Quantitation Report (Qedit)

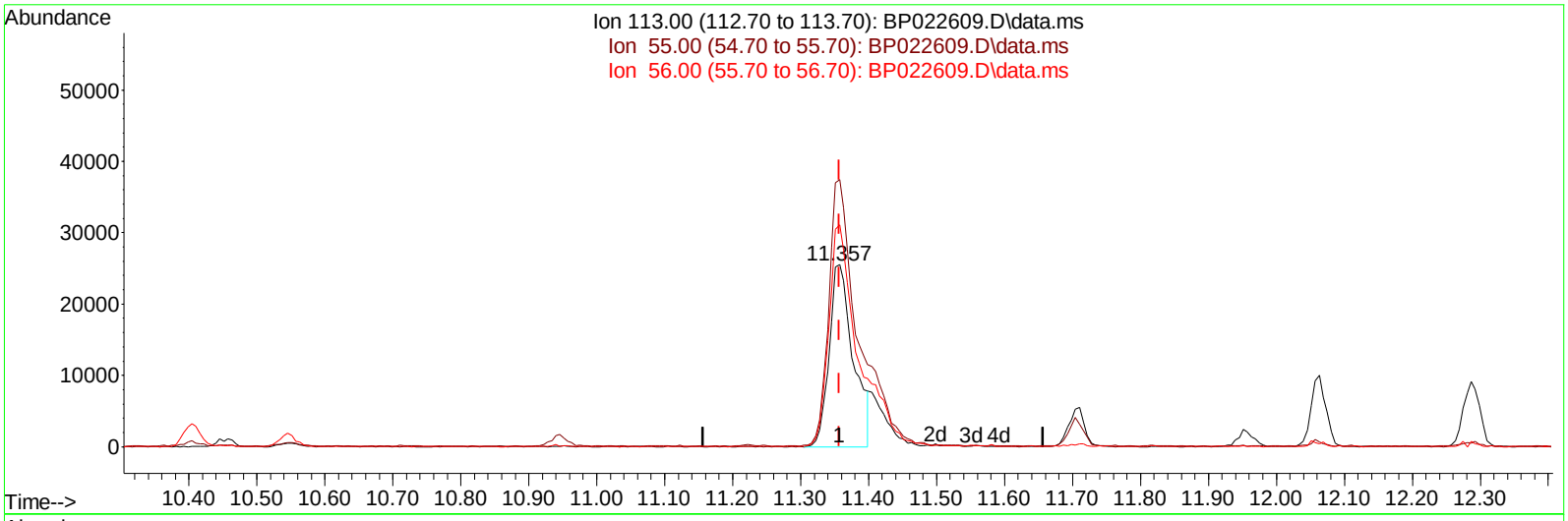
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

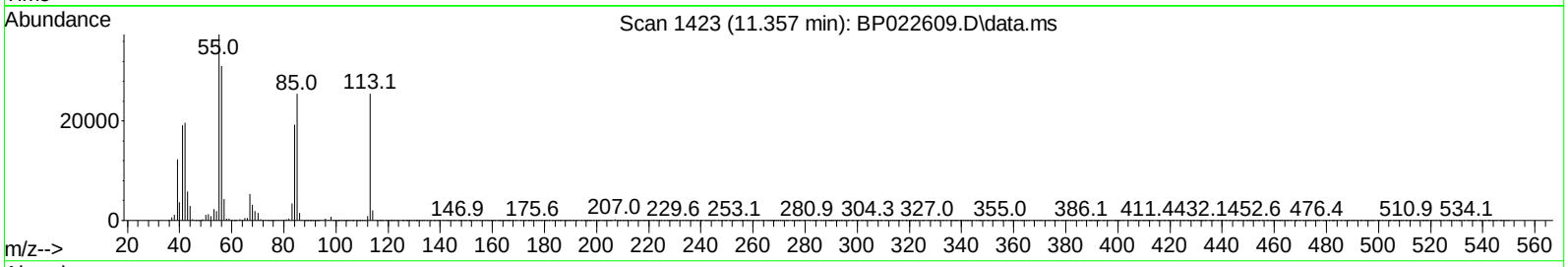
Quant Time: Oct 25 14:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

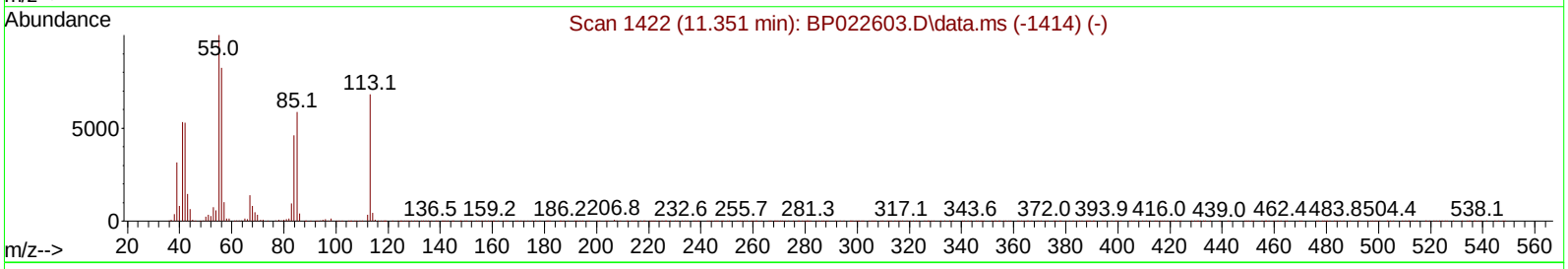
Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024







