Quantitation Report (Qedit)

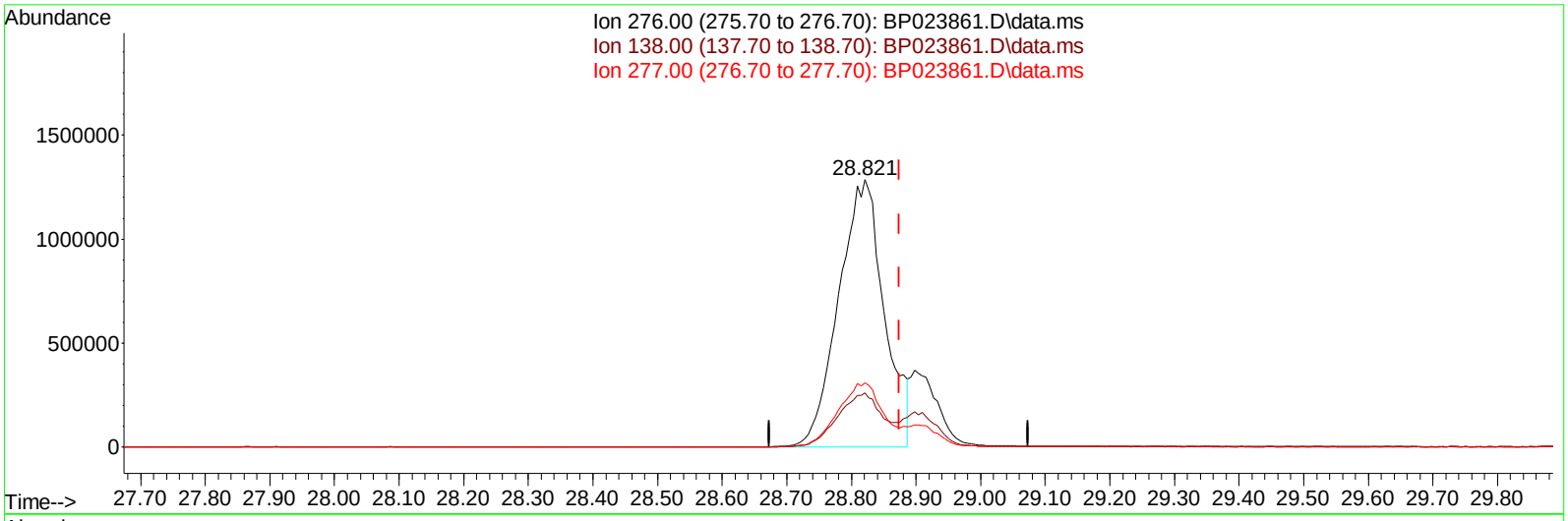
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023861.D
Acq On : 01 Feb 2025 16:50
Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

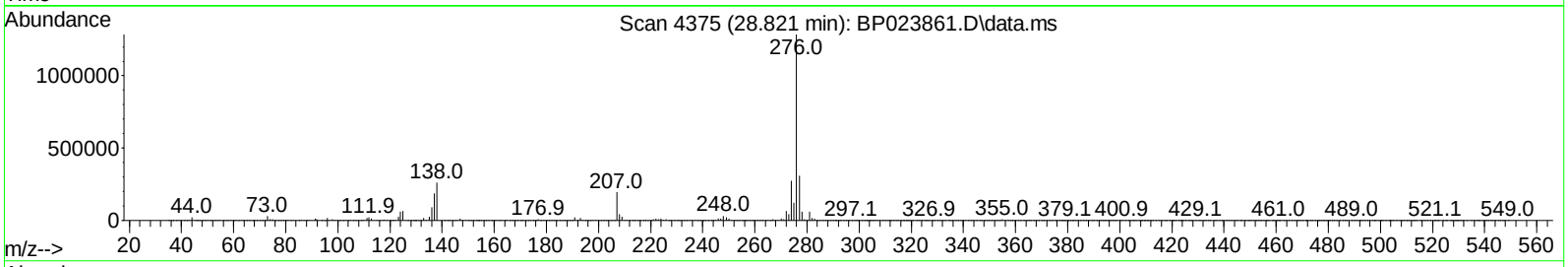
Quant Time: Feb 03 08:36:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

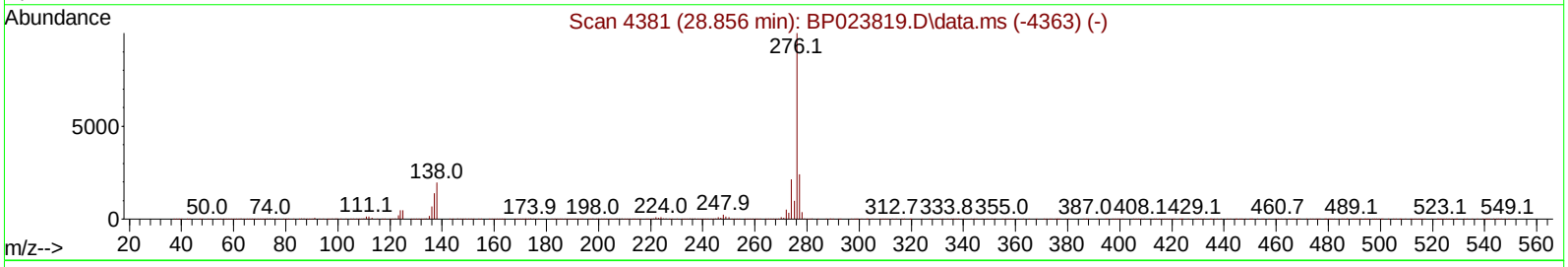
Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023861.D\data.ms

