Quantitation Report (Qedit)

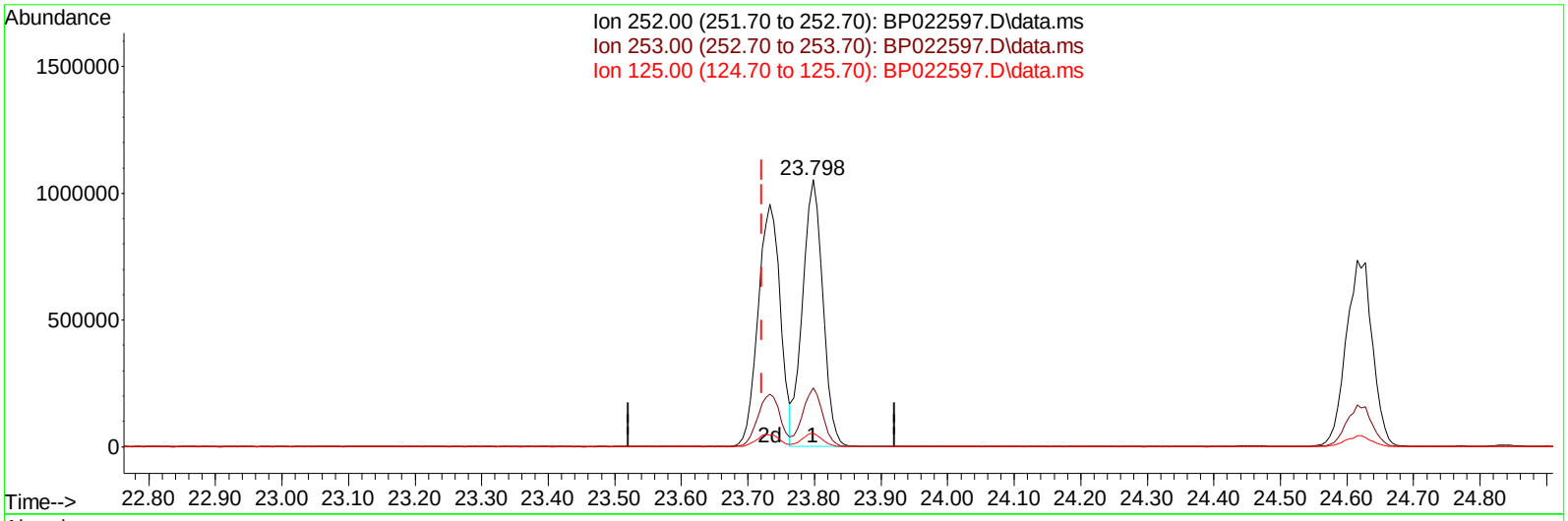
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

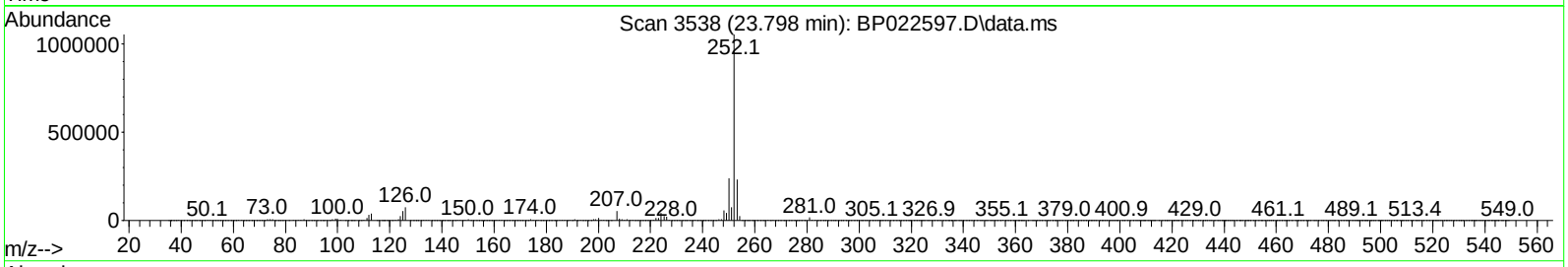
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

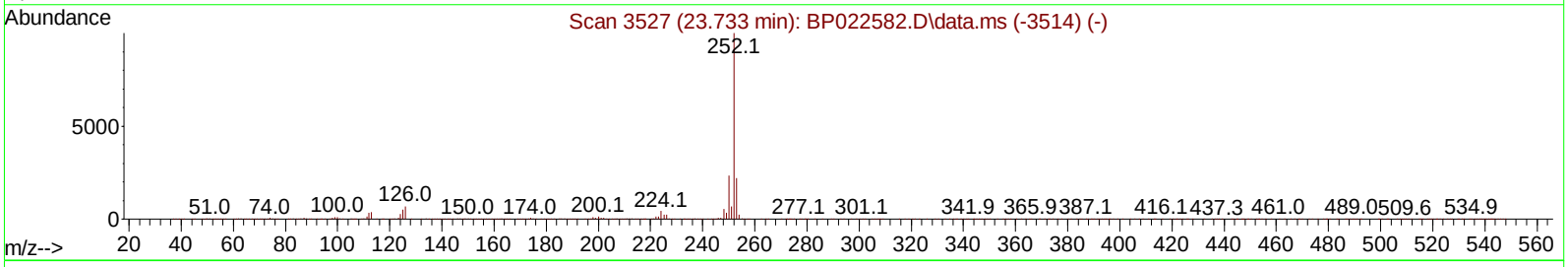
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

