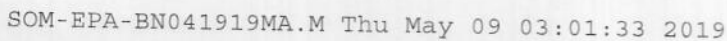


Quant Time: May 09 03:02:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Manual Integrations APPROVED

Sohil
5/9/2019 2:35:25 PM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 02:33:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

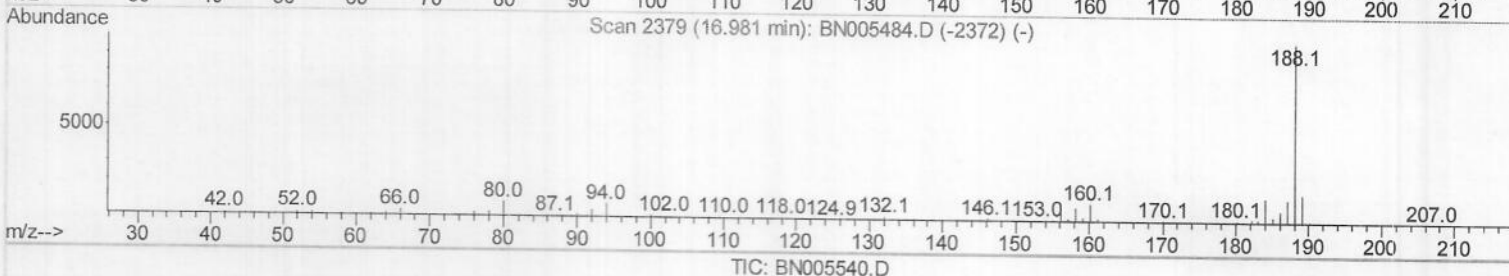
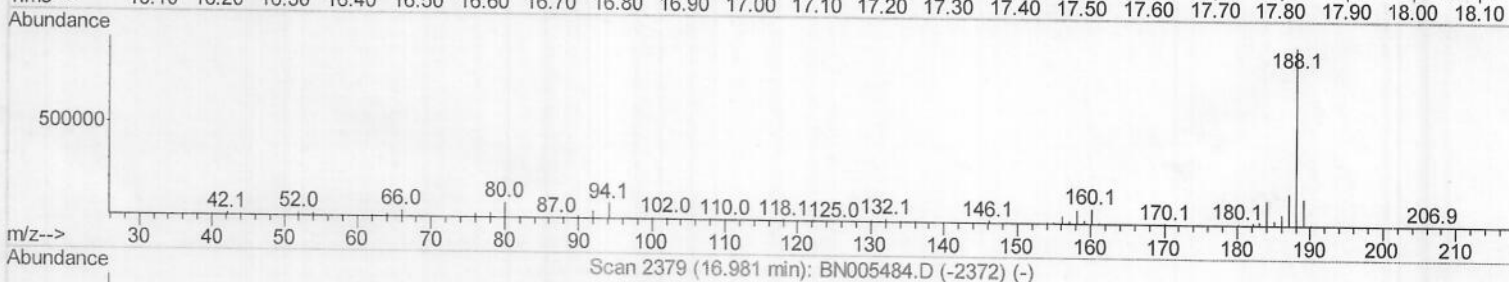
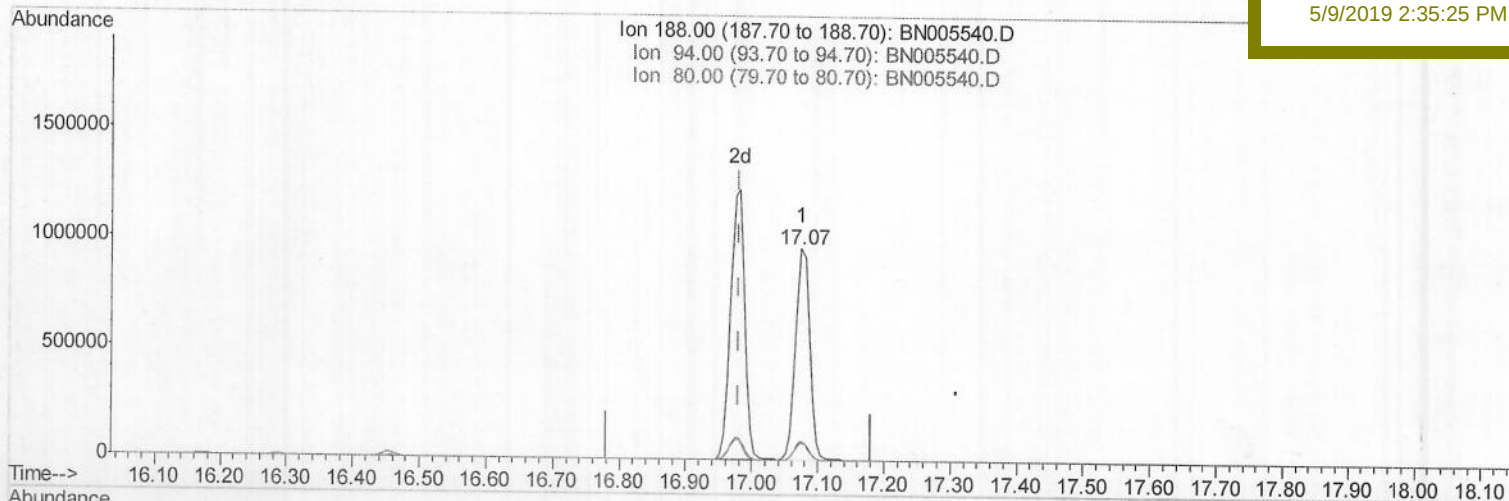
SSTD02001