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

28.821min (-0.053) 43.15 ng/ul

response 6297630

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.25
277.00	23.70	24.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_P
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Manual IntegrationsAPPROVED

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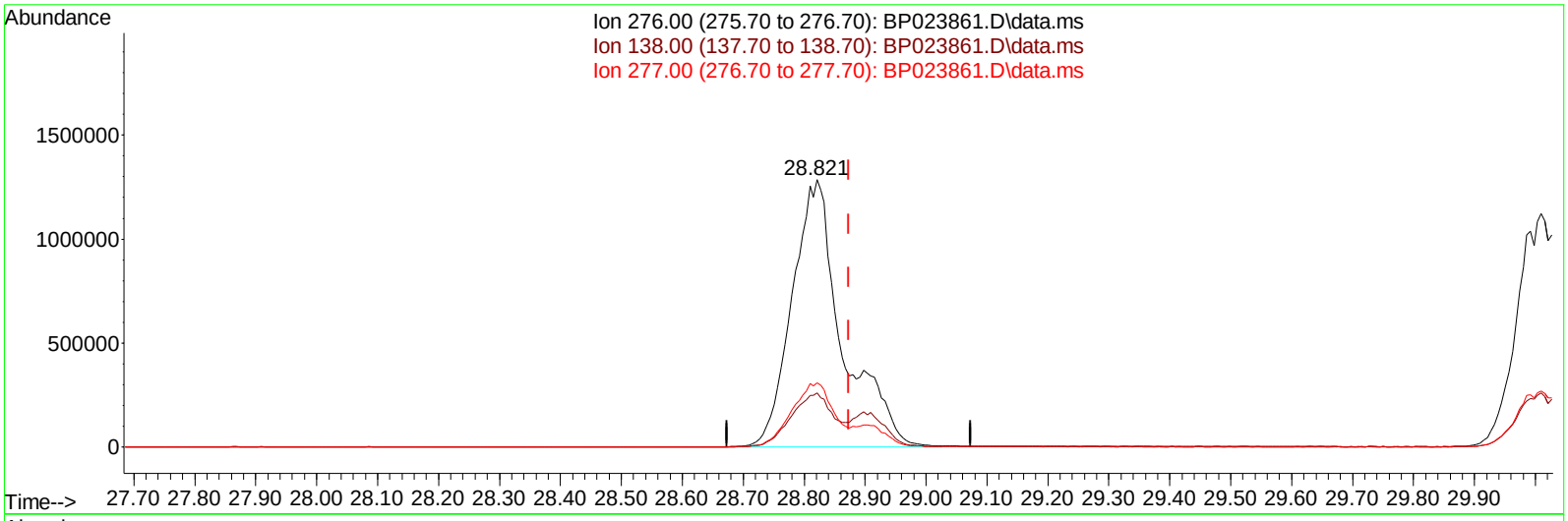

