Quantitation Report (Qedit)

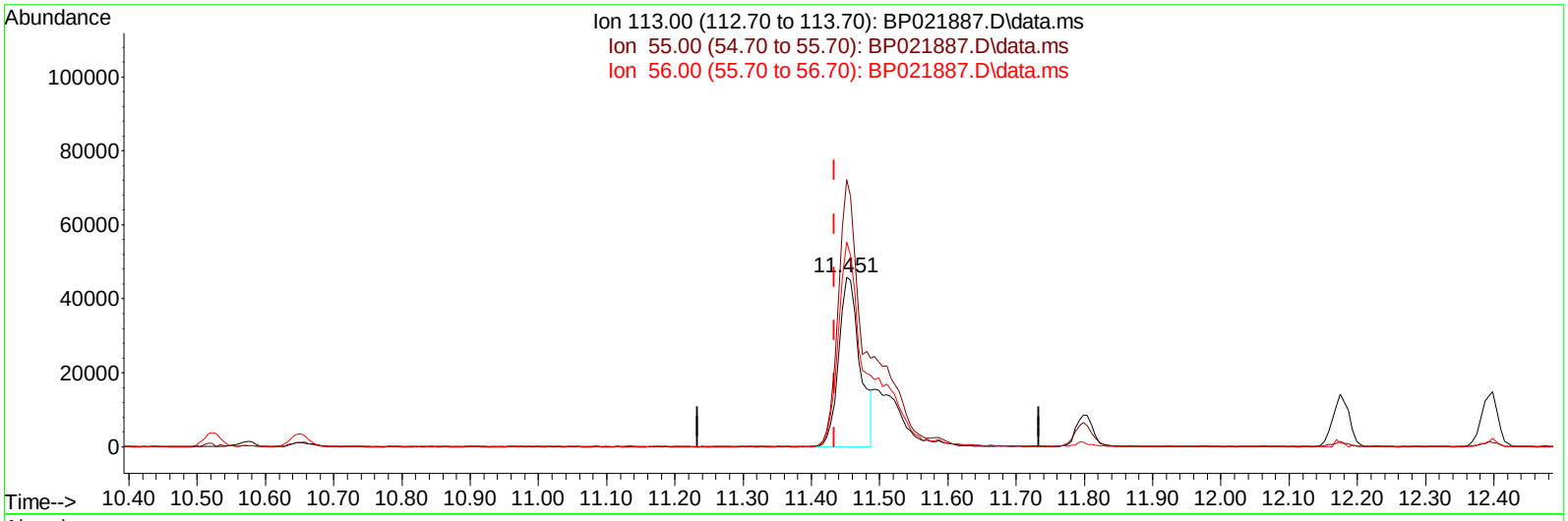
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

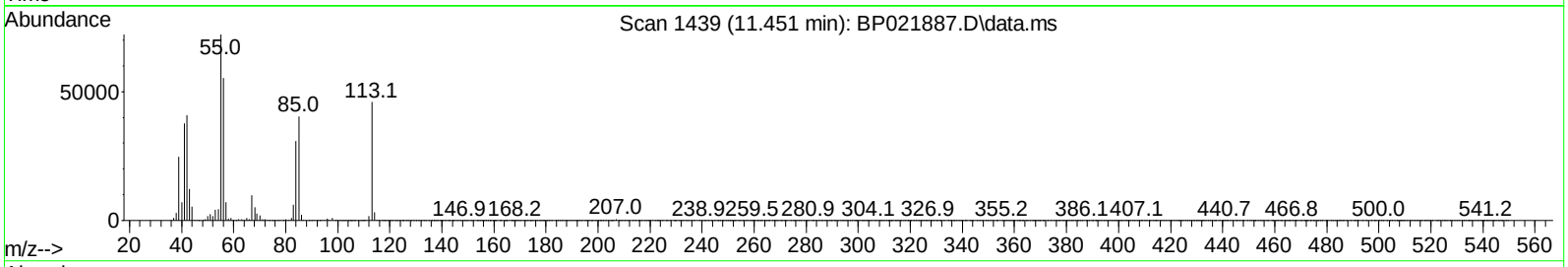
Quant Time: Sep 11 17:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

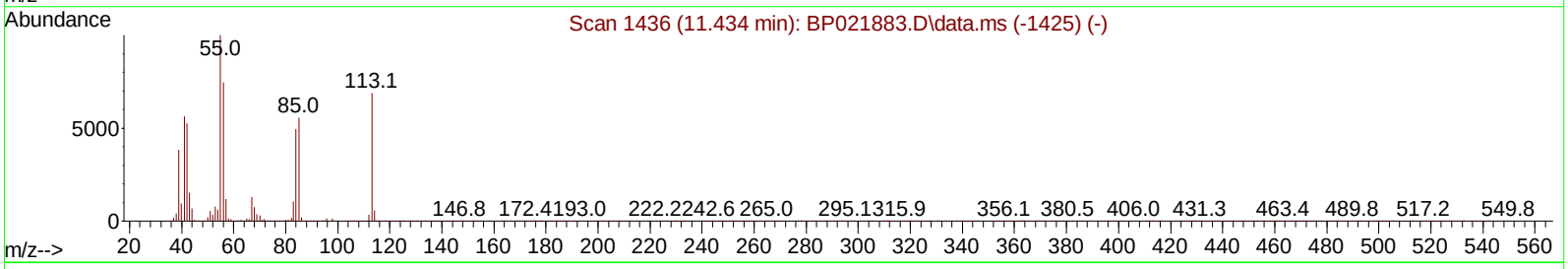
Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BP021887.D\data.ms