Manual Integrations

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Sohil

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(61) Phenanthrene-d10 (I)

17.075min (+0.094) 20.00ng/ul

response 1423949

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	8.87
80.00	10.30	8.35
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 02:33:40 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

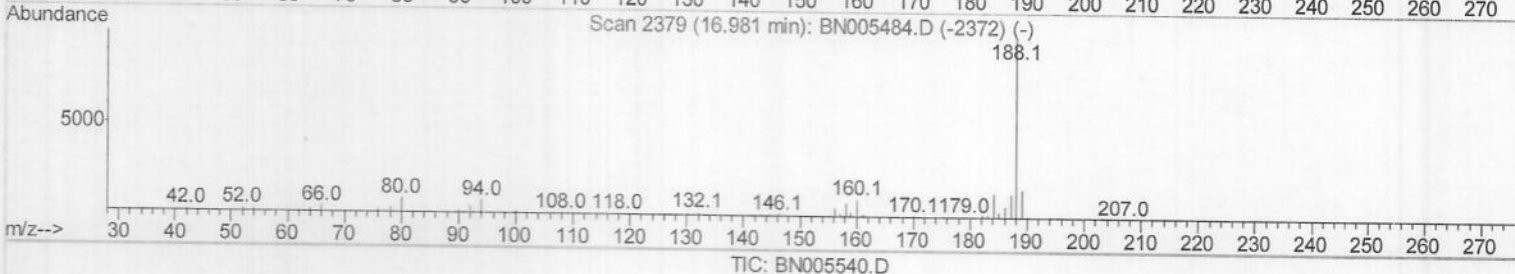
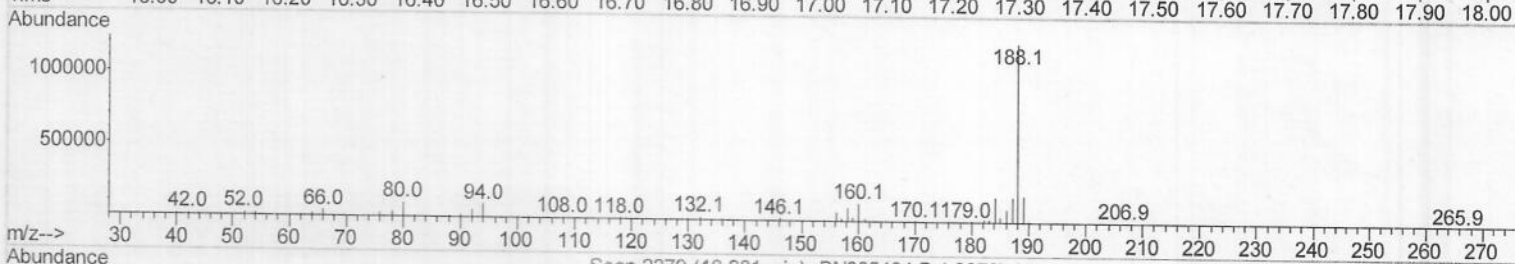
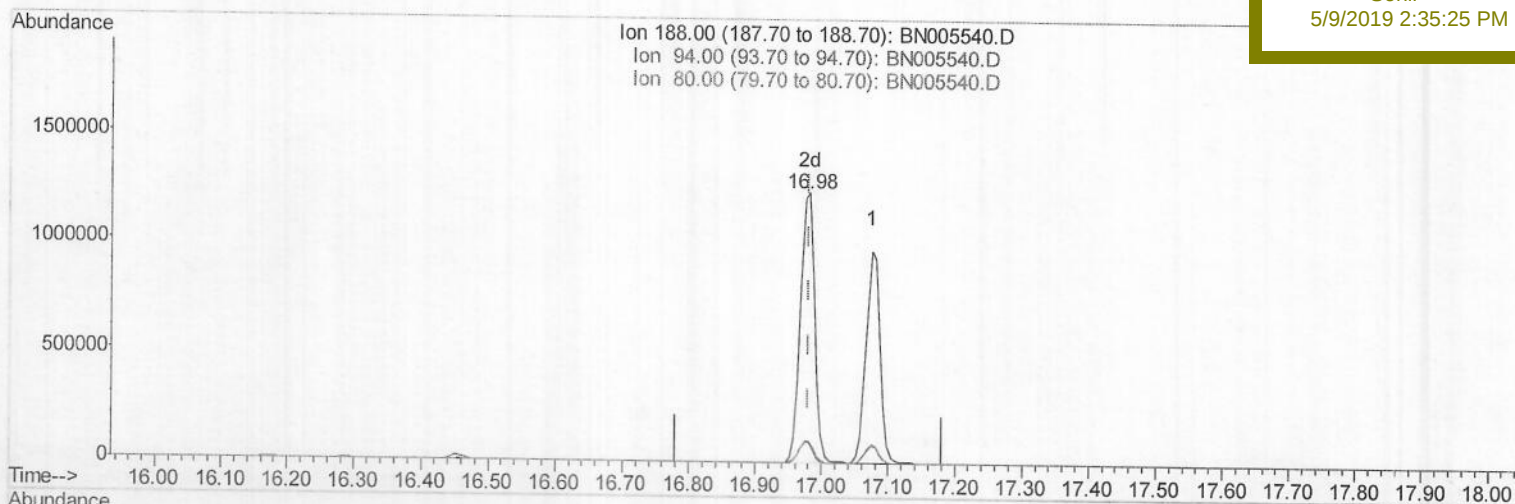
SSTD02001