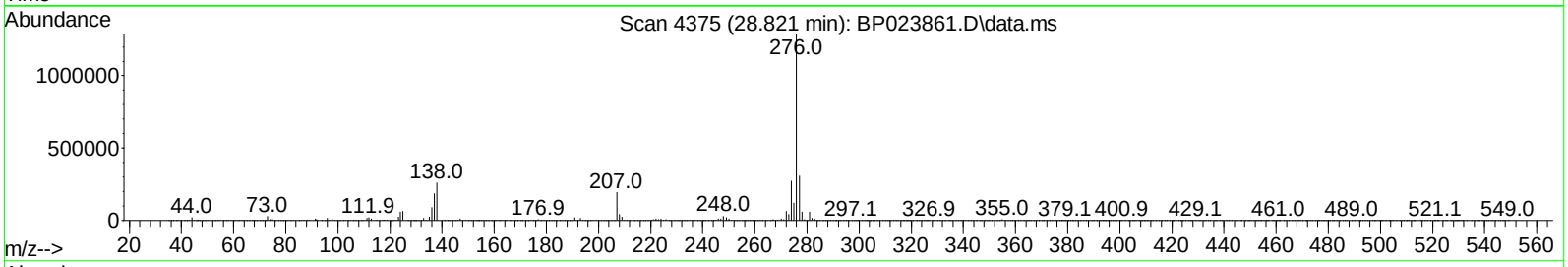

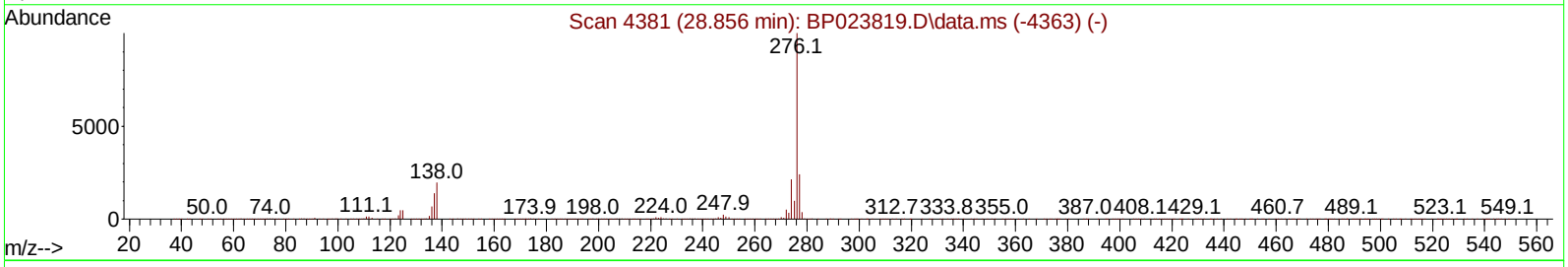

TIC: BP023861.D\data.ms

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

28.821min (-0.053) 50.61 ng/ul m

response 7386555

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.90	20.25
277.00	23.70	24.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual IntegrationsAPPROVED

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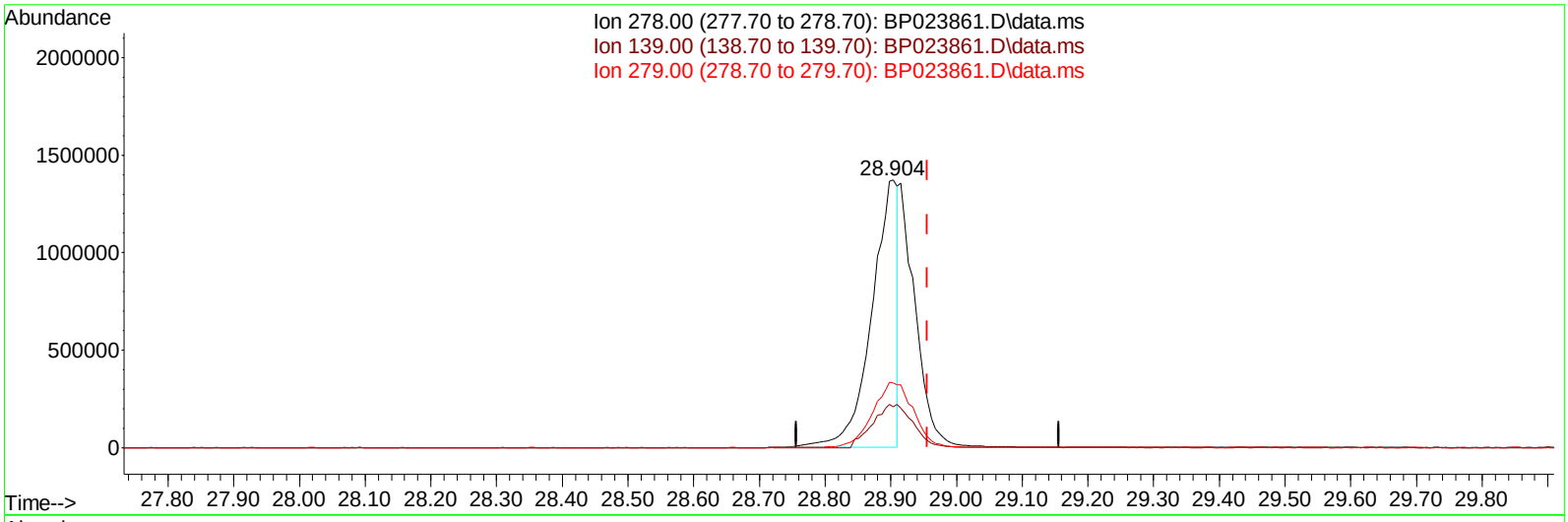

