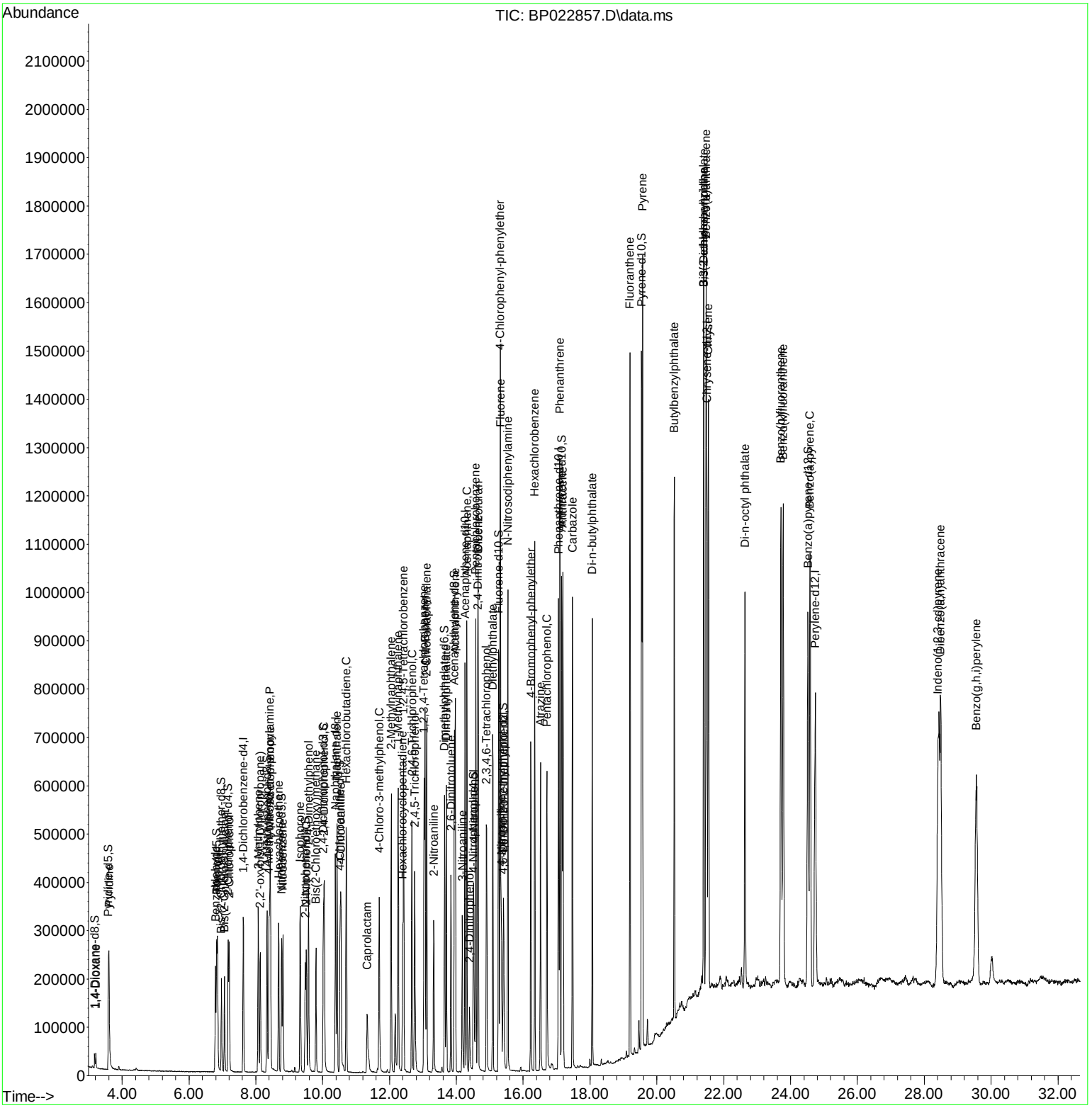
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	85128	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	323310	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	251524	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	614934	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	631250	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	754767	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15193m	6.935	ng/uL	0.00
4) Pyridine-d5	3.587	84	109494	18.207	ng/ul	0.00
7) Phenol-d5	6.828	99	140348	19.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	78711	18.689	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	109806	21.596	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	115079	20.123	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	53644	21.579	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	63257	21.979	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	136422	22.302	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	146097	20.213	ng/ul	-0.02
46) Dimethylphthalate-d6	13.646	166	406468	20.340	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	454517	21.414	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	61435	18.325	ng/ul	0.00
60) Fluorene-d10	15.269	176	369405	21.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	61026	15.089	ng/ul	0.00
73) Anthracene-d10	17.151	188	624569	21.590	ng/ul	-0.02
81) Pyrene-d10	19.539	212	765790	22.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	863482	21.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	15669	6.652	ng/uL	97
5) Pyridine	3.605	79	111281	18.047	ng/ul	93
6) Benzaldehyde	6.793	77	79516	20.534	ng/ul	98
8) Phenol	6.852	94	146065	19.592	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.064	93	108072	19.369	ng/ul	97
12) 2-Chlorophenol	7.205	128	111179	21.145	ng/ul	94
13) 2-Methylphenol	8.075	108	109317	20.204	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	122011	18.815	ng/ul	99
16) Acetophenone	8.434	105	188571	19.973	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.416	70	95121	19.886	ng/ul	96
18) 4-Methylphenol	8.393	108	122252	20.368	ng/ul	95
19) Hexachloroethane	8.681	117	50567	20.650	ng/ul	99
22) Nitrobenzene	8.810	77	147476	19.874	ng/ul	99
23) Isophorone	9.328	82	263704	19.821	ng/ul	96
25) 2-Nitrophenol	9.510	139	68434	22.063	ng/ul	98
26) 2,4-Dimethylphenol	9.575	107	144237	21.394	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.799	93	147014	19.461	ng/ul	98
29) 2,4-Dichlorophenol	10.046	162	134387	22.309	ng/ul	98
30) Naphthalene	10.428	128	368261	21.385	ng/ul	100
32) 4-Chloroaniline	10.546	127	147521	20.676	ng/ul	99
33) Hexachlorobutadiene	10.704	225	111965	22.053	ng/ul	99
34) Caprolactam	11.328	113	35848	18.459	ng/ul	90
35) 4-Chloro-3-methylphenol	11.693	107	141976	21.602	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	272958	21.594	ng/ul	97
37) 1-Methylnaphthalene	12.257	142	271937	21.077	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.422	216	203378	21.868	ng/ul	95
40) Hexachlorocyclopentadiene	12.393	237	86193	15.211	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	127682	21.826	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	143594	23.052	ng/ul	95