(34) Caprolactam

11.451min (+ 0.018) 24.10 ng/ul

response 99263

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	157.12
56.00	108.00	120.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
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Acq On : 11 Sep 2024 16:58
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SSTD040612

Manual IntegrationsAPPROVED

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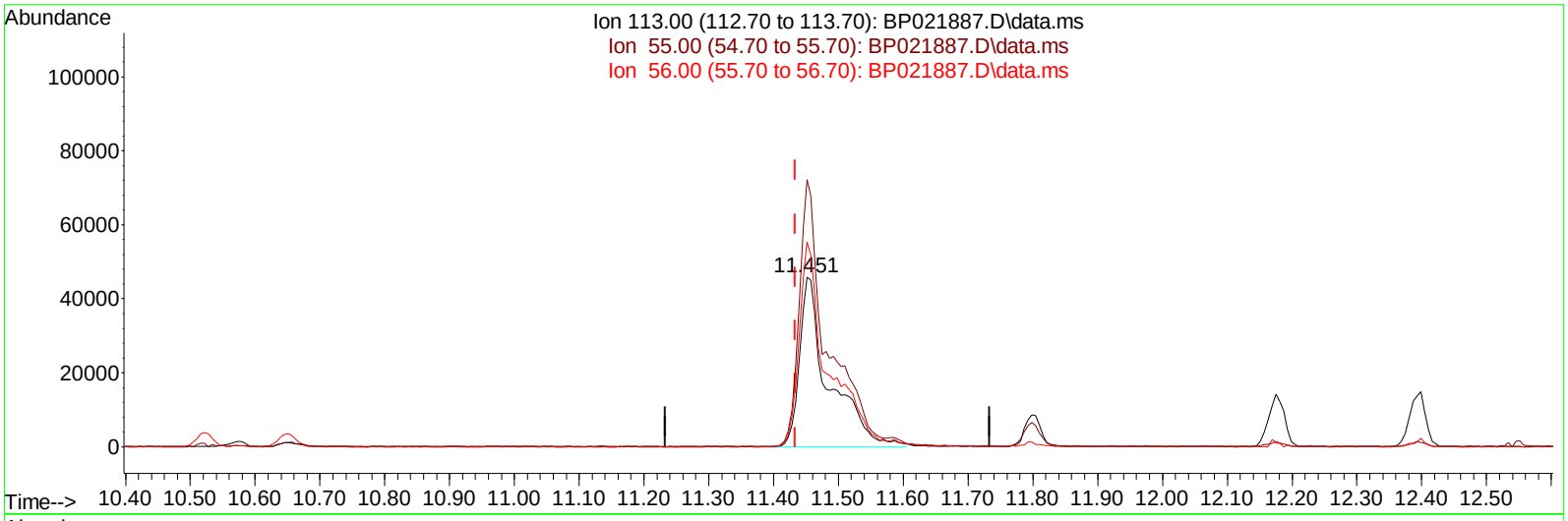