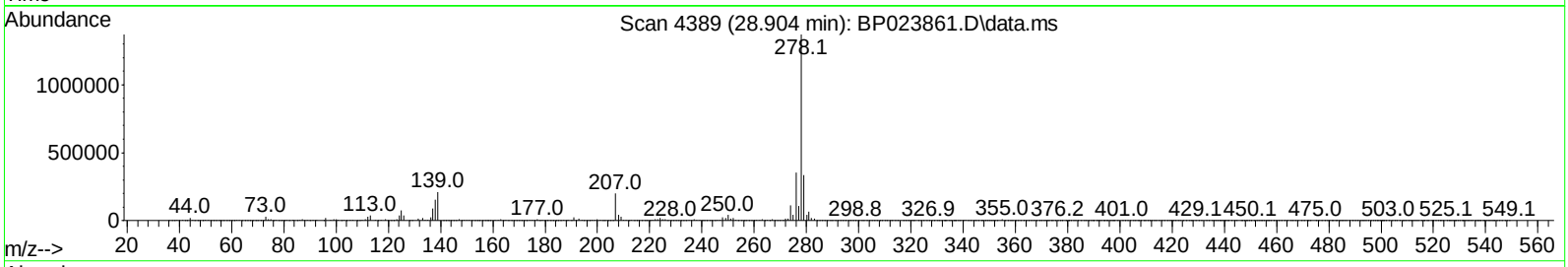

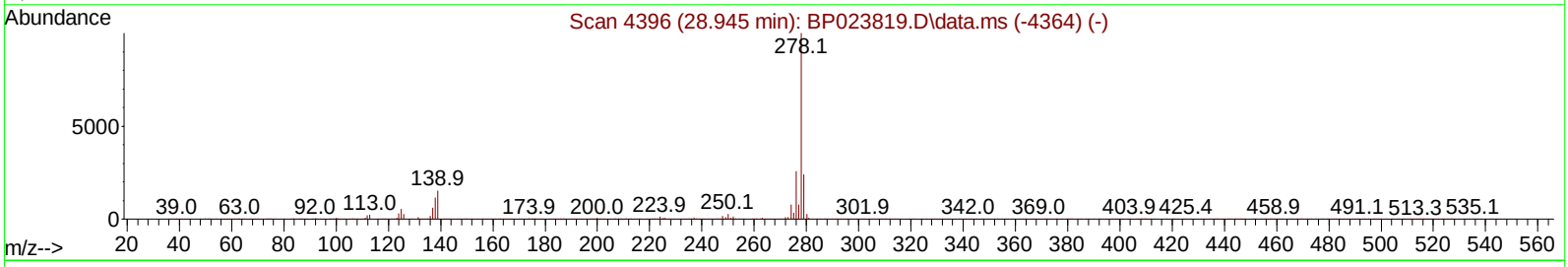

TIC: BP023861.D\data.ms

(95) Dibenzo(a,h)anthracene

28.904min (-0.053) 31.61 ng/ul

response 3741817

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.34
279.00	23.80	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BP023861.D
Acq On : 01 Feb 2025 16:50
Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Feb 03 08:36:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

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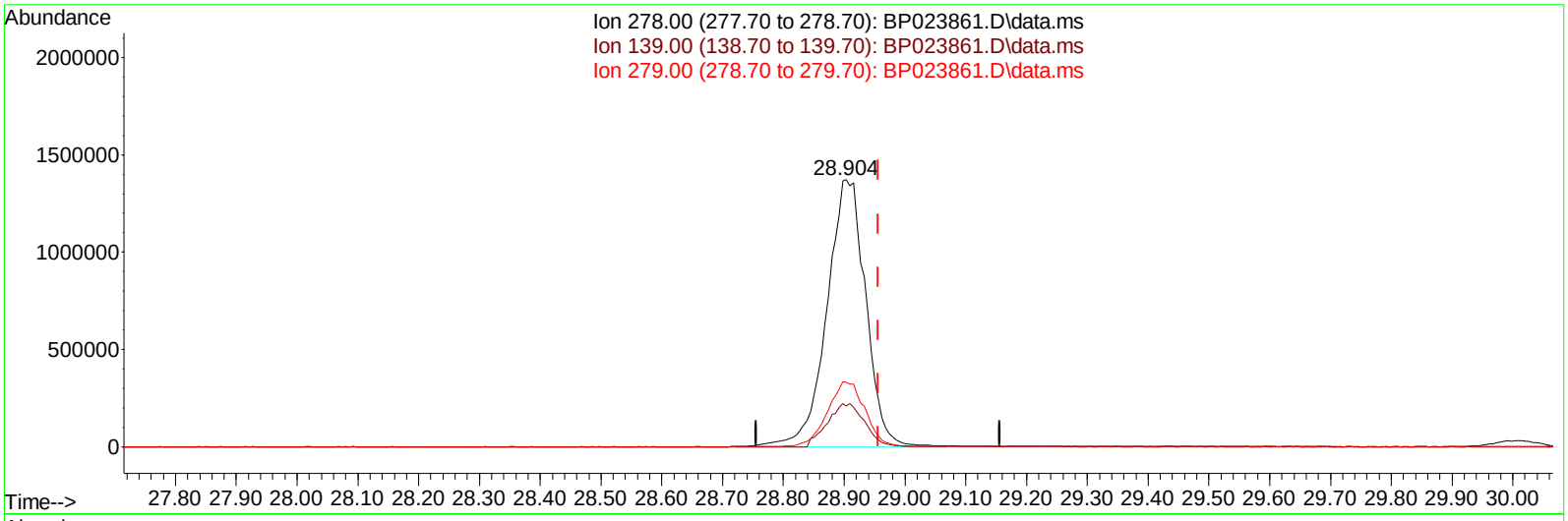
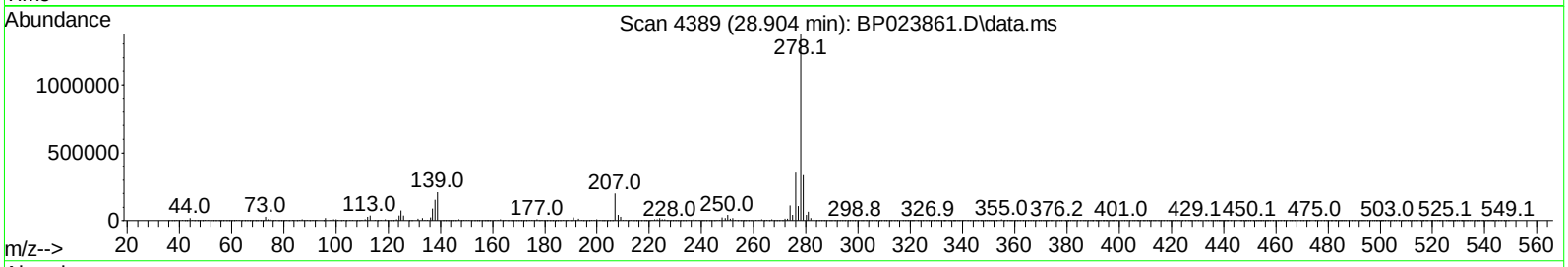
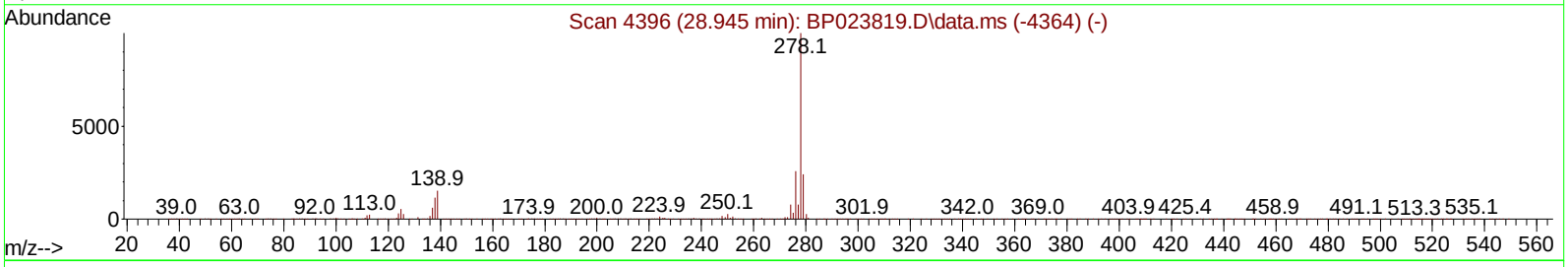
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023861.D\data.ms