43) 1,1'-Biphenyl	13.063	154	386769	21.333	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	316329	21.314	ng/ul	98
45) 2-Nitroaniline	13.322	65	89362	20.165	ng/ul	95
47) Dimethylphthalate	13.698	163	395951	19.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	85335	22.656	ng/ul	97
50) Acenaphthylene	13.969	152	471635	21.410	ng/ul	98
51) 3-Nitroaniline	14.181	138	72472	20.486	ng/ul	97
52) Acenaphthene	14.316	153	335180	21.517	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	37314	13.465	ng/ul	96
55) 4-Nitrophenol	14.516	109	71139	19.119	ng/ul	91
56) Dibenzofuran	14.651	168	510379	21.812	ng/ul	98
57) 2,4-Dinitrotoluene	14.640	165	131873	22.531	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	130925	22.518	ng/ul#	96
59) Diethylphthalate	15.087	149	394465	20.648	ng/ul	98
61) Fluorene	15.322	166	410806	21.547	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.310	204	234043	21.467	ng/ul	99
63) 4-Nitroaniline	15.345	138	79335	22.287	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.416	198	67290	15.447	ng/ul	99
67) N-Nitrosodiphenylamine	15.540	169	351503	21.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	167040	22.525	ng/ul	97
69) Hexachlorobenzene	16.345	284	208542	22.847	ng/ul	98
70) Atrazine	16.522	200	144437	21.101	ng/ul	94
71) Pentachlorophenol	16.710	266	125360	21.359	ng/ul	98
72) Phenanthrene	17.098	178	701953	21.336	ng/ul	99
74) Anthracene	17.186	178	699455	21.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	206158	22.018	ng/uL	95
76) Pentachlorobenzene	14.581	250	231098	22.327	ng/uL	96
77) Carbazole	17.475	167	611983	21.066	ng/ul	99
78) Di-n-butylphthalate	18.069	149	668593	20.800	ng/ul	99
80) Fluoranthene	19.192	202	875963	22.826	ng/ul	99
82) Pyrene	19.569	202	934634	22.723	ng/ul	97
83) Butylbenzylphthalate	20.522	149	318438	22.237	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	297864	19.795	ng/ul	99
85) Benzo(a)anthracene	21.469	228	924379	20.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	429393	20.889	ng/ul	99
87) Chrysene	21.539	228	859424	20.945	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	727141	20.254	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	990169	20.841	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	978040m	21.026	ng/ul	
93) Benzo(a)pyrene	24.580	252	900333	20.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.409	276	1215717m	20.835	ng/ul	
95) Dibenzo(a,h)anthracene	28.486	278	985053	20.848	ng/ul#	98
96) Benzo(g,h,i)perylene	29.562	276	933344m	20.565	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	85128	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	323310	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	251524	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	614934	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	631250	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	754767	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15193m	6.935	ng/uL	0.00
4) Pyridine-d5	3.587	84	109494	18.207	ng/ul	0.00