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:25 PM



(61) Phenanthrene-d10 (I)

16.981min (-0.000) 20.00ng/ul m

> 5005/10/19

response 1813905

Ion	Exp%	Act%
188.00	100	100
94.00	9.20	7.34#
80.00	10.30	7.82#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:00:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

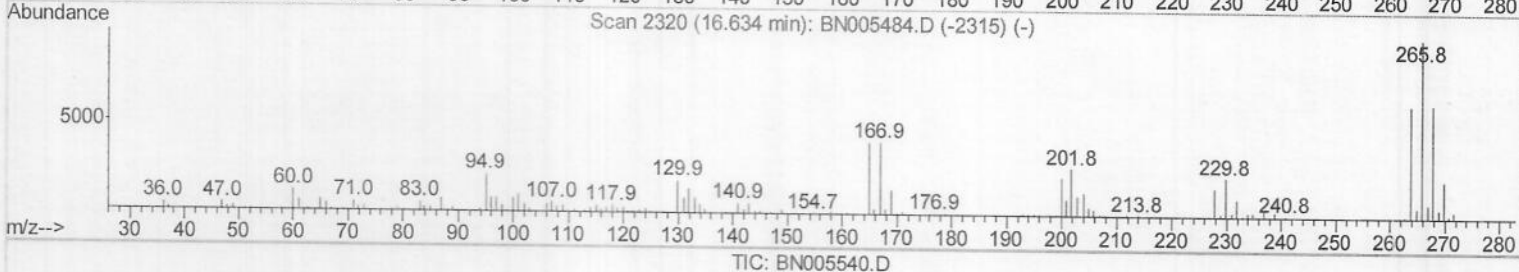
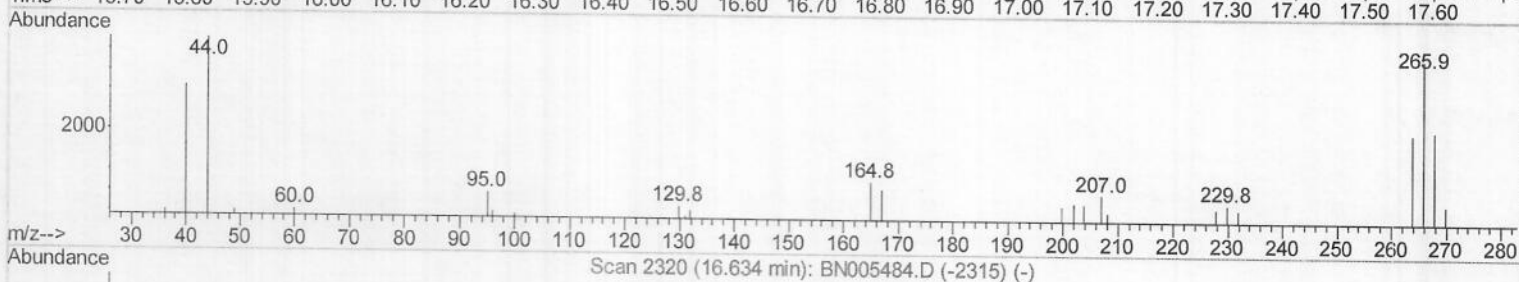
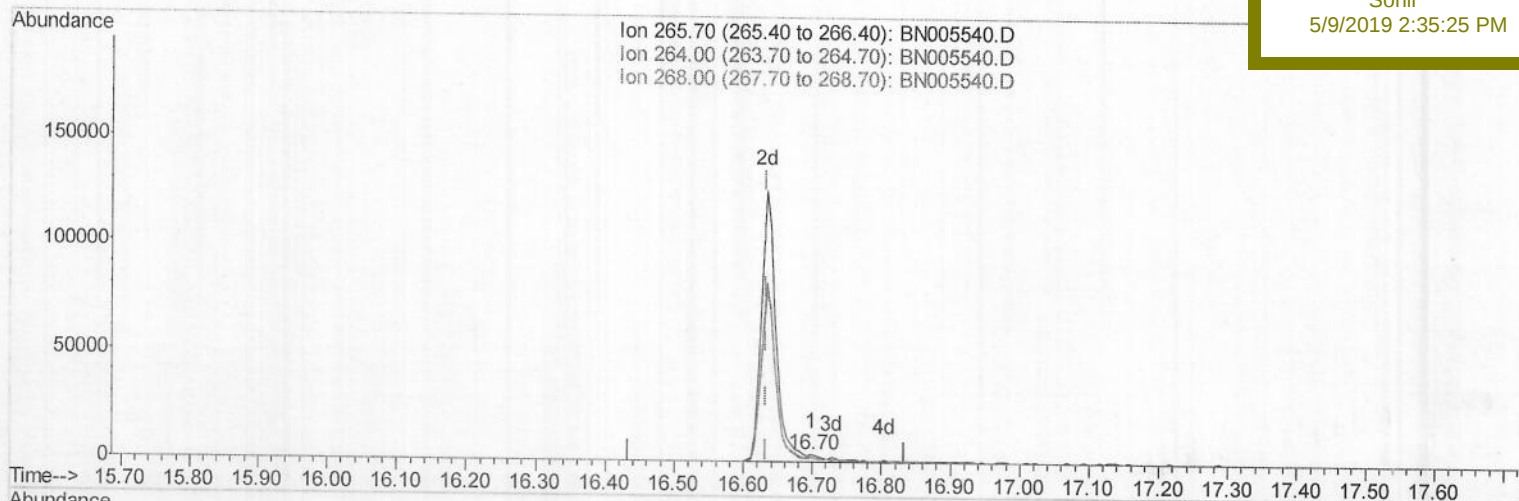
LabSampleId :