(90) Benzo(b)fluoranthene

23.798min (+ 0.077) 34.71 ng/ul

response 2233529

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.98
125.00	6.20	5.15
0.00	0.00	0.00

Quantitation Report (Qedit)

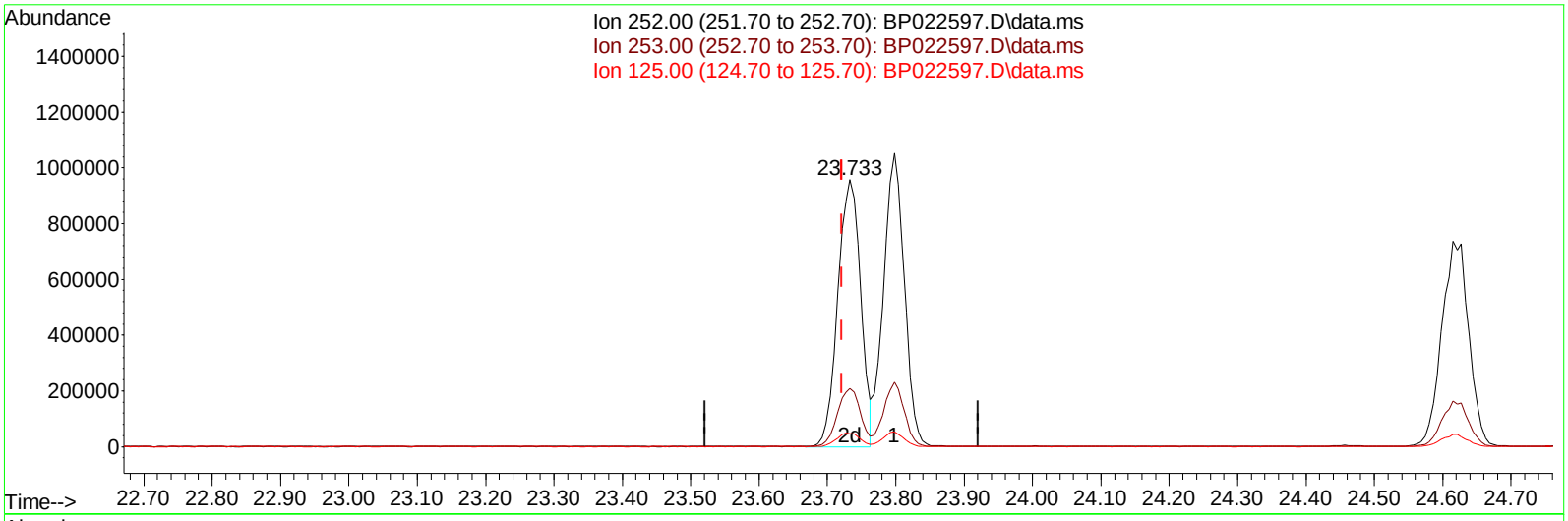
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

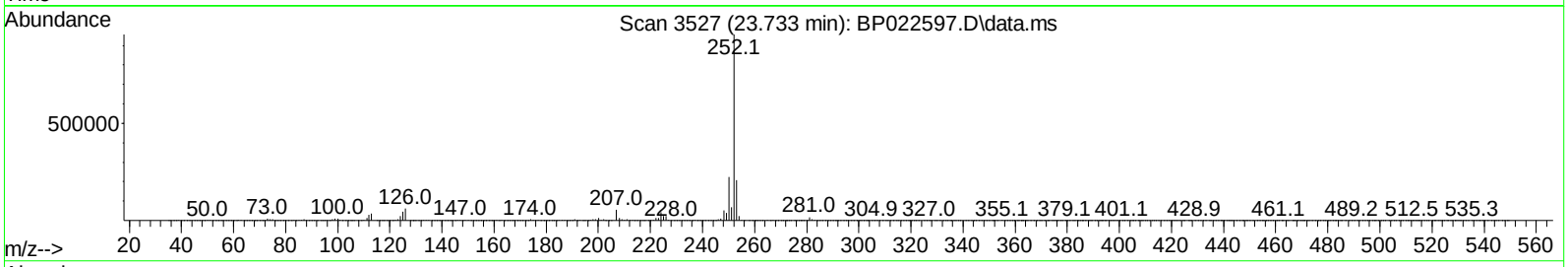
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