TIC: BP022609.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 25.31 ng/ul

response 62848

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.72
56.00	130.00	122.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:48:02 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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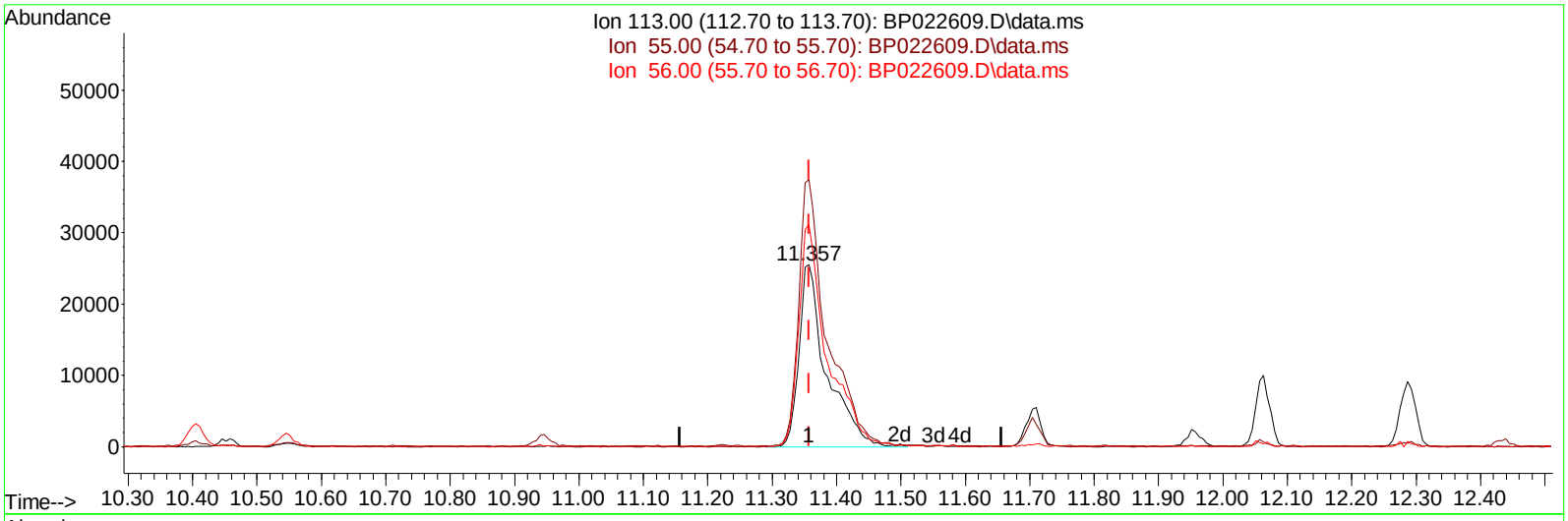