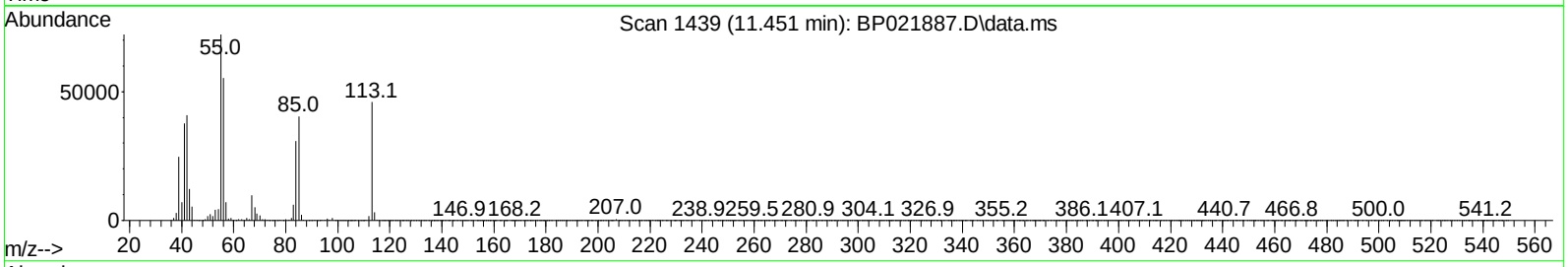

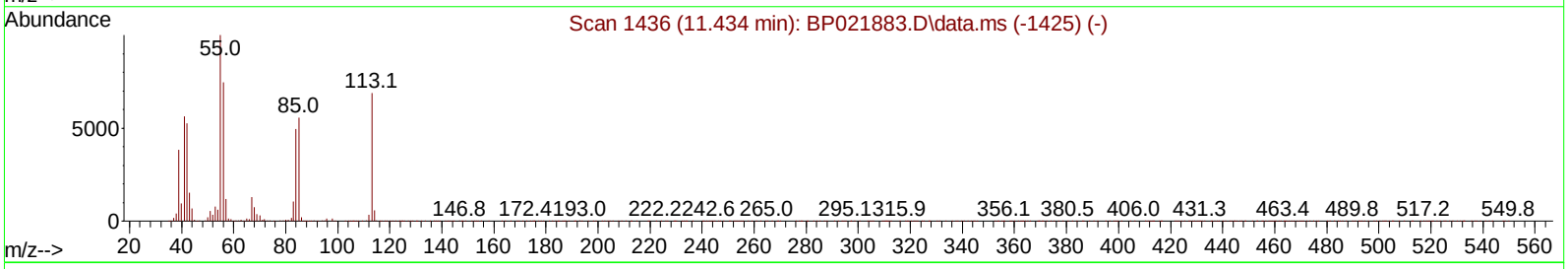

TIC: BP021887.D\data.ms

(34) Caprolactam

11.451min (+ 0.018) 35.03 ng/ul m

response 144273

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.10	157.12
56.00	108.00	120.60
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
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ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

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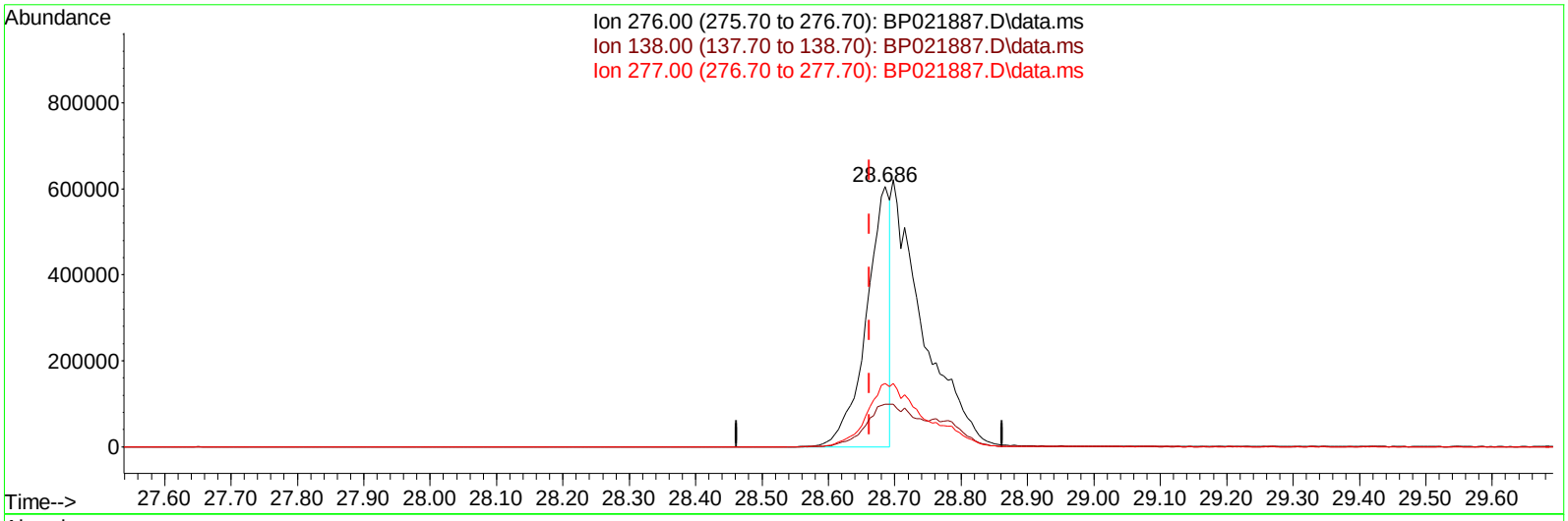