SSTD02001

Manual Integrations
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Sohil

5/9/2019 2:35:25 PM



(68) Pentachlorophenol (C)

16.698min (+0.065) 0.23ng/ul

response 2580

Ion	Exp%	Act%
265.70	100	100
264.00	62.10	58.66
268.00	65.50	59.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:00:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

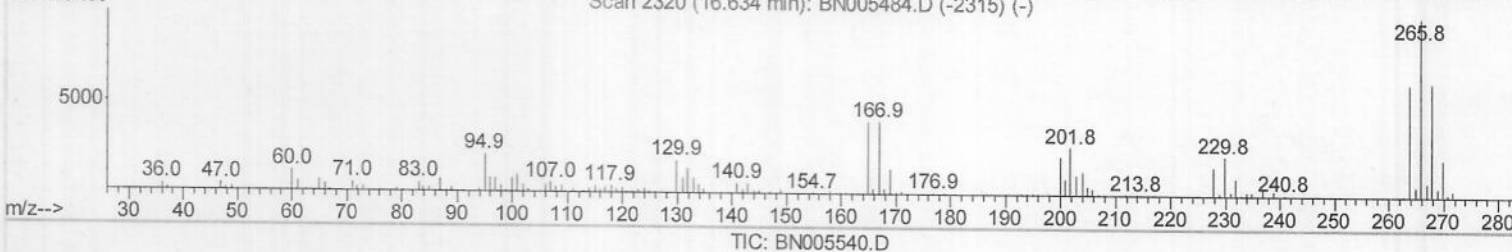