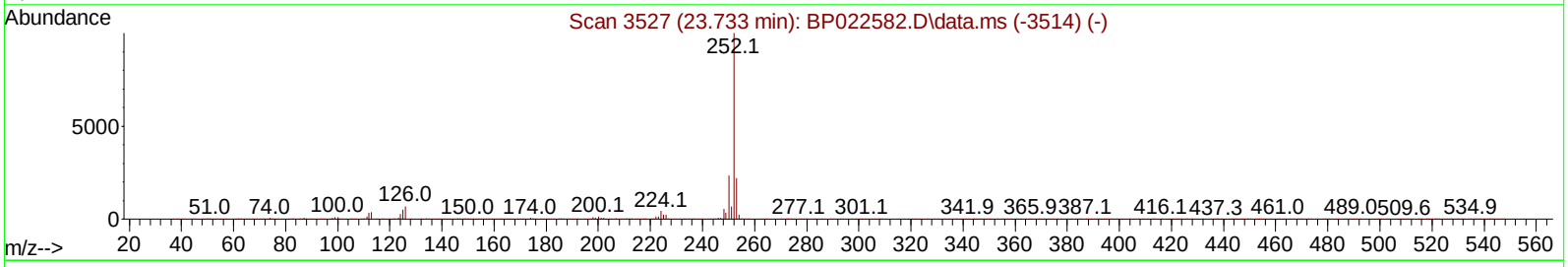
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

(90) Benzo(b)fluoranthene

23.733min (+ 0.012) 34.64 ng/ul m

response 2228671

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.82
125.00	6.20	4.84#
0.00	0.00	0.00

Quantitation Report (Qedit)

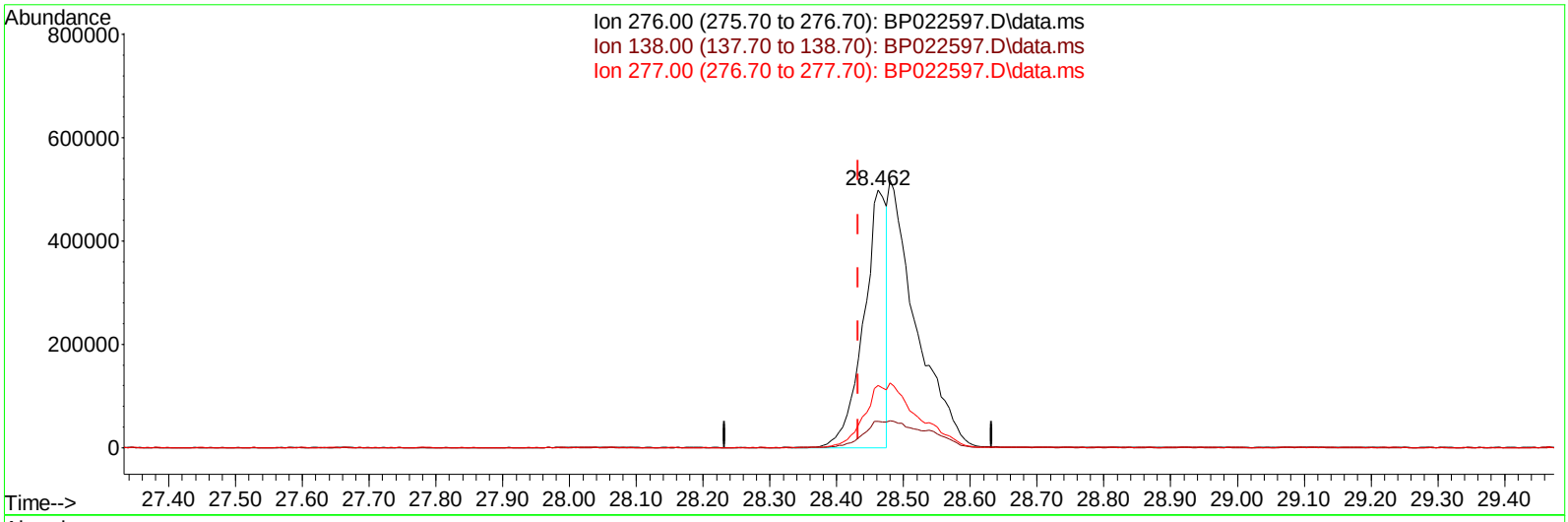
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

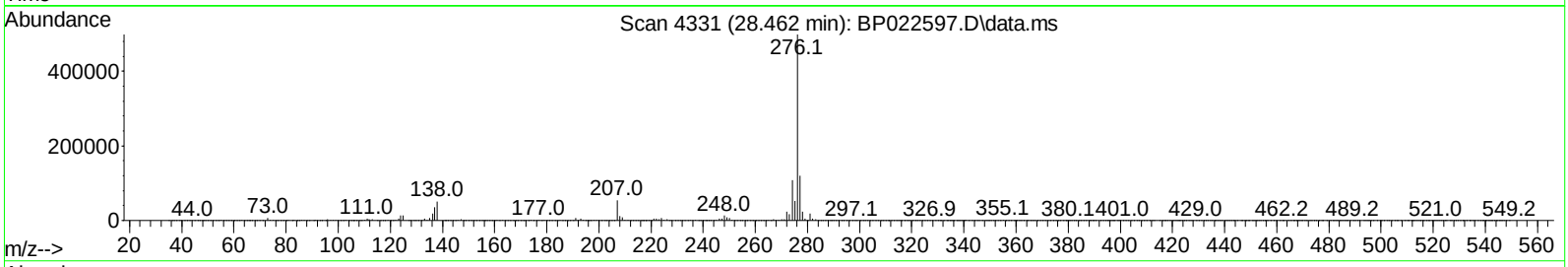
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