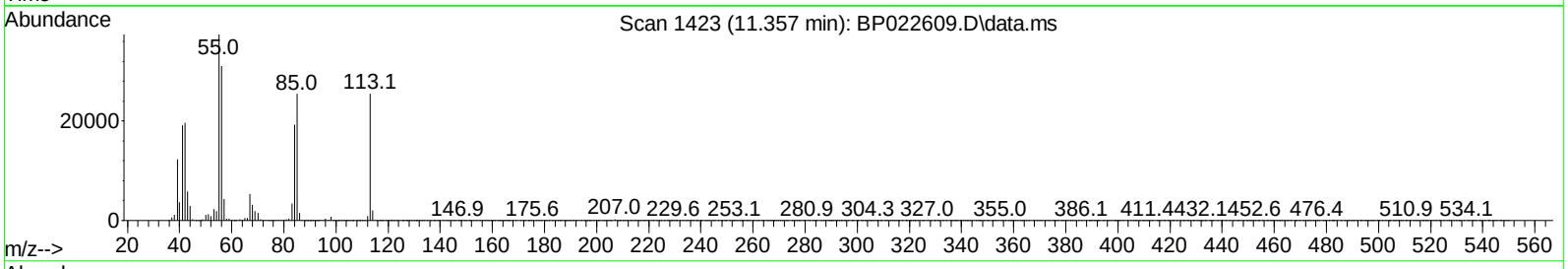

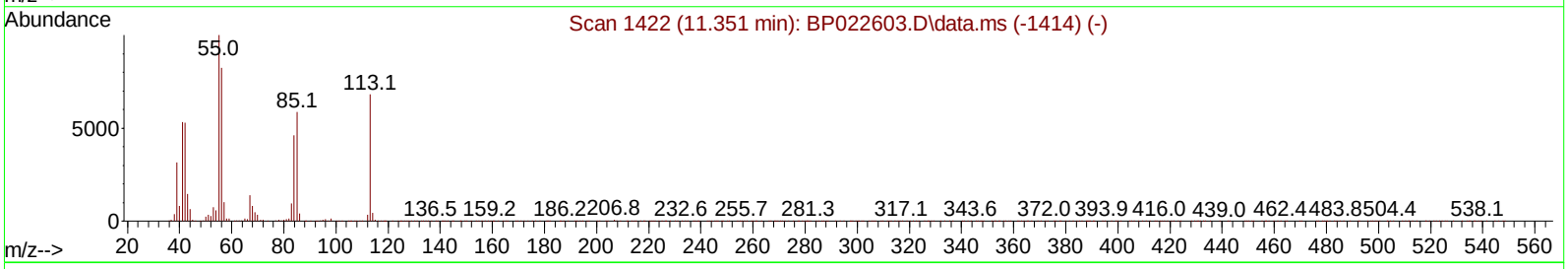

TIC: BP022609.D\data.ms

(34) Caprolactam

11.357min (+ 0.000) 30.66 ng/ul m

response 76123

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	146.72
56.00	130.00	122.09
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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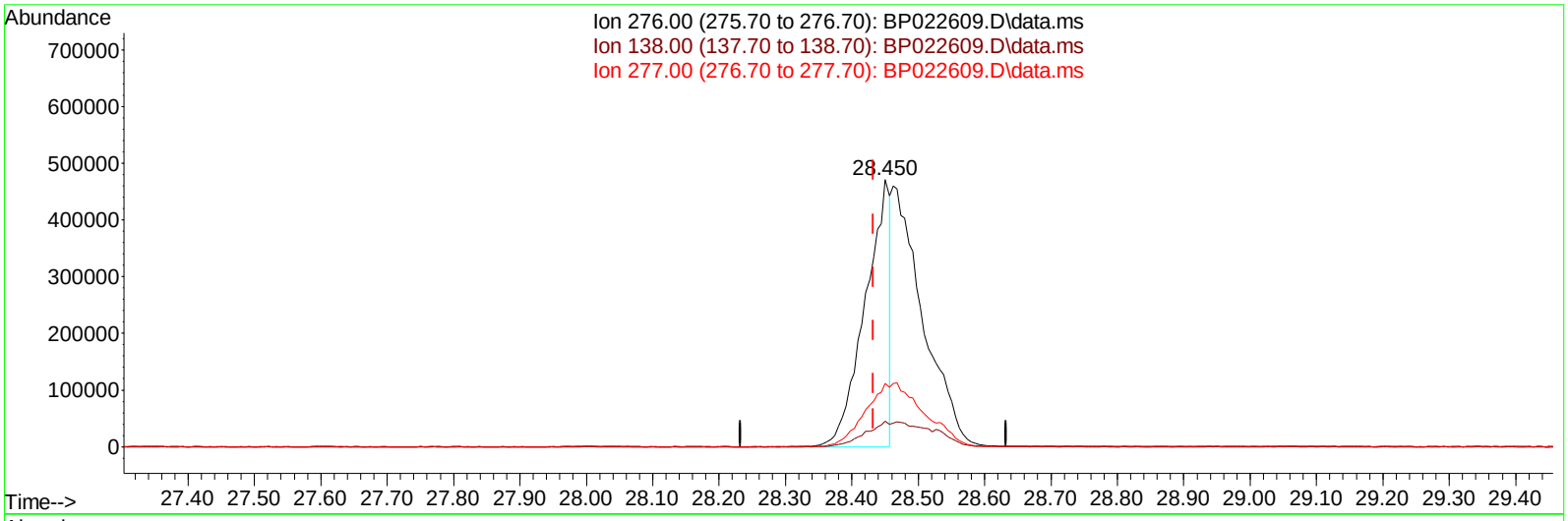