(95) Dibenzo(a,h)anthracene

28.904min (-0.053) 51.51 ng/ul m

response 6097782

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	15.34
279.00	23.80	24.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023861.D
Acq On : 01 Feb 2025 16:50
Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Feb 03 08:36:22 2025
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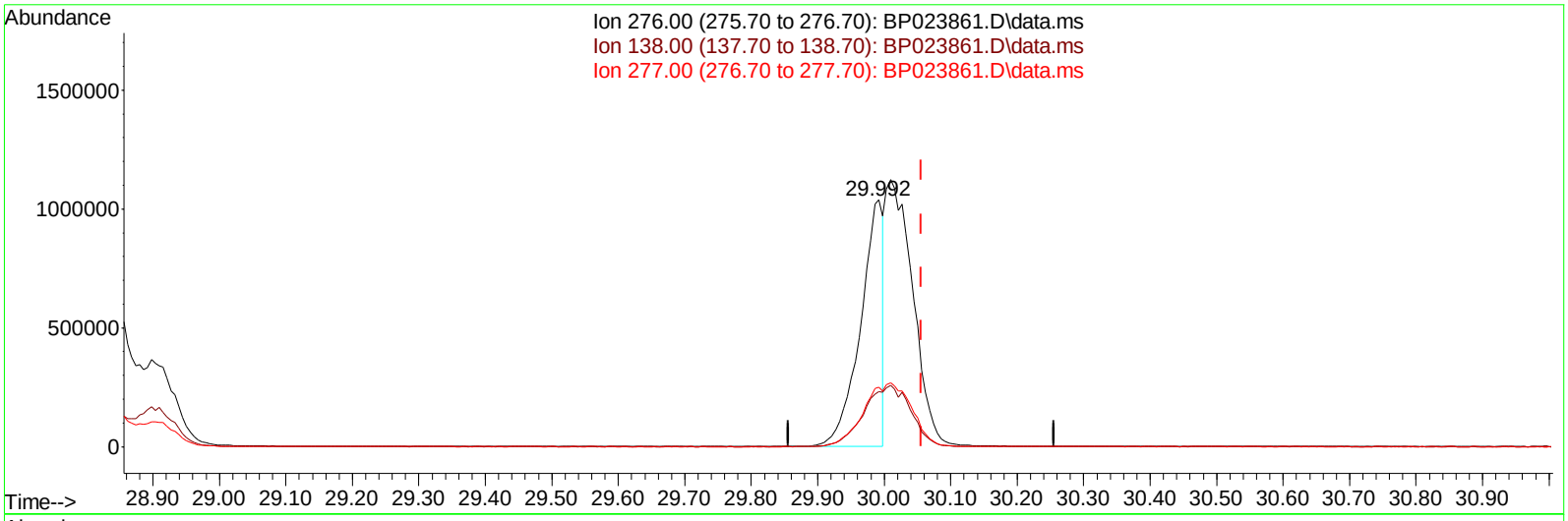
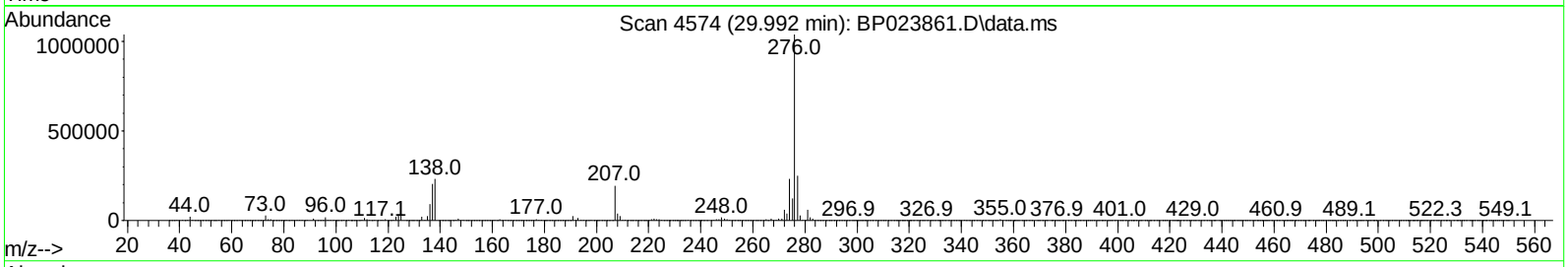
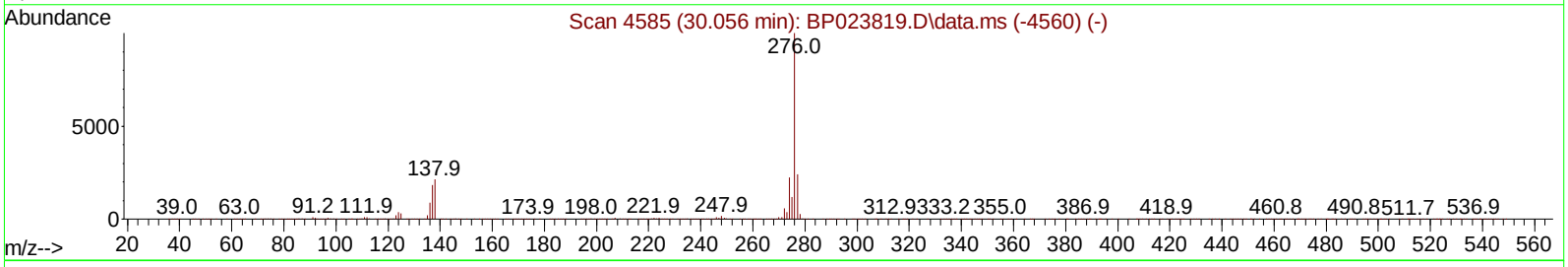
Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023861.D\data.ms