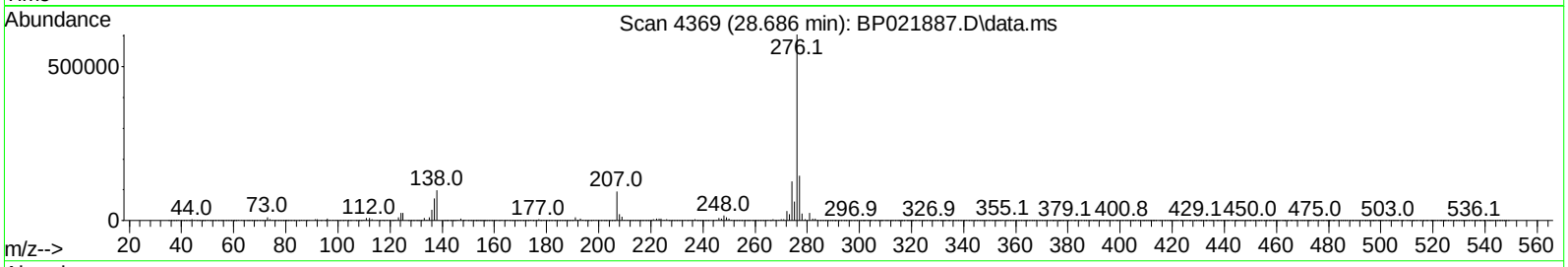

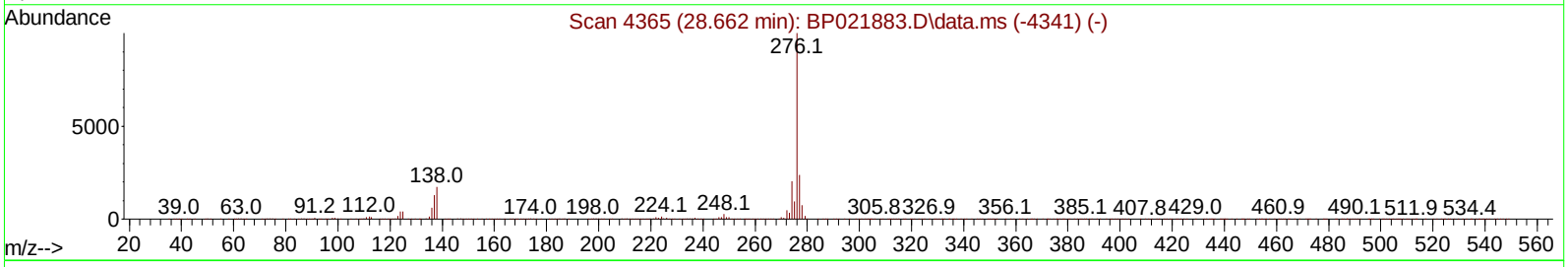

TIC: BP021887.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.686min (+ 0.024) 16.54 ng/ul

response 1484068

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	16.32
277.00	23.70	24.22
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 11 17:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

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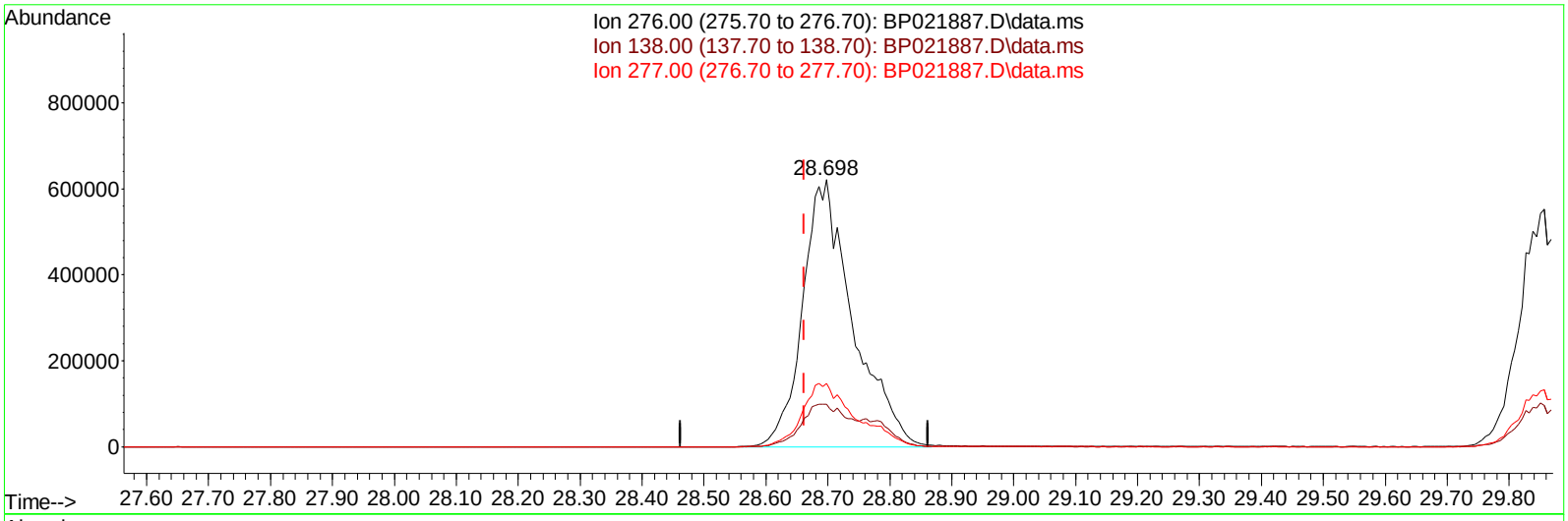