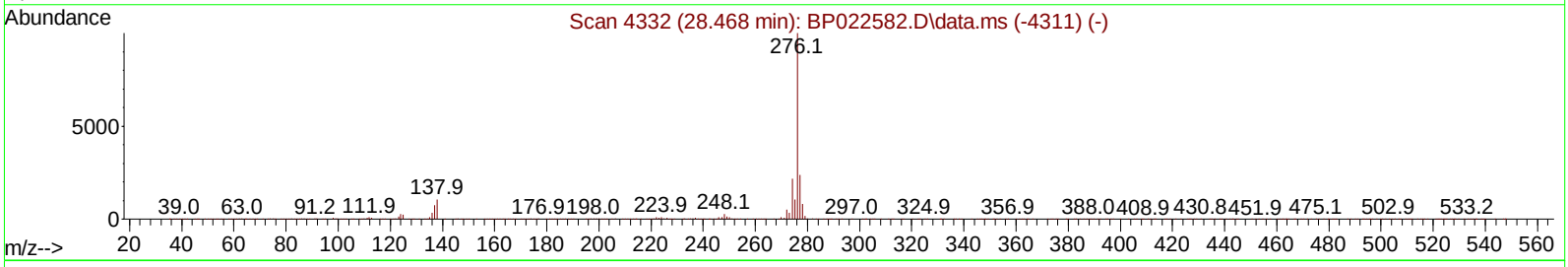
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

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

28.462min (+ 0.030) 15.01 ng/ul

response 1185860

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.29
277.00	23.20	24.14
0.00	0.00	0.00

Quantitation Report (Qedit)

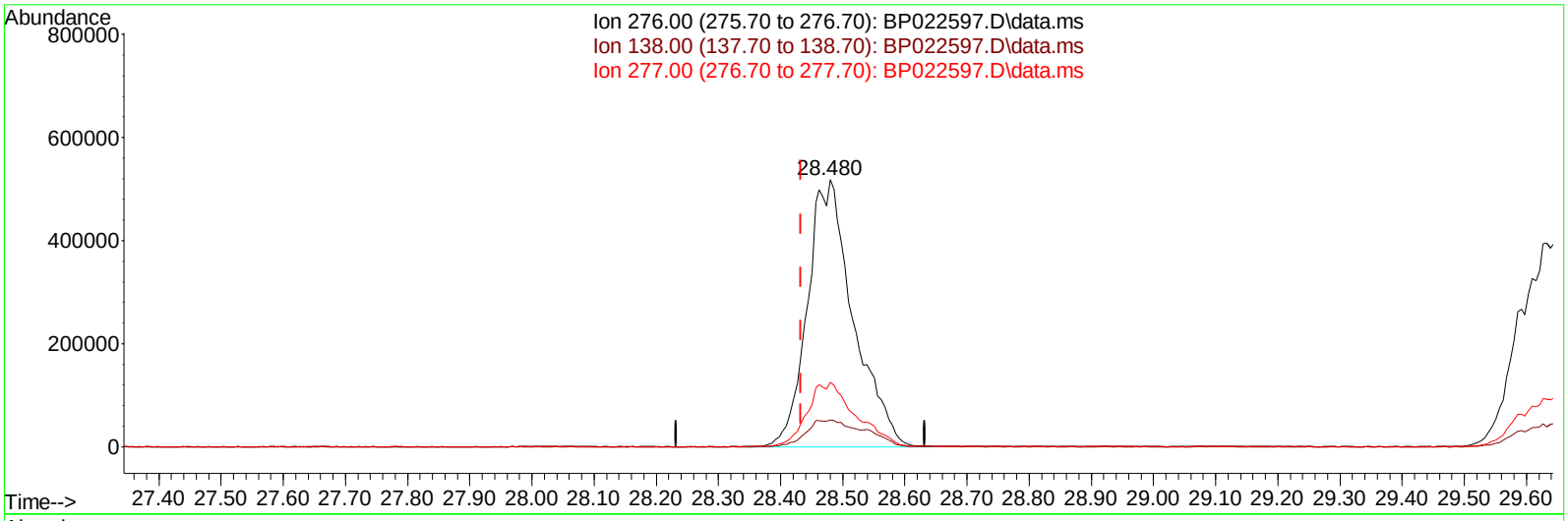
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