(96) Benzo(g,h,i)perylene

29.992min (-0.064) 22.12 ng/ul

response 2472105

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	22.32
277.00	23.80	24.02
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BP023861.D
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Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
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Instrument :
BNA_P
ClientSampleId :
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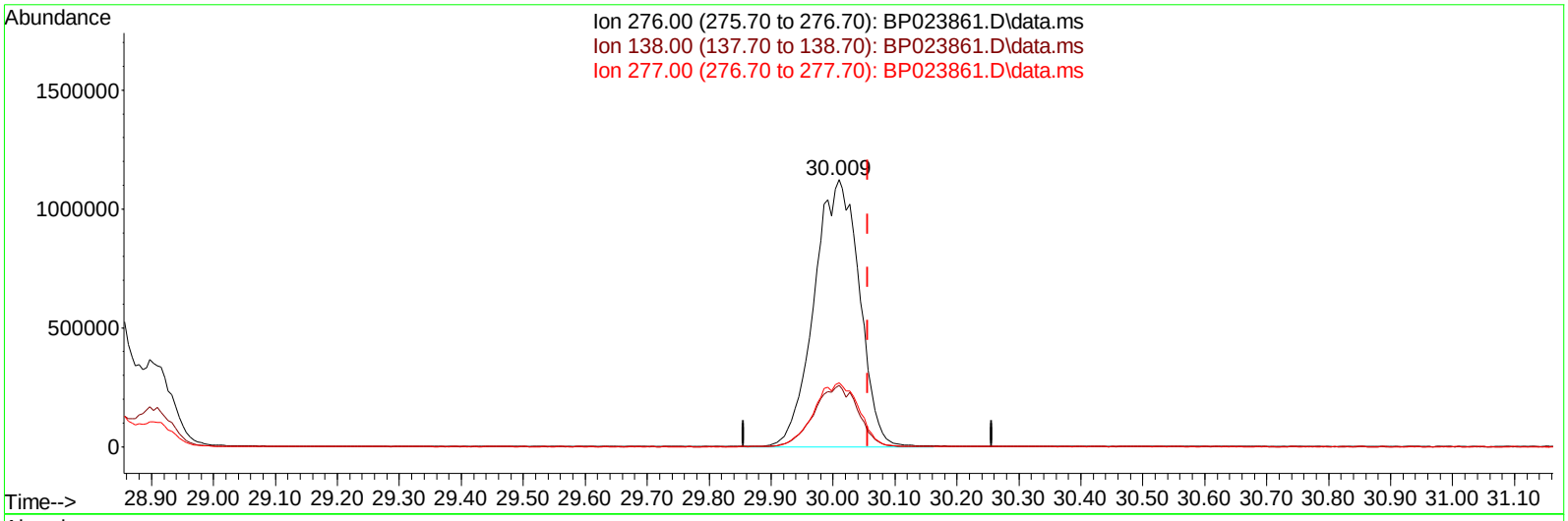
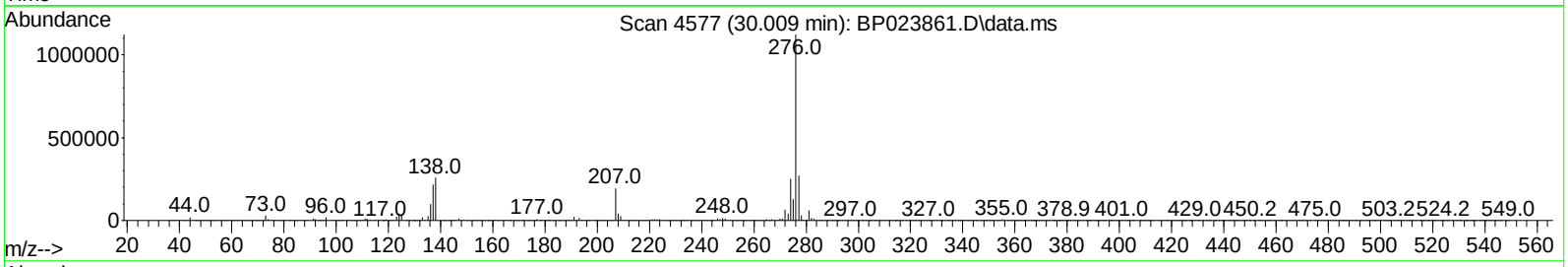
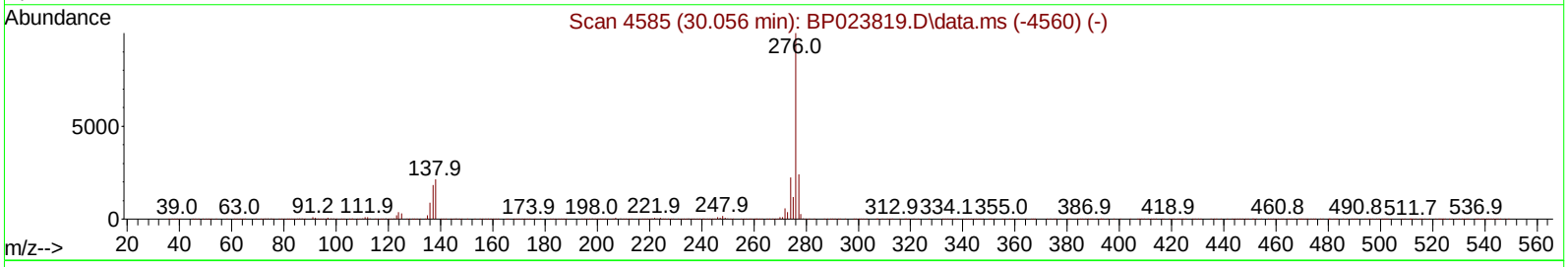
Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025







TIC: BP023861.D\data.ms

(96) Benzo(g,h,i)perylene

30.009min (-0.047) 50.75 ng/ul m

response 5672765

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	22.20	23.04
277.00	23.80	24.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023861.D
Acq On : 01 Feb 2025 16:50
Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Feb 03 08:38:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
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A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	345421	20.000	ng/ul	0.02
20) Naphthalene-d8	10.552	136	1449218	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	919936	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	1854436	20.000	ng/ul	-0.01
79) Chrysene-d12	21.633	240	2041081	20.000	ng/ul	-0.01
88) Perylene-d12	24.992	264	1986907	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	49835	5.994	ng/uL	0.00
4) Pyridine-d5	3.705	84	689552	28.744	ng/ul	0.01
7) Phenol-d5	6.963	99	986062	32.257	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.116	67	541423	33.462	ng/ul	0.02