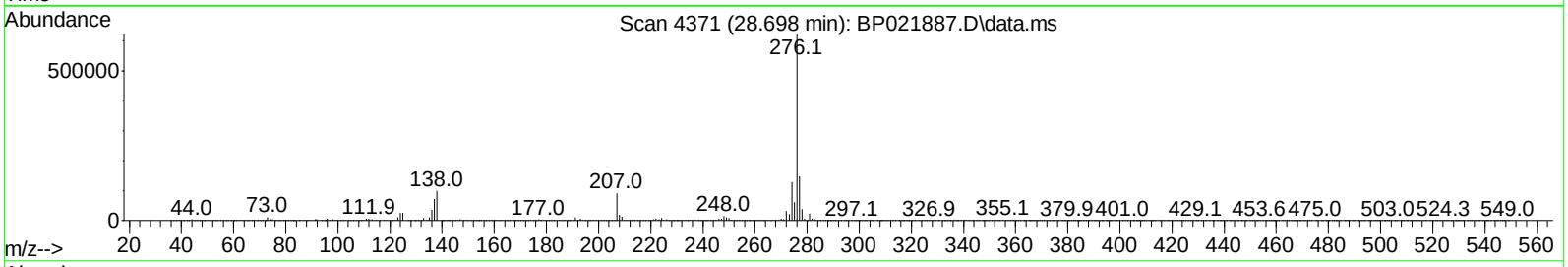

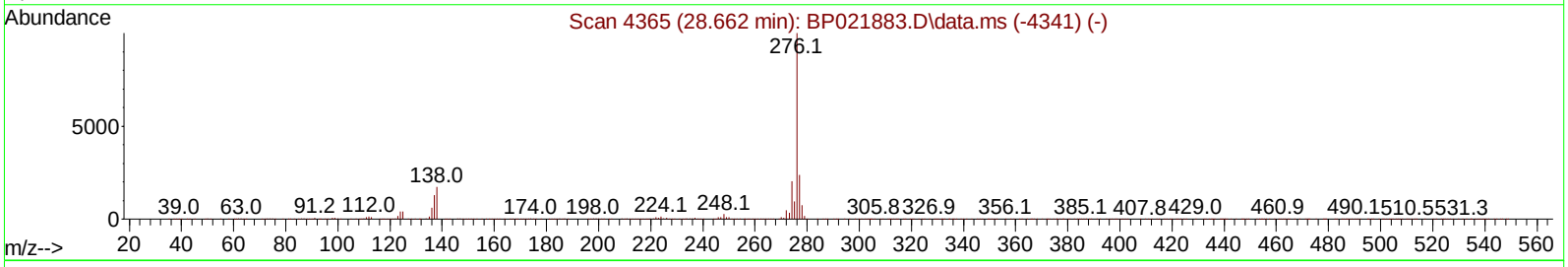

TIC: BP021887.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.698min (+ 0.035) 38.99 ng/ul m

response 3497611

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.40	15.85
277.00	23.70	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 11 17:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
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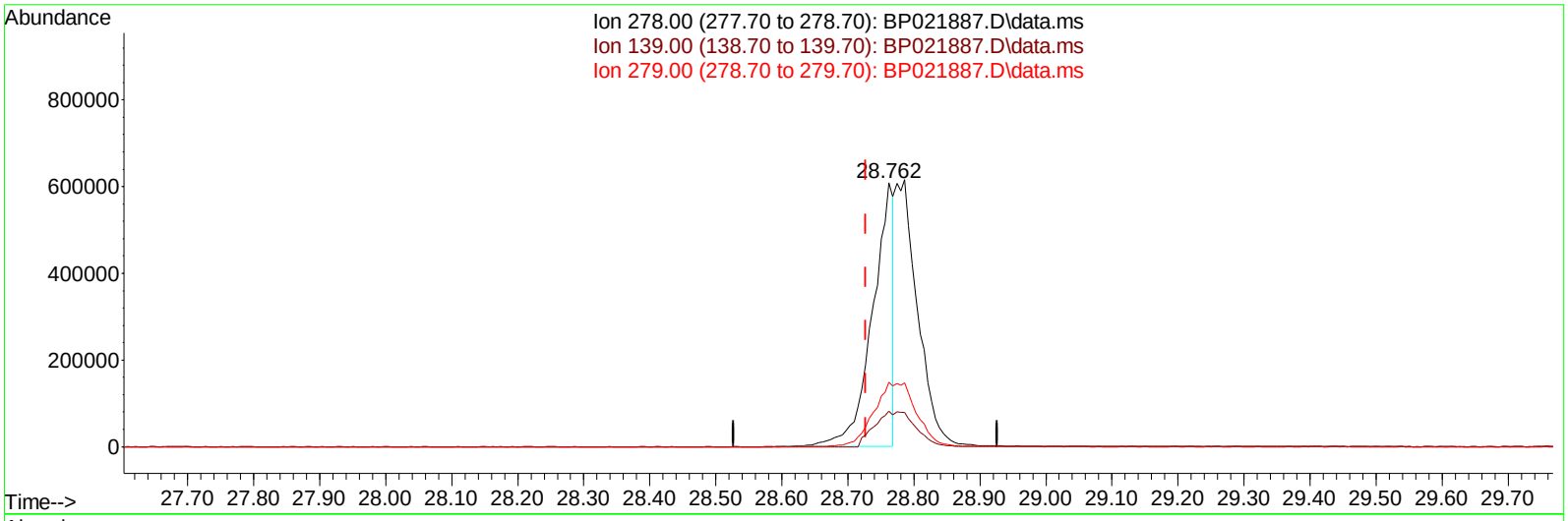
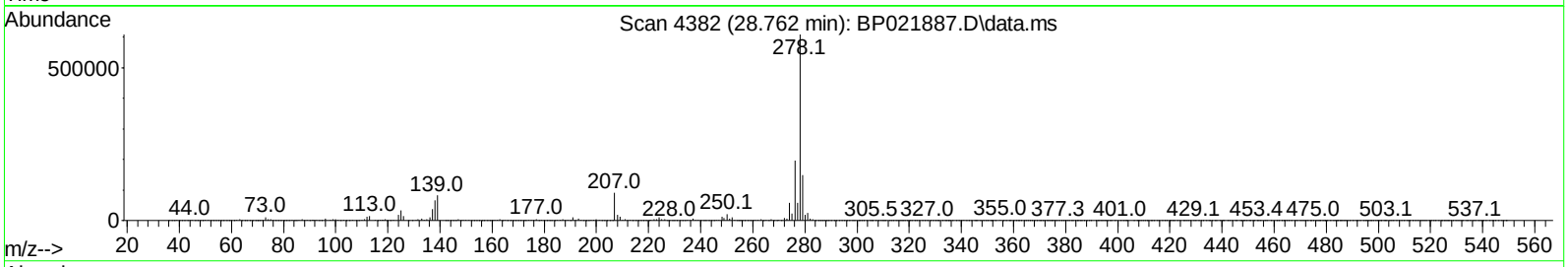
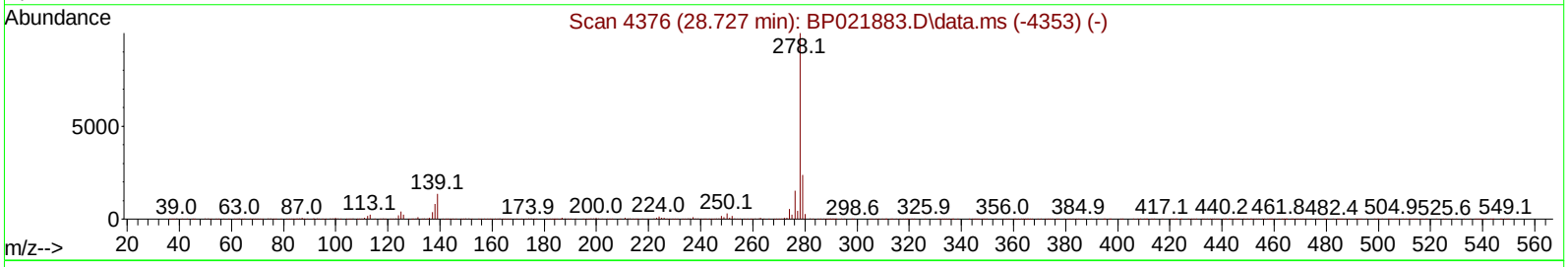
Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BP021887.D\data.ms