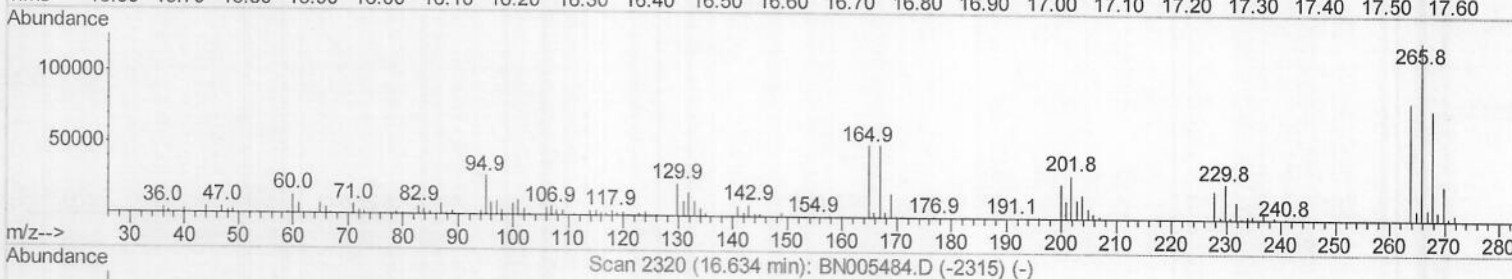
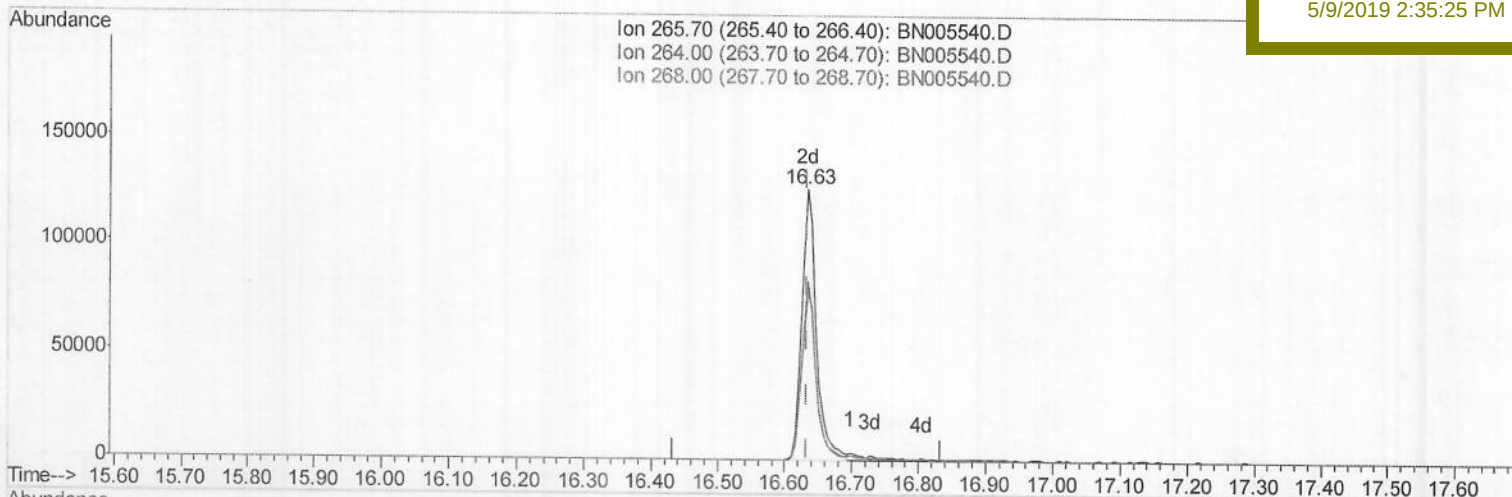
SSTD02001

Manual Integrations

APPROVED

Sohil

5/9/2019 2:35:25 PM



(68) Pentachlorophenol (C)

16.633min (-0.000) 16.64ng/ul m) JU05/10/19

response 189539

Ion	Exp%	Act%
265.70	100	100
264.00	62.10	65.66
268.00	65.50	61.46
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:00:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