11) 2-Chlorophenol-d4	7.322	132	810952	33.783	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	797597	31.941	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	376236	32.449	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	400461	32.009	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	778802	33.933	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	935376	27.251	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	2249916	32.789	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	2291714	29.612	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	423168	31.053	ng/ul	0.00
60) Fluorene-d10	15.398	176	1599972	27.688	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.528	200	302307	26.424	ng/ul	0.00
73) Anthracene-d10	17.298	188	2457469	26.989	ng/ul	-0.02
81) Pyrene-d10	19.657	212	2579734	23.588	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.763	264	2082669	20.090	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	157984	18.070	ng/uL	98
5) Pyridine	3.722	79	1132213	47.141	ng/ul	97
6) Benzaldehyde	6.928	77	244158	16.274	ng/ul	100
8) Phenol	6.993	94	1608588	51.248	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.205	93	1161291	48.602	ng/ul	99
12) 2-Chlorophenol	7.358	128	1231136	49.782	ng/ul	99
13) 2-Methylphenol	8.222	108	1136353	48.115	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1202241	48.770	ng/ul	99
16) Acetophenone	8.593	105	1801410	47.189	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.575	70	862285	47.969	ng/ul	98
18) 4-Methylphenol	8.546	108	1260570	48.106	ng/ul	96
19) Hexachloroethane	8.852	117	479954	49.081	ng/ul	99
22) Nitrobenzene	8.963	77	1261067	50.117	ng/ul	98
23) Isophorone	9.493	82	2427635	47.783	ng/ul	99
25) 2-Nitrophenol	9.669	139	672467	49.279	ng/ul	98
26) 2,4-Dimethylphenol	9.740	107	1273451	50.419	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.963	93	1527965	48.282	ng/ul	100
29) 2,4-Dichlorophenol	10.210	162	1162183	49.933	ng/ul	98
30) Naphthalene	10.604	128	3817287	49.209	ng/ul	100
32) 4-Chloroaniline	10.710	127	874160	26.986	ng/ul	100
33) Hexachlorobutadiene	10.893	225	693913	49.247	ng/ul	99
34) Caprolactam	11.493	113	403128	44.708	ng/ul	98
35) 4-Chloro-3-methylphenol	11.846	107	1216146	48.608	ng/ul	99