(95) Dibenzo(a,h)anthracene

28.762min (+ 0.035) 18.83 ng/ul

response 1360785

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	13.51
279.00	23.70	24.57
0.00	0.00	0.00

Quantitation Report (Qedit)

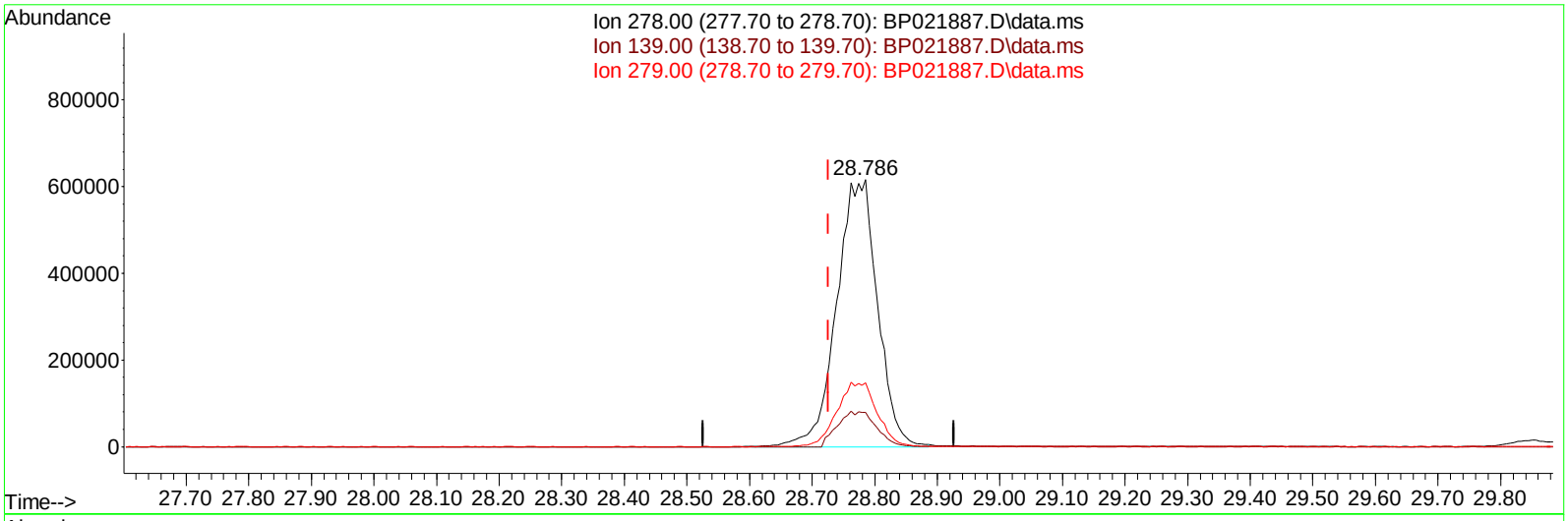
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