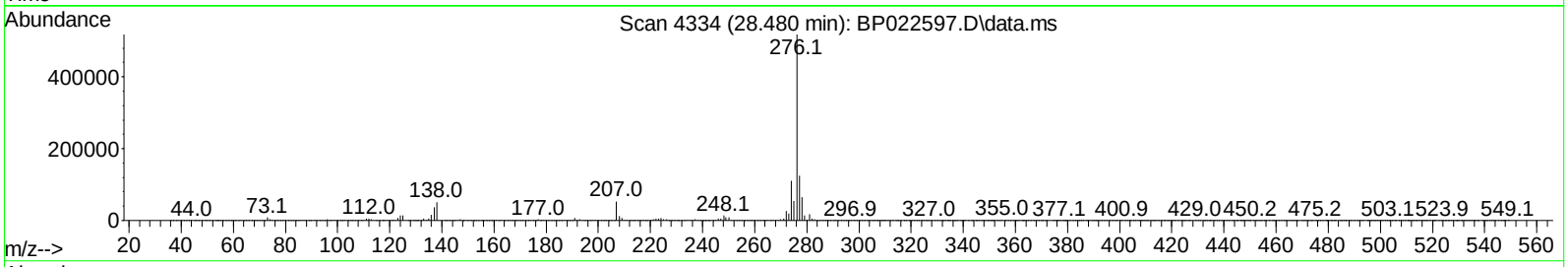
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

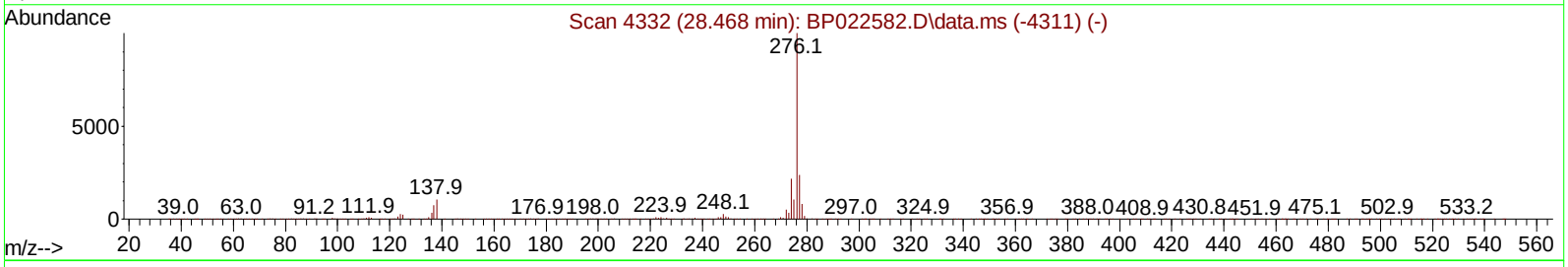
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

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

28.480min (+ 0.047) 33.65 ng/ul m

response 2659381

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.93
277.00	23.20	24.21
0.00	0.00	0.00

Quantitation Report (Qedit)

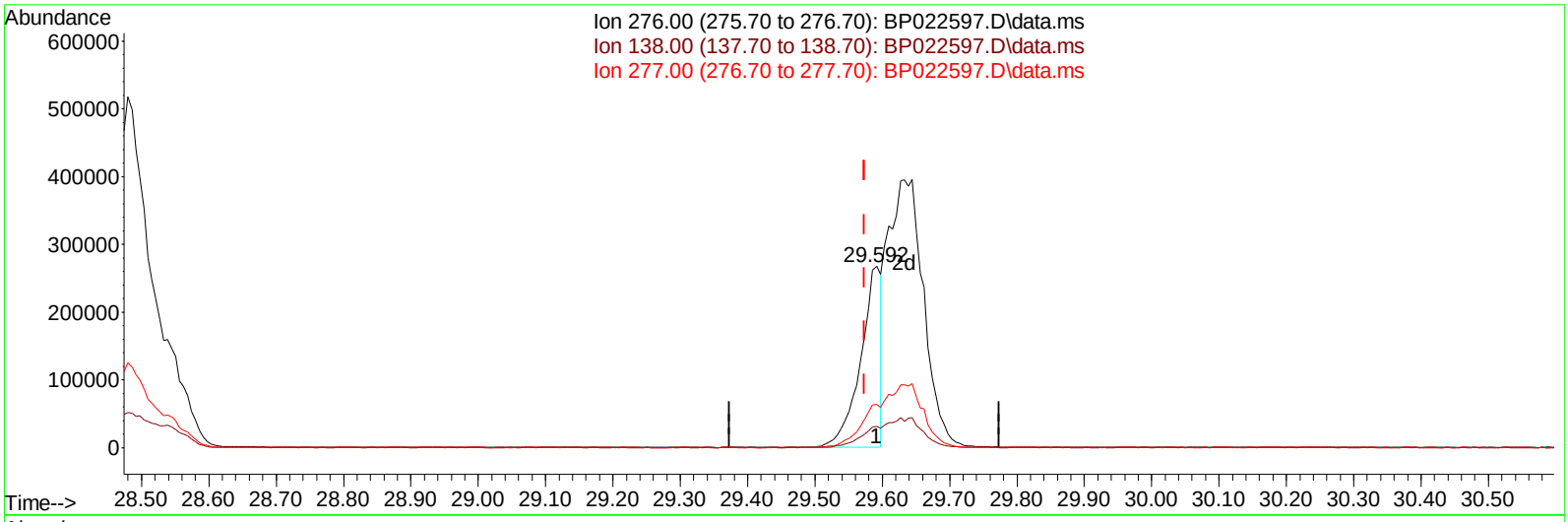
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

