nitrophenol	9.87	139	45148	21.00	ng/ul#	28
24) 2,4-Dimethylphenol	9.92	107	133443	21.91	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.16	93	128787	20.97	ng/ul#	96
27) 2,4-Dichlorophenol	10.40	162	93762	20.46	ng/ul	94
28) Naphthalene	10.80	128	272557	19.90	ng/ul	99
30) 4-Chloroaniline	10.92	127	111156	21.16	ng/ul	96
31) Hexachlorobutadiene	11.08	225	90910	22.13	ng/ul	99
32) Caprolactam	11.70	113	28532	20.35	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.02	107	118515	21.53	ng/ul	94
34) 2-Methylnaphthalene	12.41	142	217061	20.45	ng/ul	92

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 23 03:51:57 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02066

Manual Integrations APPROVED
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1/23/2017 2:49:00 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	149800	19.98 ng/ul#	95
37) Hexachlorocyclopentadiene	12.75	237	106648	20.00 ng/ul	96
38) 2,4,6-Trichlorophenol	13.01	196	90711	20.03 ng/ul	91
39) 2,4,5-Trichlorophenol	13.07	196	95866	19.65 ng/ul	98
40) 1,1'-Biphenyl	13.42	154	300529	19.15 ng/ul	94
41) 2-Chloronaphthalene	13.46	162	239215	19.43 ng/ul	98
42) 2-Nitroaniline	13.66	65	112487	26.25 ng/ul#	67
44) Dimethylphthalate	14.03	163	321247	19.47 ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	60871	21.14 ng/ul#	51
47) Acenaphthylene	14.30	152	365054	19.12 ng/ul	99
48) 3-Nitroaniline	14.49	138	61565	21.10 ng/ul#	80
49) Acenaphthene	14.64	153	256130	19.40 ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	39550	19.77 ng/ul#	65
52) 4-Nitrophenol	14.77	109	106722	23.76 ng/ul#	69
53) Dibenzofuran	14.98	168	398486	19.84 ng/ul#	86
54) 2,4-Dinitrotoluene	14.94	165	93234	21.37 ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.20	232	98612	21.38 ng/ul#	92
56) Diethylphthalate	15.39	149	346434	19.96 ng/ul	94
58) Fluorene	15.63	166	342071	20.78 ng/ul	93
59) 4-Chlorophenyl-phenylether	15.62	204	195063	20.89 ng/ul	95
60) 4-Nitroaniline	15.64	138	66870	20.97 ng/ul#	1
63) 4,6-Dinitro-2-methylphenol	15.70	198	68621	20.79 ng/ul#	63
64) N-Nitrosodiphenylamine	15.83	169	296795	19.52 ng/ul	99
65) 4-Bromophenyl-phenylether	16.52	248	125209	19.96 ng/ul	90
66) Hexachlorobenzene	16.62	284	138054	19.67 ng/ul#	87
67) Atrazine	16.78	200	131592	19.49 ng/ul	95
68) Pentachlorophenol	16.97	266	91784	20.78 ng/ul	95
69) Phenanthrene	17.37	178	580785m	19.93 ng/ul	
71) Anthracene	17.46	178	605413	20.21 ng/ul	99
72) Carbazole	17.73	167	521632	19.57 ng/ul	99
73) Di-n-butylphthalate	18.28	149	634680	20.26 ng/ul#	96
74) Fluoranthene	19.37	202	770954	20.57 ng/ul#	95
77) Pyrene	19.74	202	813146	18.33 ng/ul#	93
78) Butylbenzylphthalate	20.62	149	307292	18.83 ng/ul#	77
79) 3,3'-Dichlorobenzidine	21.40	252	308415	19.62 ng/ul	98
80) Benzo(a)anthracene	21.47	228	858326	19.63 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.39	149	435270	19.06 ng/ul	98
82) Chrysene	21.53	228	795942	19.61 ng/ul	99
84) Di-n-octyl phthalate	22.30	149	728022	19.01 ng/ul#	87
85) Benzo(b)fluoranthene	23.13	252	828909	21.14 ng/ul#	96
86) Benzo(k)fluoranthene	23.18	252	750065	19.79 ng/ul#	98
88) Benzo(a)pyrene	23.74	252	757739	20.26 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.27	276	800300	18.87 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.28	278	680371	18.78 ng/ul#	95
91) Benzo(g,h,i)perylene	27.01	276	662766	18.43 ng/ul#	92

S = I.
02/06/2017

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

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1/23/2017 2:49:00 PM