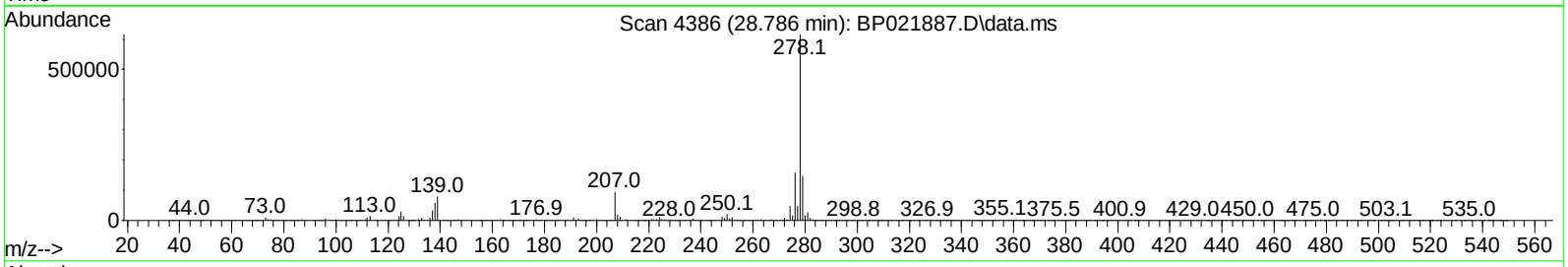
Quant Time: Sep 11 17:24:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

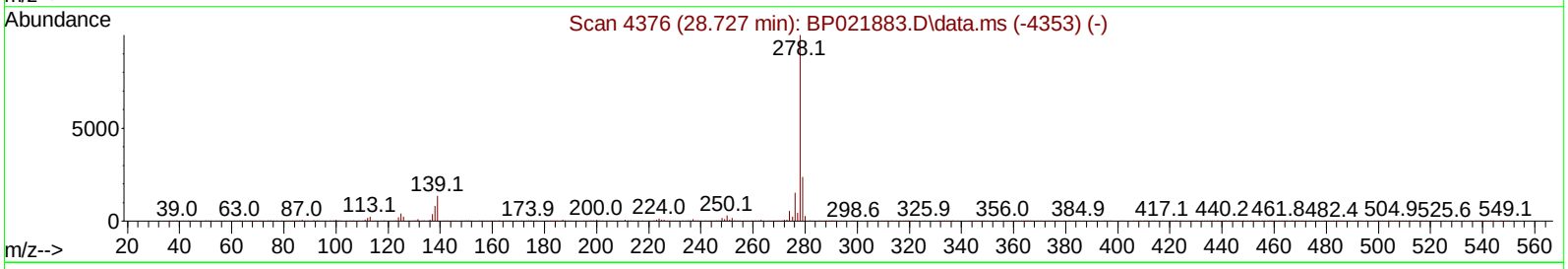
Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BP021887.D\data.ms

(95) Dibenzo(a,h)anthracene

28.786min (+ 0.059) 38.56 ng/ul m

response 2786648

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	12.80
279.00	23.70	24.01
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 11 17:26:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	111680	20.000	ng/ul	0.01
20) Naphthalene-d8	10.522	136	624684	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.357	164	461674	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.145	188	1077660	20.000	ng/ul	0.01
79) Chrysene-d12	21.592	240	1066641	20.000	ng/ul	0.02
88) Perylene-d12	24.921	264	1206439	20.000	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	53841	15.346	ng/uL	0.00
4) Pyridine-d5	3.681	84	412060	41.175	ng/ul	0.00
7) Phenol-d5	6.934	99	364215	32.276	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.093	67	209489	33.844	ng/ul	0.00
11) 2-Chlorophenol-d4	7.299	132	296251	39.173	ng/ul	0.01
15) 4-Methylphenol-d8	8.457	113	302865	34.190	ng/ul	0.02
21) Nitrobenzene-d5	8.899	128	148786	30.120	ng/ul	0.02
24) 2-Nitrophenol-d4	9.610	143	169115	33.304	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.151	165	355269	34.938	ng/ul	0.02
31) 4-Chloroaniline-d4	10.651	131	579872	39.944	ng/ul	0.01
46) Dimethylphthalate-d6	13.763	166	1410718	40.044	ng/ul	0.01
49) Acenaphthylene-d8	14.051	160	1584192	40.466	ng/ul	0.02
54) 4-Nitrophenol-d4	14.563	143	272266	40.706	ng/ul	0.01
60) Fluorene-d10	15.363	176	1227320	38.183	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.481	200	258368	43.727	ng/ul	0.00
73) Anthracene-d10	17.245	188	1990327	39.338	ng/ul	0.00
81) Pyrene-d10	19.616	212	2496360	41.356	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.686	264	2642830	41.445	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	59003	15.933	ng/uL	97
5) Pyridine	3.705	79	422672	41.899	ng/ul	98
6) Benzaldehyde	6.910	77	217413	37.671	ng/ul	93
8) Phenol	6.963	94	379884	32.293	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.187	93	279611	30.830	ng/ul	92
12) 2-Chlorophenol	7.328	128	301437	38.171	ng/ul	99
13) 2-Methylphenol	8.193	108	283864	33.311	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.269	45	327778	36.501	ng/ul	99
16) Acetophenone	8.563	105	489202	34.570	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.557	70	247280	36.800	ng/ul	99
18) 4-Methylphenol	8.516	108	319250	34.115	ng/ul	95
19) Hexachloroethane	8.828	117	128609	36.388	ng/ul	97
22) Nitrobenzene	8.940	77	380846	28.039	ng/ul	99
23) Isophorone	9.463	82	689652	25.781	ng/ul	98
25) 2-Nitrophenol	9.646	139	185720	33.150	ng/ul	97
26) 2,4-Dimethylphenol	9.704	107	360694	26.938	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.940	93	406737	24.407	ng/ul	99
29) 2,4-Dichlorophenol	10.175	162	355668	34.835	ng/ul	97
30) Naphthalene	10.575	128	1332800	38.481	ng/ul	99
32) 4-Chloroaniline	10.675	127	571728	39.431	ng/ul	98
33) Hexachlorobutadiene	10.857	225	317086	44.995	ng/ul	99
34) Caprolactam	11.451	113	144273m	35.032	ng/ul	
35) 4-Chloro-3-methylphenol	11.798	107	470840	36.235	ng/ul	99