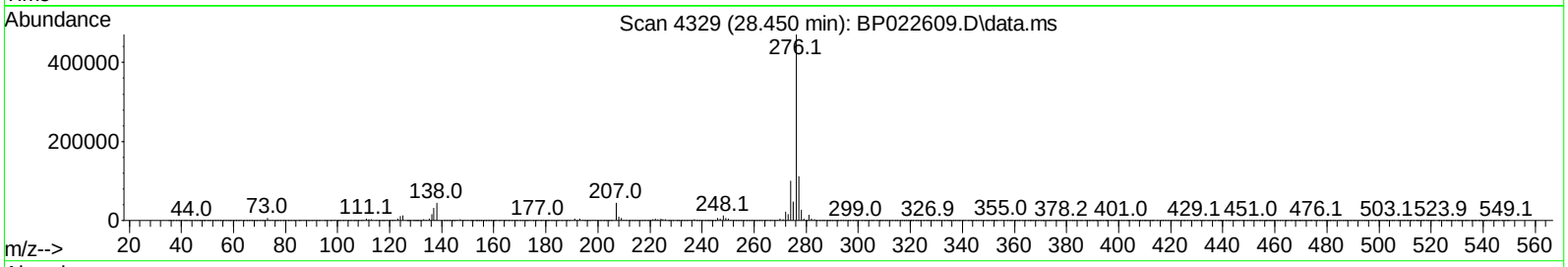

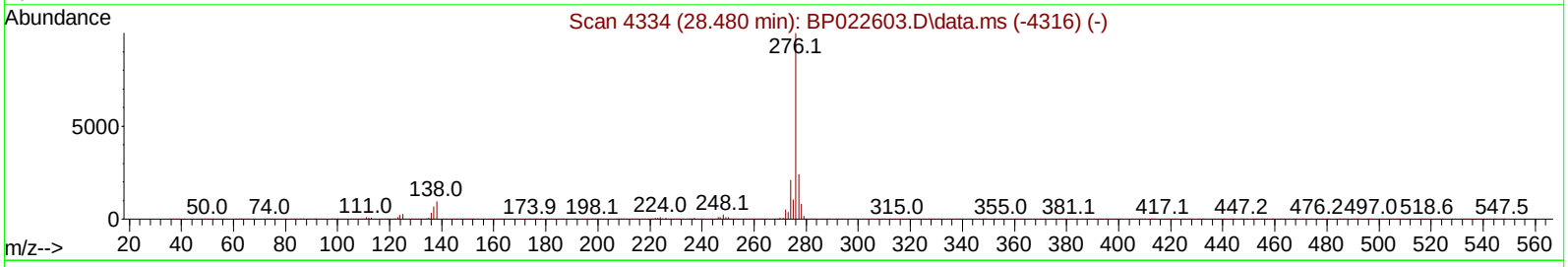

TIC: BP022609.D\data.ms

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

28.450min (+ 0.018) 14.51 ng/ul

response 1217959

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.47
277.00	23.20	23.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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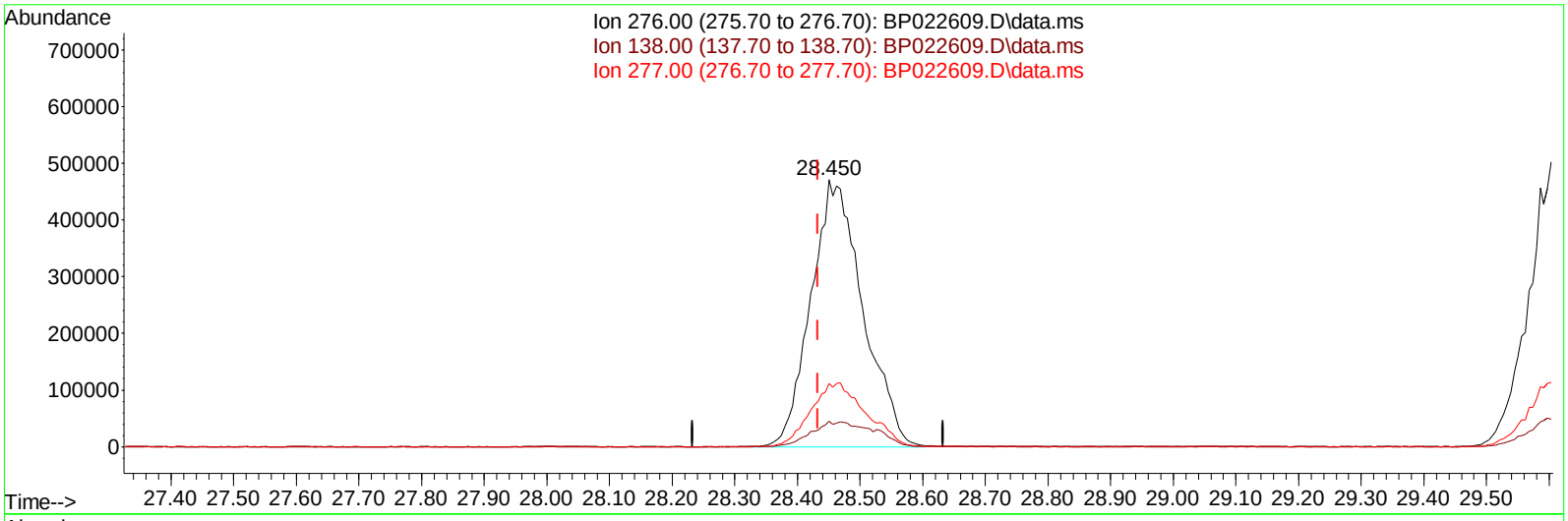