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Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.210	142	2654566	48.669	ng/ul	99
37) 1-Methylnaphthalene	12.434	142	2659796	49.156	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.581	216	1366655	50.252	ng/ul	100
40) Hexachlorocyclopentadiene	12.563	237	618665	40.370	ng/ul	100
41) 2,4,6-Trichlorophenol	12.822	196	897548	49.408	ng/ul	99
42) 2,4,5-Trichlorophenol	12.904	196	999450	51.043	ng/ul	100
43) 1,1'-Biphenyl	13.222	154	3401038	49.806	ng/ul	100
44) 2-Chloronaphthalene	13.263	162	2660108	49.995	ng/ul	99
45) 2-Nitroaniline	13.469	65	715366	51.659	ng/ul	95
47) Dimethylphthalate	13.845	163	3330854	48.787	ng/ul	99
48) 2,6-Dinitrotoluene	13.963	165	665639	49.889	ng/ul	96
50) Acenaphthylene	14.116	152	4168365	50.576	ng/ul	100
51) 3-Nitroaniline	14.298	138	700441	47.768	ng/ul	98
52) Acenaphthene	14.463	153	2961444	50.680	ng/ul	100
53) 2,4-Dinitrophenol	14.504	184	332283	41.773	ng/ul	96
55) 4-Nitrophenol	14.634	109	502738	52.147	ng/ul	96
56) Dibenzofuran	14.798	168	4011614	49.544	ng/ul	97
57) 2,4-Dinitrotoluene	14.757	165	1014157	51.102	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.034	232	833223	50.008	ng/ul	93
59) Diethylphthalate	15.240	149	3370111	49.269	ng/ul	99
61) Fluorene	15.457	166	3453871	51.419	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.457	204	1685666	50.695	ng/ul	99
63) 4-Nitroaniline	15.475	138	859796	60.267	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.540	198	568095	45.166	ng/ul	98
67) N-Nitrosodiphenylamine	15.675	169	2843479	50.241	ng/ul	99
68) 4-Bromophenyl-phenylether	16.369	248	1030644	49.261	ng/ul	99
69) Hexachlorobenzene	16.486	284	1219849	48.120	ng/ul	99
70) Atrazine	16.651	200	1042062	47.546	ng/ul	98
71) Pentachlorophenol	16.839	266	736802	47.253	ng/ul	100
72) Phenanthrene	17.245	178	5254243	50.172	ng/ul	99
74) Anthracene	17.334	178	5433738	51.450	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.187	216	1327769	48.895	ng/uL	100
76) Pentachlorobenzene	14.722	250	1372975	46.917	ng/uL	99
77) Carbazole	17.616	167	5099449	55.115	ng/ul	99
78) Di-n-butylphthalate	18.216	149	6198863	54.131	ng/ul	100
80) Fluoranthene	19.316	202	6166714	48.953	ng/ul	100
82) Pyrene	19.686	202	6649750	50.478	ng/ul	97
83) Butylbenzylphthalate	20.645	149	2758813	48.631	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.539	252	1881071	42.597	ng/ul	99
85) Benzo(a)anthracene	21.610	228	6497801	48.413	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	4247825	51.319	ng/ul	100
87) Chrysene	21.680	228	6067416	49.061	ng/ul	98
89) Di-n-octyl phthalate	22.845	149	6754277	56.708	ng/ul	100
90) Benzo(b)fluoranthene	23.927	252	6253490	51.870	ng/ul	99
91) Benzo(k)fluoranthene	23.998	252	6389368	52.865	ng/ul	100
93) Benzo(a)pyrene	24.833	252	5790519	51.431	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.821	276	7386555m	50.615	ng/ul	
95) Dibenzo(a,h)anthracene	28.904	278	6097782m	51.509	ng/ul	
96) Benzo(g,h,i)perylene	30.009	276	5672765m	50.748	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023861.D
Acq On : 01 Feb 2025 16:50
Operator : RC/JU
Sample : Q1248-11MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

Quant Time: Feb 03 08:38:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A6342MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025