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ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	966906	40.694	ng/ul	100
37) 1-Methylnaphthalene	12.393	142	983977	40.926	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	618174	42.655	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	346451	41.594	ng/ul	98
41) 2,4,6-Trichlorophenol	12.787	196	398518	42.983	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	445592	44.377	ng/ul	100
43) 1,1'-Biphenyl	13.187	154	1318152	38.626	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	1065584	39.646	ng/ul	98
45) 2-Nitroaniline	13.428	65	311203	37.658	ng/ul	97
47) Dimethylphthalate	13.810	163	1413978	40.161	ng/ul	100
48) 2,6-Dinitrotoluene	13.928	165	288902	44.283	ng/ul	96
50) Acenaphthylene	14.081	152	1656444	39.592	ng/ul	99
51) 3-Nitroaniline	14.257	138	286808	40.886	ng/ul	93
52) Acenaphthene	14.428	153	1147003	38.766	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	172274	43.779	ng/ul	89
55) 4-Nitrophenol	14.575	109	226050	36.003	ng/ul#	87
56) Dibenzofuran	14.763	168	1656071	39.816	ng/ul	95
57) 2,4-Dinitrotoluene	14.722	165	433020	43.366	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.992	232	385312	43.309	ng/ul	99
59) Diethylphthalate	15.192	149	1360192	37.482	ng/ul	98
61) Fluorene	15.422	166	1345898	37.127	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	711002	38.700	ng/ul	97
63) 4-Nitroaniline	15.434	138	287899	38.833	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.498	198	281207	42.643	ng/ul#	96
67) N-Nitrosodiphenylamine	15.628	169	1187304	38.325	ng/ul	97
68) 4-Bromophenyl-phenylether	16.322	248	460726	39.379	ng/ul	96
69) Hexachlorobenzene	16.439	284	541723	38.828	ng/ul	99
70) Atrazine	16.604	200	470567	39.582	ng/ul	100
71) Pentachlorophenol	16.786	266	361020	40.531	ng/ul	98
72) Phenanthrene	17.186	178	2300803	39.135	ng/ul	99
74) Anthracene	17.281	178	2321465	39.095	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.151	216	633099	42.863	ng/uL	98
76) Pentachlorobenzene	14.687	250	630758	40.679	ng/uL	98
77) Carbazole	17.557	167	2100714	39.413	ng/ul	99
78) Di-n-butylphthalate	18.145	149	2428490	38.226	ng/ul	100
80) Fluoranthene	19.269	202	2907004	41.367	ng/ul	100
82) Pyrene	19.645	202	3035441	40.576	ng/ul	100
83) Butylbenzylphthalate	20.604	149	1128617	38.220	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.486	252	1024418	39.241	ng/ul	100
85) Benzo(a)anthracene	21.569	228	3081675	40.985	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.504	149	1596937	36.843	ng/ul	98
87) Chrysene	21.639	228	2882665	40.576	ng/ul	98
89) Di-n-octyl phthalate	22.780	149	2687394	37.105	ng/ul	100
90) Benzo(b)fluoranthene	23.863	252	3170490	42.528	ng/ul	99
91) Benzo(k)fluoranthene	23.933	252	2966465	40.140	ng/ul	100
93) Benzo(a)pyrene	24.768	252	2877831	41.627	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.698	276	3497611m	38.986	ng/ul	
95) Dibenzo(a,h)anthracene	28.786	278	2786648m	38.558	ng/ul	
96) Benzo(g,h,i)perylene	29.856	276	2776841	39.867	ng/ul	98

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

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091124\
Data File : BP021887.D
Acq On : 11 Sep 2024 16:58
Operator : RC/JU
Sample : SSTD04034
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 11 17:26:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 15:08:33 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD040612

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
Supervised By :mohammad ahmed 09/13/2024