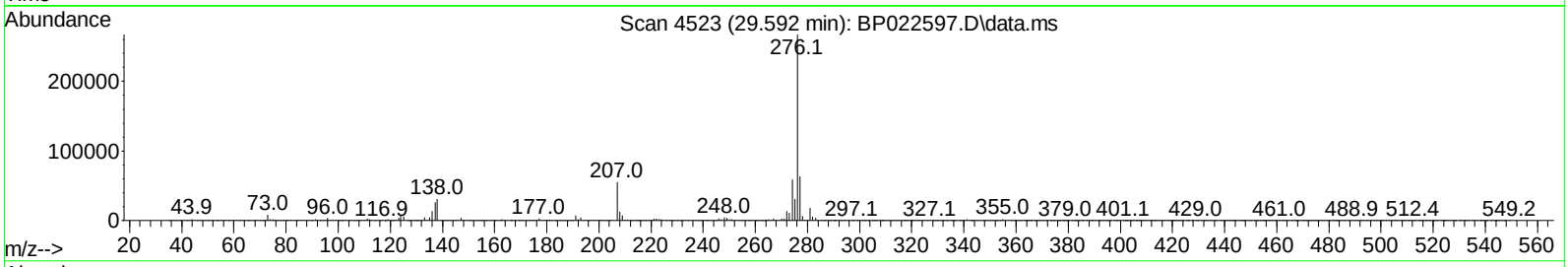
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

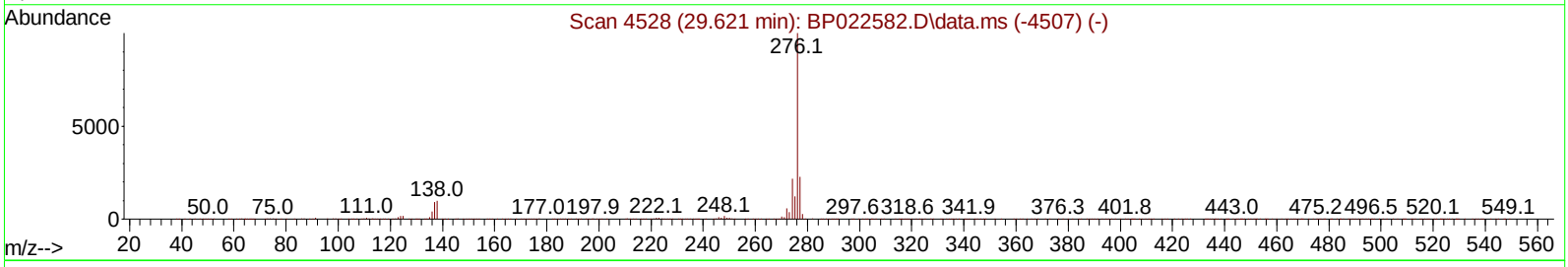
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

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

29.592min (+ 0.018) 9.33 ng/ul

response 573299

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	11.59
277.00	23.70	23.73
0.00	0.00	0.00

Quantitation Report (Qedit)

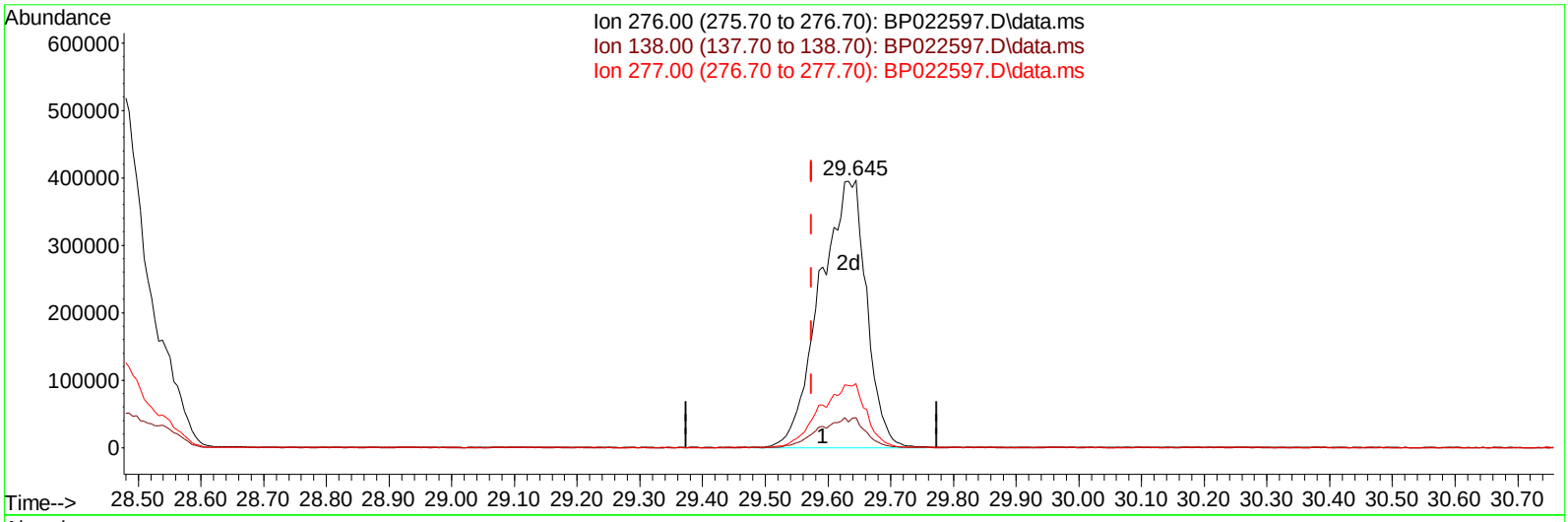
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