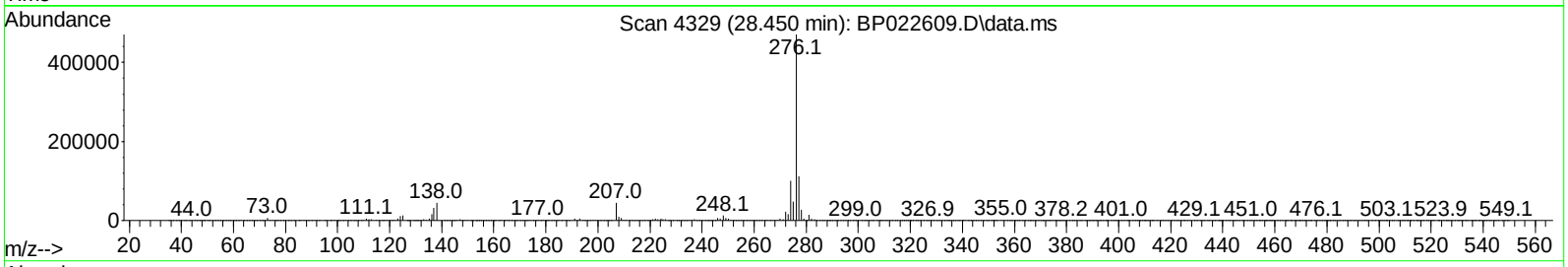

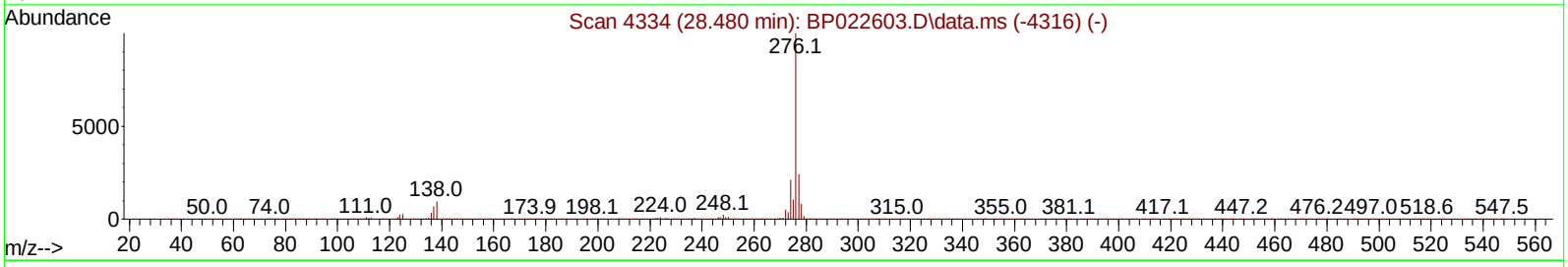

TIC: BP022609.D\data.ms

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

28.450min (+ 0.018) 32.27 ng/ul m

response 2708128

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.47
277.00	23.20	23.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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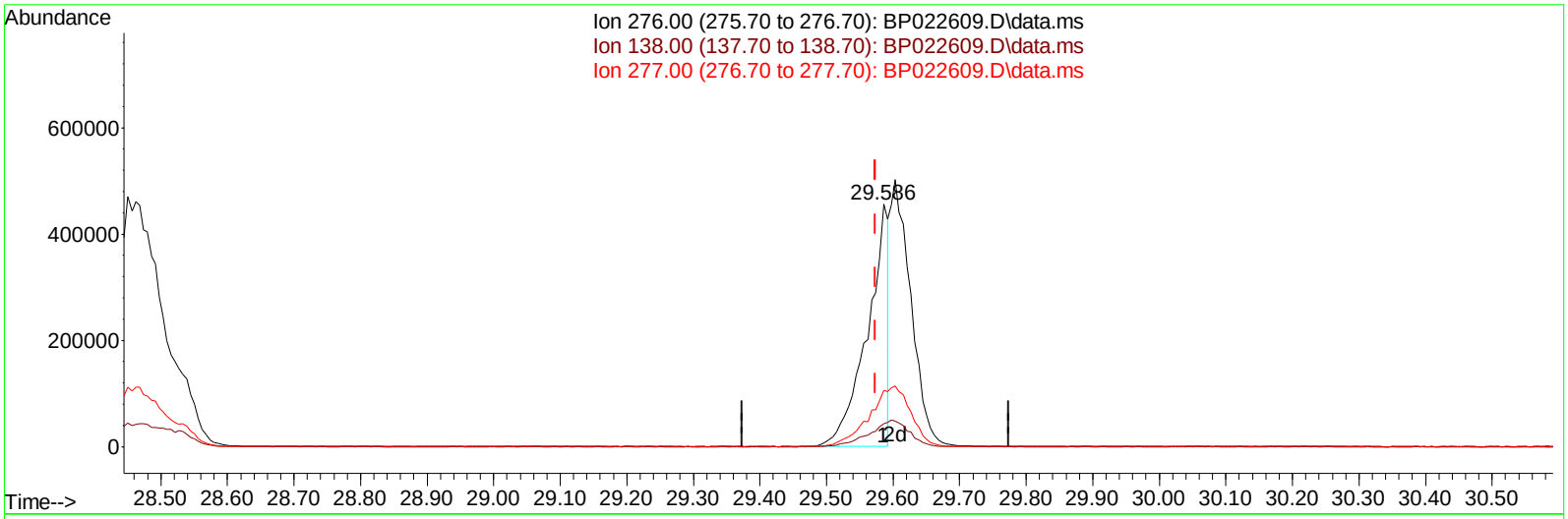