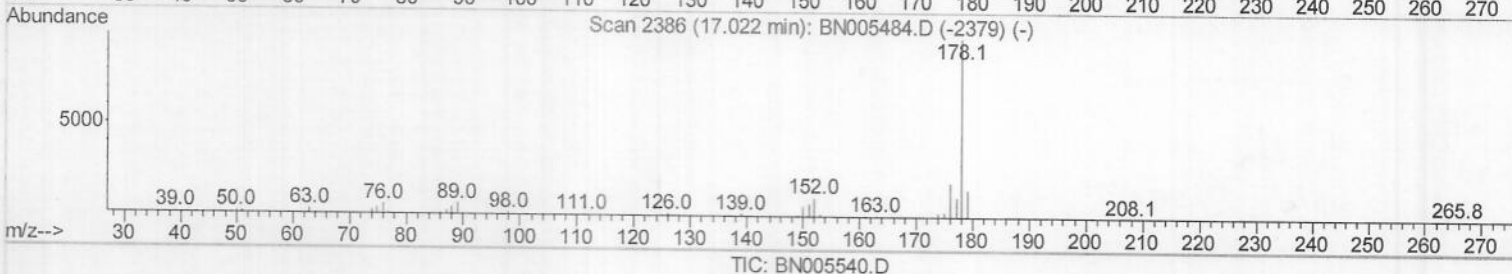
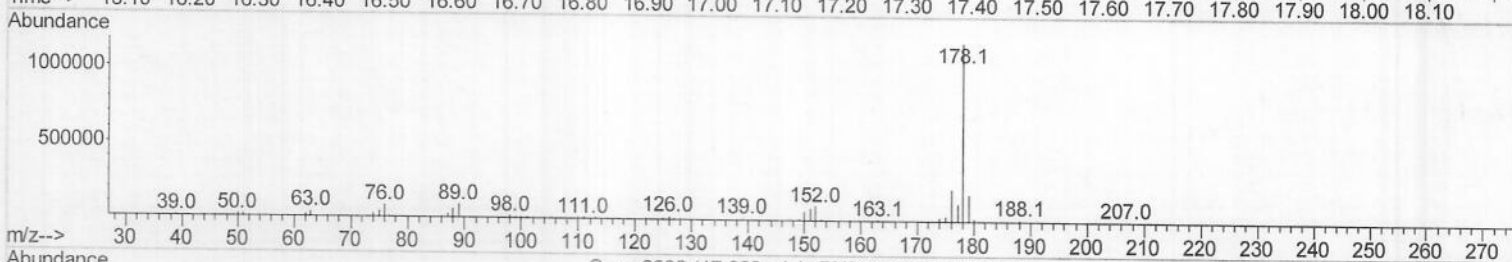
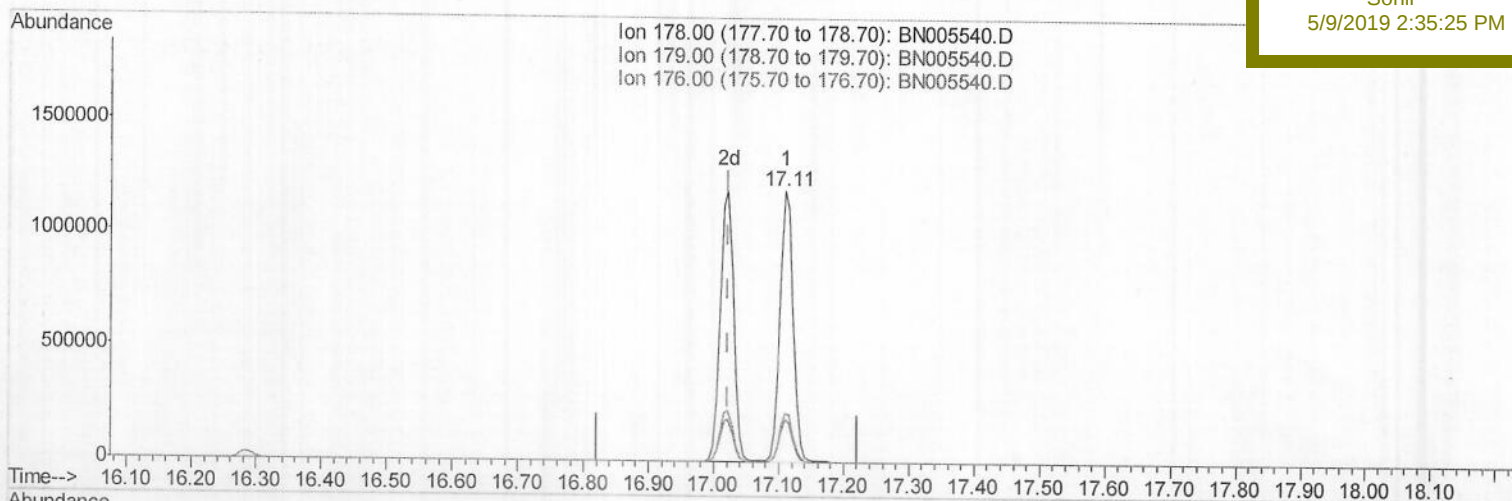
LabSampleId :

SSTD02001

Manual Integrations
APPROVED

Sohil

5/9/2019 2:35:25 PM



(69) Phenanthrene

17.110min (+0.088) 19.09ng/ul

response 1686846

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.36
176.00	18.90	17.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:00:51 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