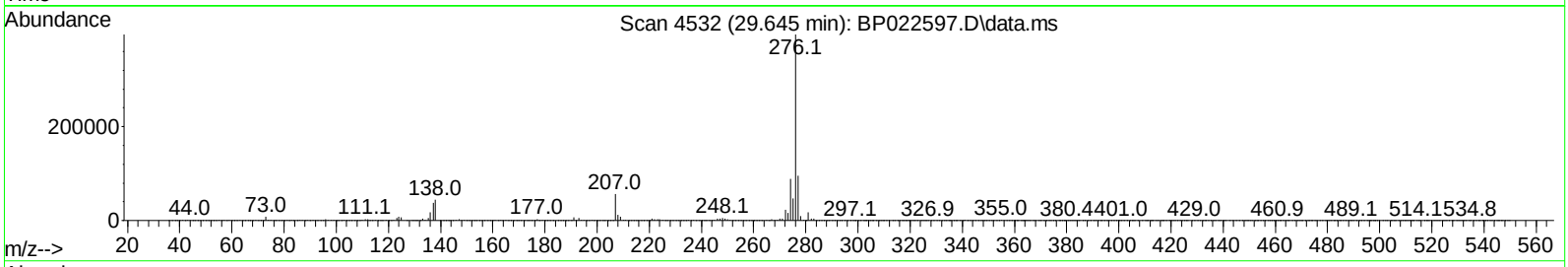
Quant Time: Oct 24 23:27:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration

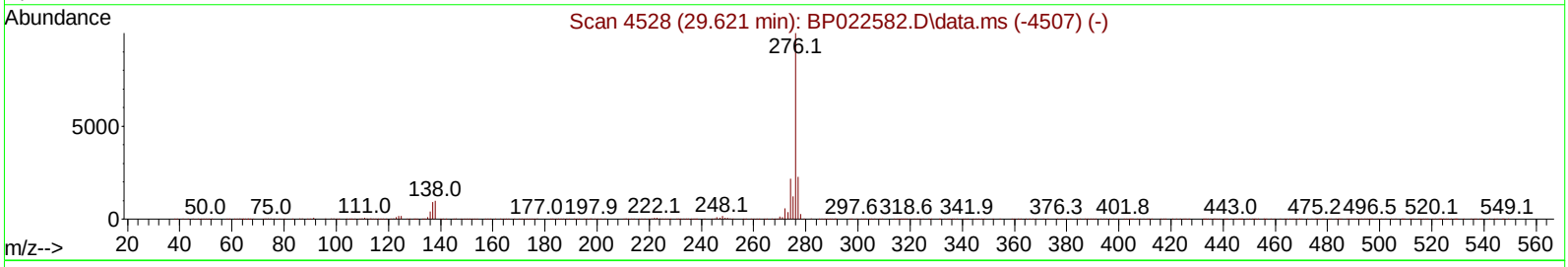
Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024