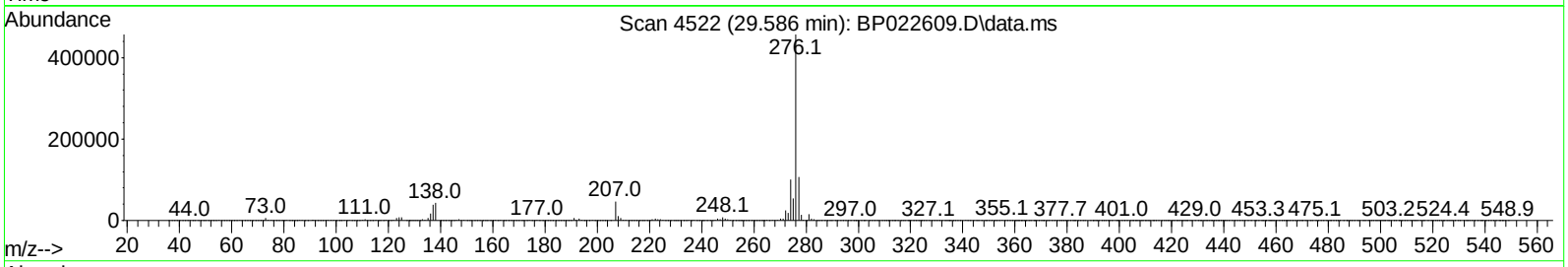

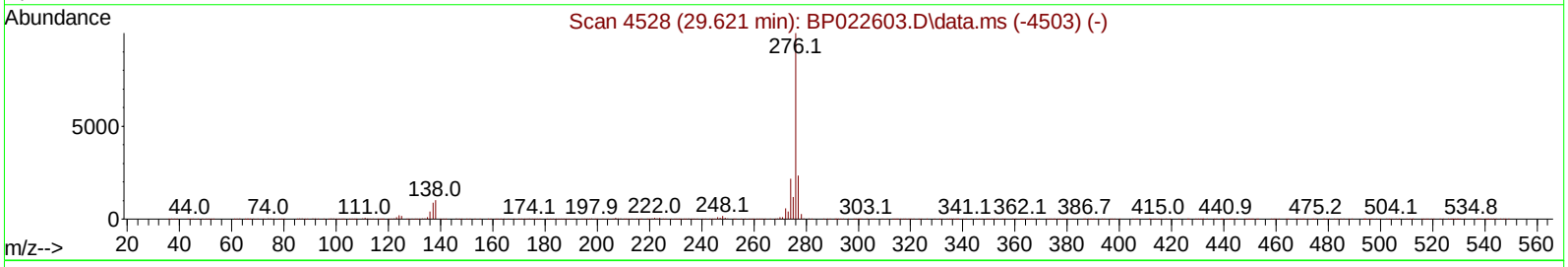

TIC: BP022609.D\data.ms

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

29.586min (+ 0.012) 15.32 ng/ul

response 1000291

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.56
277.00	23.70	23.31
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:48:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
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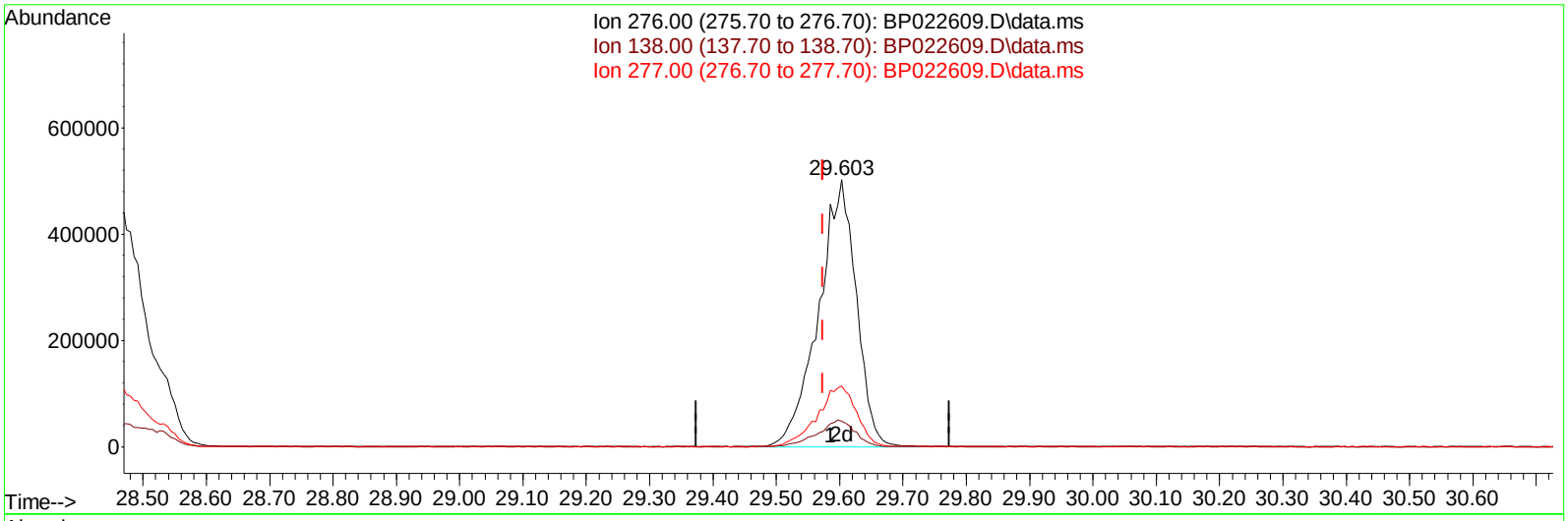