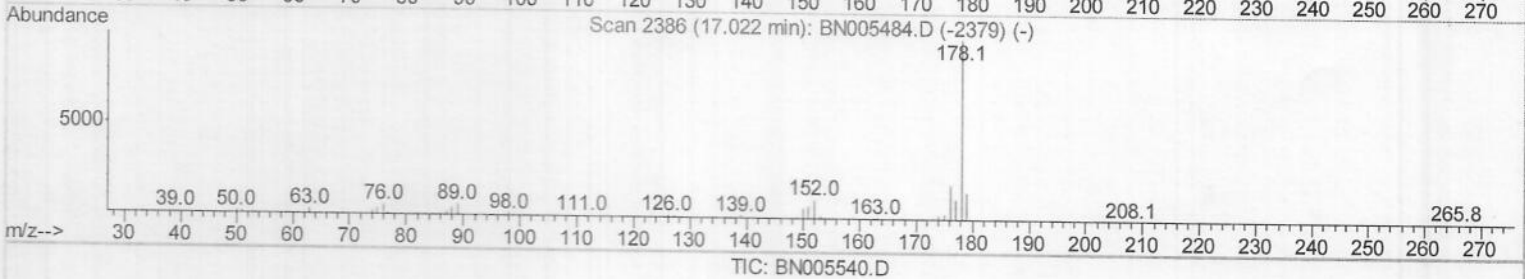
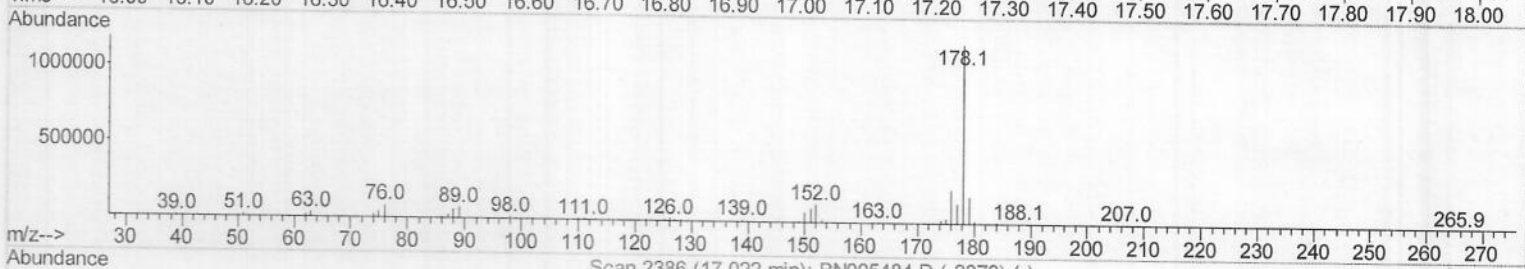
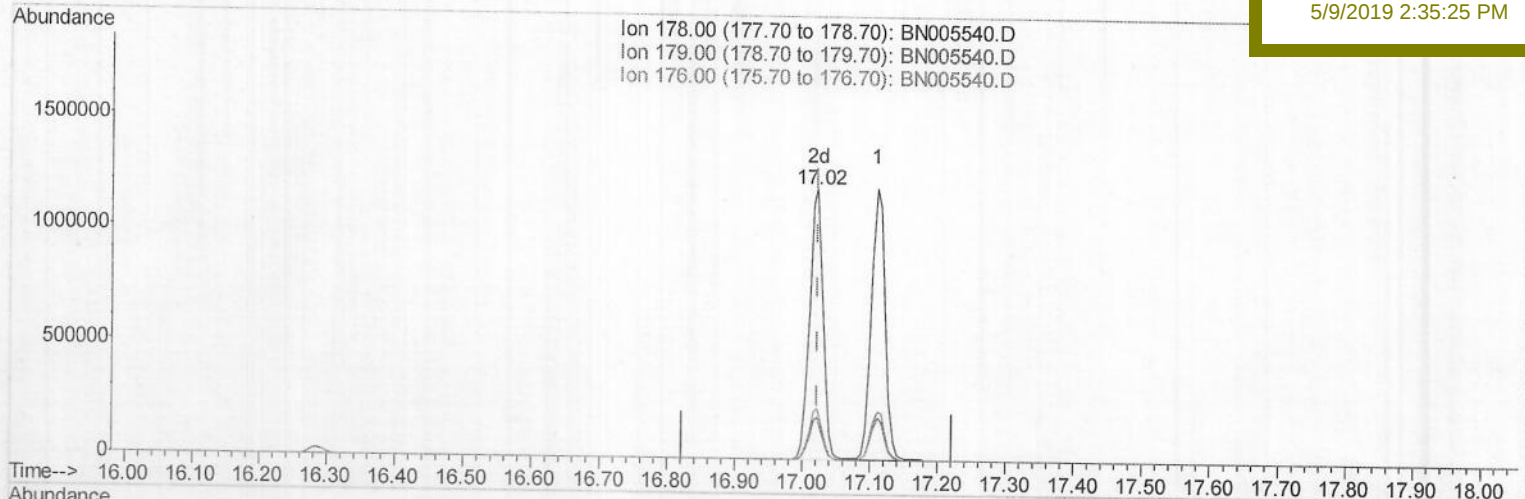
SSTD02001

Manual Integrations

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Sohil

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(69) Phenanthrene

17.022min (-0.000) 18.63ng/ul m

25005110119

response 1645770

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	15.28
176.00	18.90	18.81
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