TIC: BP022597.D\data.ms

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

29.645min (+ 0.071) 33.11 ng/ul m

response 2035187

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	11.27
277.00	23.70	23.93
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 23:37:03 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 :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	120852	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	448315	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.269	164	337675	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.063	188	810031	20.000	ng/ul	-0.02
79) Chrysene-d12	21.510	240	879515	20.000	ng/ul	0.01
88) Perylene-d12	24.762	264	1022254	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	13086	4.208	ng/uL	-0.01
4) Pyridine-d5	3.599	84	177291	20.766	ng/ul	-0.01
7) Phenol-d5	6.840	99	268331	26.377	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67	153508	25.674	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132	193063	26.746	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113	212181	26.135	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	95332	27.656	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	118437	29.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.040	165	248104	29.250	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	246673	24.612	ng/ul	-0.01
46) Dimethylphthalate-d6	13.675	166	749878	27.950	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	813130	28.535	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	105304	23.396	ng/ul	0.00
60) Fluorene-d10	15.269	176	654574	28.129	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.416	200	121218	22.753	ng/ul	0.00
73) Anthracene-d10	17.175	188	1064915	27.946	ng/ul	0.00
81) Pyrene-d10	19.551	212	1379099	29.651	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.539	264	1581808	28.974	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.222	88	37026	11.073	ng/uL	97
5) Pyridine	3.622	79	241994	27.644	ng/ul	97
6) Benzaldehyde	6.816	77	33391	6.074	ng/ul	100
8) Phenol	6.869	94	341728	32.287	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.087	93	254043	32.071	ng/ul	99
12) 2-Chlorophenol	7.228	128	250151	33.513	ng/ul	96
13) 2-Methylphenol	8.093	108	245234	31.927	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.163	45	291055	31.616	ng/ul	98
16) Acetophenone	8.463	105	410639	30.638	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.446	70	211699	31.176	ng/ul	97
18) 4-Methylphenol	8.416	108	268245	31.480	ng/ul	98
19) Hexachloroethane	8.710	117	113262	32.581	ng/ul	98
22) Nitrobenzene	8.834	77	330746	32.144	ng/ul	97
23) Isophorone	9.357	82	590474	32.007	ng/ul	98
25) 2-Nitrophenol	9.540	139	152070	35.357	ng/ul	97
26) 2,4-Dimethylphenol	9.604	107	295296	31.587	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.828	93	342930	32.738	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	282495	33.820	ng/ul	98
30) Naphthalene	10.457	128	784448	32.852	ng/ul	98
32) 4-Chloroaniline	10.569	127	171470	17.332	ng/ul	96
33) Hexachlorobutadiene	10.740	225	240325	34.137	ng/ul	98
34) Caprolactam	11.357	113	84408	31.345	ng/ul	92
35) 4-Chloro-3-methylphenol	11.704	107	306829	33.668	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 23:37:03 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 :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	583195	33.272	ng/ul	96
37) 1-Methylnaphthalene	12.287	142	578940	32.360	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.440	216	436762	34.981	ng/ul	95
40) Hexachlorocyclopentadiene	12.416	237	182470	23.987	ng/ul	97
41) 2,4,6-Trichlorophenol	12.693	196	278823	35.502	ng/ul	99
42) 2,4,5-Trichlorophenol	12.775	196	297005	35.516	ng/ul	98
43) 1,1'-Biphenyl	13.092	154	821372	33.747	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	674727	33.864	ng/ul	99
45) 2-Nitroaniline	13.351	65	198902	33.432	ng/ul	93
47) Dimethylphthalate	13.722	163	879210	32.887	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	184653	36.517	ng/ul	93
50) Acenaphthylene	13.987	152	983251	33.247	ng/ul	99
51) 3-Nitroaniline	14.181	138	157345	33.130	ng/ul	97
52) Acenaphthene	14.334	153	698414	33.397	ng/ul	100
53) 2,4-Dinitrophenol	14.404	184	121428	32.638	ng/ul	98
55) 4-Nitrophenol	14.516	109	161486	32.327	ng/ul	98
56) Dibenzofuran	14.675	168	1039675	33.097	ng/ul	97
57) 2,4-Dinitrotoluene	14.645	165	275959	35.120	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	271138	34.736	ng/ul	97
59) Diethylphthalate	15.104	149	863976	33.686	ng/ul	98
61) Fluorene	15.334	166	839469	32.797	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.334	204	476681	32.567	ng/ul	100
63) 4-Nitroaniline	15.369	138	184750	38.659	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.428	198	194589	33.910	ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	732785	33.781	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	339002	34.704	ng/ul	99
69) Hexachlorobenzene	16.357	284	414076	34.438	ng/ul	98
70) Atrazine	16.522	200	330569	36.662	ng/ul	96
71) Pentachlorophenol	16.716	266	259214	33.529	ng/ul	97
72) Phenanthrene	17.116	178	1458375	33.652	ng/ul	100
74) Anthracene	17.210	178	1427324	33.003	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	422538	34.259	ng/uL	98
76) Pentachlorobenzene	14.592	250	450847	33.067	ng/uL	99
77) Carbazole	17.492	167	1298755	33.939	ng/ul	99
78) Di-n-butylphthalate	18.080	149	1478510	34.918	ng/ul	99
80) Fluoranthene	19.204	202	1943712	36.352	ng/ul	100
82) Pyrene	19.586	202	2014929	35.159	ng/ul	99
83) Butylbenzylphthalate	20.533	149	732980	36.736	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.410	252	676427	32.264	ng/ul	99
85) Benzo(a)anthracene	21.492	228	2086146	33.835	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	1035846	36.168	ng/ul	99
87) Chrysene	21.551	228	1953153	34.164	ng/ul	99
89) Di-n-octyl phthalate	22.651	149	1784634	36.702	ng/ul	100
90) Benzo(b)fluoranthene	23.733	252	2228671m	34.635	ng/ul	
91) Benzo(k)fluoranthene	23.798	252	2235060	35.477	ng/ul	99
93) Benzo(a)pyrene	24.615	252	2024663	34.188	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.480	276	2659381m	33.651	ng/ul	
95) Dibenzo(a,h)anthracene	28.539	278	2120757	33.139	ng/ul	99
96) Benzo(g,h,i)perylene	29.645	276	2035187m	33.108	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102424\
Data File : BP022597.D
Acq On : 24 Oct 2024 21:58
Operator : RC/JU
Sample : P4435-03MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 24 23:37:03 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 :
BHK68MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024