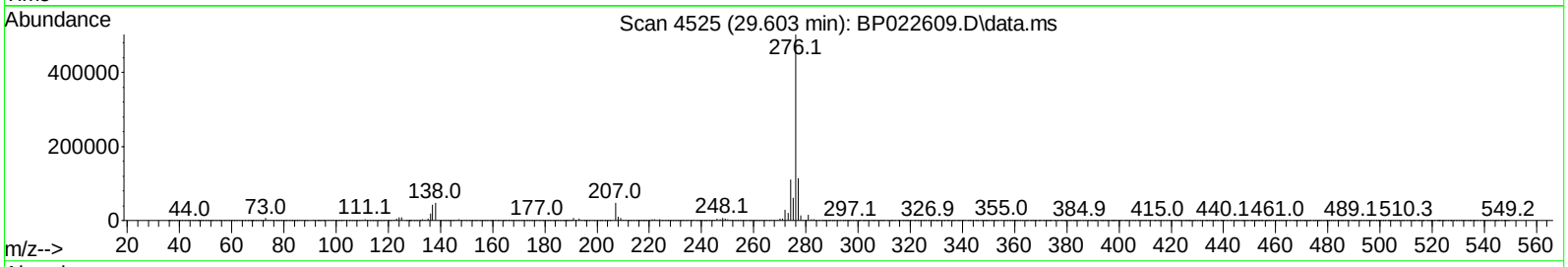

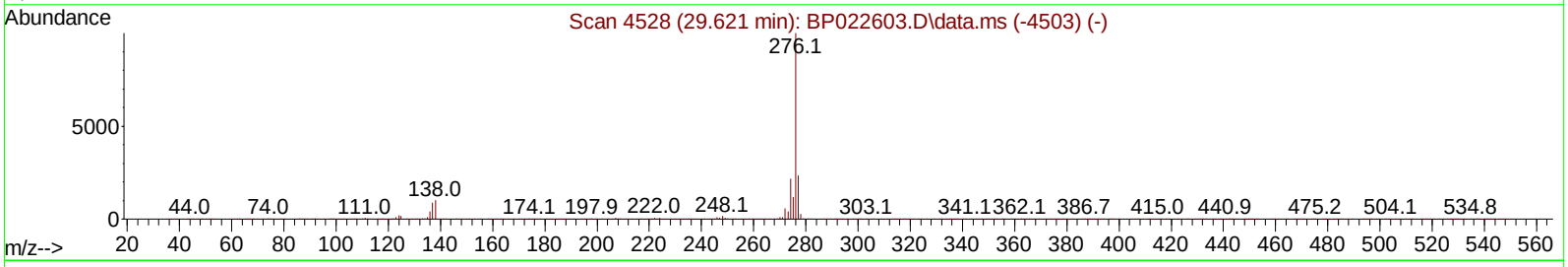

TIC: BP022609.D\data.ms

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

29.603min (+ 0.030) 31.73 ng/ul m

response 2071090

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.62
277.00	23.70	22.78
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:49:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	107367	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	413317	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	327462	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	846301	20.000	ng/ul	-0.02
79) Chrysene-d12	21.504	240	926001	20.000	ng/ul	# 0.00
88) Perylene-d12	24.762	264	1085563	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	9697	3.510	ng/uL	-0.01
4) Pyridine-d5	3.599	84	148580	19.589	ng/ul	-0.01
7) Phenol-d5	6.846	99	225340	24.933	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	123764	23.299	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	163570	25.506	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	180735	25.058	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	82974	26.109	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	104017	28.271	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	215146	27.513	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	215566	23.329	ng/ul	-0.01
46) Dimethylphthalate-d6	13.675	166	674002	25.906	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	720627	26.078	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.492	143	96434	22.094	ng/ul	-0.01
60) Fluorene-d10	15.269	176	594402	26.340	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200	116867	20.997	ng/ul	0.00
73) Anthracene-d10	17.169	188	1003016	25.194	ng/ul	0.00
81) Pyrene-d10	19.545	212	1316068	26.876	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.533	264	1607570	27.729	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	28091	9.456	ng/uL	97
5) Pyridine	3.616	79	201411	25.898	ng/ul	98
6) Benzaldehyde	6.810	77	27420	5.614	ng/ul	91
8) Phenol	6.869	94	293923	31.258	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	206258	29.309	ng/ul	98
12) 2-Chlorophenol	7.228	128	204698	30.868	ng/ul	95
13) 2-Methylphenol	8.099	108	205326	30.089	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.163	45	231962	28.362	ng/ul	97
16) Acetophenone	8.463	105	349375	29.341	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.446	70	181206	30.037	ng/ul	98
18) 4-Methylphenol	8.422	108	225727	29.817	ng/ul	100
19) Hexachloroethane	8.710	117	93690	30.336	ng/ul	98
22) Nitrobenzene	8.834	77	282258	29.755	ng/ul	97
23) Isophorone	9.357	82	512336	30.123	ng/ul	99
25) 2-Nitrophenol	9.534	139	126075	31.795	ng/ul	97
26) 2,4-Dimethylphenol	9.604	107	223079	25.883	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.828	93	281951	29.195	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	252055	32.731	ng/ul	97
30) Naphthalene	10.457	128	675126	30.667	ng/ul	98
32) 4-Chloroaniline	10.569	127	157669	17.286	ng/ul	98
33) Hexachlorobutadiene	10.734	225	202999	31.277	ng/ul	99
34) Caprolactam	11.357	113	76123m	30.662	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	269826	32.114	ng/ul	99

Quantitation Report (QT Reviewed)