SSTD02001

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	243314	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1080732	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	738308	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1813905m	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1682399	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1428659	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	32304	6.41	ng/uL	0.00
5) Phenol-d5	6.77	99	342405	17.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	195204	16.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	282502	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	284488	19.04	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	148888	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	162767	24.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	321455	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	360652	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1003857	18.73	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1273603	19.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	158459	18.72	ng/ul	0.00
57) Fluorene-d10	15.22	176	881110	19.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	154700	18.96	ng/ul	0.00
70) Anthracene-d10	17.07	188	1427348	18.77	ng/ul	0.00
78) Pyrene-d10	19.39	212	1617422	18.79	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	1176574	18.84	ng/ul	0.00

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.24	88	34799	6.420	ng/uL	98
4) Benzaldehyde	6.75	77	239750	17.704	ng/ul	97
6) Phenol	6.80	94	352209	17.918	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.03	93	277789	17.650	ng/ul	91
10) 2-Chlorophenol	7.16	128	289455	19.145	ng/ul	94
11) 2-Methylphenol	8.03	108	277243	18.823	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	392016	14.834	ng/ul	95
14) Acetophenone	8.40	105	470336	19.673	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	229288	17.929	ng/ul	89
16) 4-Methylphenol	8.35	108	306498	19.268	ng/ul	97
17) Hexachloroethane	8.65	117	122519	18.661	ng/ul	87
20) Nitrobenzene	8.78	77	344852	18.838	ng/ul	93
21) Isophorone	9.29	82	660239	18.216	ng/ul	96
23) 2-Nitrophenol	9.48	139	175859	23.014	ng/ul	97
24) 2,4-Dimethylphenol	9.54	107	345345	18.049	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	398467	17.494	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	314598	20.622	ng/ul	96
28) Naphthalene	10.40	128	991096	19.727	ng/ul	99
30) 4-Chloroaniline	10.51	127	375479	23.125	ng/ul	97
31) Hexachlorobutadiene	10.68	225	221026	20.517	ng/ul	98
32) Caprolactam	11.26	113	103987	22.529	ng/ul	84
33) 4-Chloro-3-methylphenol	11.65	107	333662	19.424	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	743910	20.222	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\

Data File : BN005540.D

Acq On : 08 May 2019 19:24

Operator : JU/SJ

Sample : SSTDCCC020

Misc :

ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 09 03:02:03 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue May 07 05:36:07 2019

Response via : Initial Calibration

Instrument :

BNA_N

LabSampleId :

SSTD02001

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	438803	19.205	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	238185	15.290	ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	267121	19.388	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	294225	19.873	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1006521	18.297	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	790078	18.674	ng/ul	97
42) 2-Nitroaniline	13.30	65	223365	19.905	ng/ul	94
44) Dimethylphthalate	13.69	163	997901	18.686	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	208723	22.636	ng/ul	86
47) Acenaphthylene	13.94	152	1232188	19.047	ng/ul	99
48) 3-Nitroaniline	14.14	138	193221	22.540	ng/ul	90
49) Acenaphthene	14.29	153	838880	18.995	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	75853	16.887	ng/ul	88
52) 4-Nitrophenol	14.46	109	132063	17.193	ng/ul	90
53) Dibenzofuran	14.63	168	1245575	19.589	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	308033	23.172	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.86	232	264415	21.468	ng/ul	94
56) Diethylphthalate	15.06	149	1008757	18.838	ng/ul	99
58) Fluorene	15.27	166	989695	19.947	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.27	204	529050	20.101	ng/ul	98
60) 4-Nitroaniline	15.30	138	235928	22.076	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.37	198	161356	18.583	ng/ul	95
64) N-Nitrosodiphenylamine	15.49	169	874375	17.612	ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	345281	18.895	ng/ul	93
66) Hexachlorobenzene	16.29	284	380465	19.553	ng/ul	93
67) Atrazine	16.46	200	340673	18.432	ng/ul	97
68) Pentachlorophenol	16.63	266	189539m)	16.636	ng/ul	
69) Phenanthrene	17.02	178	1645770m)	18.630	ng/ul	
71) Anthracene	17.11	178	1685774	18.733	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	454043	17.137	ng/uL	98
73) Pentachlorobenzene	14.55	250	434283	18.212	ng/uL	98
74) Carbazole	17.39	167	1467470	18.983	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1779178	18.343	ng/ul	99
76) Fluoranthene	19.05	202	1967171	20.076	ng/ul	97
79) Pyrene	19.42	202	2022324	18.669	ng/ul#	94
80) Butylbenzylphthalate	20.35	149	812068	18.935	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	588792	17.517	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	1888985	18.048	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	1220964	18.488	ng/ul#	98
84) Chrysene	21.25	228	1786218	18.389	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	2067698	23.631	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1520352	18.931	ng/ul#	98
88) Benzo(k)fluoranthene	22.80	252	1572507	20.502	ng/ul	98
90) Benzo(a)pyrene	23.32	252	1414599	18.740	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.60	276	1417302	16.982	ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	1201167	16.959	ng/ul#	95
93) Benzo(g,h,i)perylene	26.27	276	1141668	16.544	ng/ul	95

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