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Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:49:43 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	505665	31.292	ng/ul	98
37) 1-Methylnaphthalene	12.287	142	501313	30.394	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	376161	31.067	ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	138775	18.812	ng/ul	100
41) 2,4,6-Trichlorophenol	12.687	196	248655	32.648	ng/ul	99
42) 2,4,5-Trichlorophenol	12.763	196	269483	33.230	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	721146	30.553	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	594476	30.767	ng/ul	98
45) 2-Nitroaniline	13.339	65	180095	31.215	ng/ul	92
47) Dimethylphthalate	13.722	163	777142	29.976	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	165958	33.843	ng/ul	97
50) Acenaphthylene	13.981	152	887227	30.936	ng/ul	99
51) 3-Nitroaniline	14.175	138	137483	29.851	ng/ul	94
52) Acenaphthene	14.328	153	624618	30.800	ng/ul	99
53) 2,4-Dinitrophenol	14.404	184	113107	31.350	ng/ul	95
55) 4-Nitrophenol	14.504	109	159334	32.891	ng/ul	93
56) Dibenzofuran	14.663	168	949433	31.166	ng/ul	100
57) 2,4-Dinitrotoluene	14.639	165	257741	33.824	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.904	232	256059	33.828	ng/ul	96
59) Diethylphthalate	15.104	149	791361	31.817	ng/ul	99
61) Fluorene	15.328	166	759981	30.618	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	437636	30.832	ng/ul	97
63) 4-Nitroaniline	15.357	138	171080	36.915	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.439	198	178797	29.823	ng/ul	96
67) N-Nitrosodiphenylamine	15.539	169	677561	29.897	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	319240	31.280	ng/ul	97
69) Hexachlorobenzene	16.345	284	394803	31.428	ng/ul	99
70) Atrazine	16.528	200	306038	32.486	ng/ul	95
71) Pentachlorophenol	16.710	266	253088	31.333	ng/ul	98
72) Phenanthrene	17.110	178	1387236	30.638	ng/ul	99
74) Anthracene	17.204	178	1318515	29.181	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	382466	29.681	ng/uL	96
76) Pentachlorobenzene	14.581	250	414227	29.079	ng/uL	99
77) Carbazole	17.486	167	1219544	30.503	ng/ul	99
78) Di-n-butylphthalate	18.063	149	1370047	30.970	ng/ul	99
80) Fluoranthene	19.198	202	1850657	32.874	ng/ul	99
82) Pyrene	19.574	202	1965010	32.567	ng/ul	98
83) Butylbenzylphthalate	20.527	149	685892	32.650	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	645629	29.249	ng/ul	98
85) Benzo(a)anthracene	21.480	228	2037590	31.388	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	973752	32.293	ng/ul	99
87) Chrysene	21.557	228	1871063	31.085	ng/ul	100
89) Di-n-octyl phthalate	22.657	149	1710995	33.136	ng/ul	100
90) Benzo(b)fluoranthene	23.727	252	2248044	32.899	ng/ul#	98
91) Benzo(k)fluoranthene	23.792	252	2094562	31.308	ng/ul	99
93) Benzo(a)pyrene	24.604	252	2016513	32.064	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.450	276	2708128m	32.269	ng/ul	
95) Dibenzo(a,h)anthracene	28.533	278	2153473	31.688	ng/ul	98
96) Benzo(g,h,i)perylene	29.603	276	2071090m	31.727	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022609.D
Acq On : 25 Oct 2024 13:15
Operator : RC/JU
Sample : P4435-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 25 14:49:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
BHK68MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024