7) Phenol-d5	6.828	99	140348	19.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	78711	18.689	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	109806	21.596	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	115079	20.123	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	53644	21.579	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	63257	21.979	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	136422	22.302	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	146097	20.213	ng/ul	-0.02
46) Dimethylphthalate-d6	13.646	166	406468	20.340	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	454517	21.414	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	61435	18.325	ng/ul	0.00
60) Fluorene-d10	15.269	176	369405	21.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	61026	15.089	ng/ul	0.00
73) Anthracene-d10	17.151	188	624569	21.590	ng/ul	-0.02
81) Pyrene-d10	19.539	212	765790	22.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	863482	21.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	15669	6.652	ng/uL	97
5) Pyridine	3.605	79	111281	18.047	ng/ul	93
6) Benzaldehyde	6.793	77	79516	20.534	ng/ul	98
8) Phenol	6.852	94	146065	19.592	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.064	93	108072	19.369	ng/ul	97
12) 2-Chlorophenol	7.205	128	111179	21.145	ng/ul	94
13) 2-Methylphenol	8.075	108	109317	20.204	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	122011	18.815	ng/ul	99
16) Acetophenone	8.434	105	188571	19.973	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.416	70	95121	19.886	ng/ul	96
18) 4-Methylphenol	8.393	108	122252	20.368	ng/ul	95
19) Hexachloroethane	8.681	117	50567	20.650	ng/ul	99
22) Nitrobenzene	8.810	77	147476	19.874	ng/ul	99
23) Isophorone	9.328	82	263704	19.821	ng/ul	96
25) 2-Nitrophenol	9.510	139	68434	22.063	ng/ul	98
26) 2,4-Dimethylphenol	9.575	107	144237	21.394	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.799	93	147014	19.461	ng/ul	98
29) 2,4-Dichlorophenol	10.046	162	134387	22.309	ng/ul	98
30) Naphthalene	10.428	128	368261	21.385	ng/ul	100
32) 4-Chloroaniline	10.546	127	147521	20.676	ng/ul	99
33) Hexachlorobutadiene	10.704	225	111965	22.053	ng/ul	99
34) Caprolactam	11.328	113	35848	18.459	ng/ul	90
35) 4-Chloro-3-methylphenol	11.693	107	141976	21.602	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	272958	21.594	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	271937	21.077	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.422	216	203378	21.868	ng/ul	95
40) Hexachlorocyclopentadiene	12.393	237	86193	15.211	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	127682	21.826	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	143594	23.052	ng/ul	95
43) 1,1'-Biphenyl	13.063	154	386769	21.333	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	316329	21.314	ng/ul	98
45) 2-Nitroaniline	13.322	65	89362	20.165	ng/ul	95
47) Dimethylphthalate	13.698	163	395951	19.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	85335	22.656	ng/ul	97
50) Acenaphthylene	13.969	152	471635	21.410	ng/ul	98
51) 3-Nitroaniline	14.181	138	72472	20.486	ng/ul	97
52) Acenaphthene	14.316	153	335180	21.517	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	37314	13.465	ng/ul	96
55) 4-Nitrophenol	14.516	109	71139	19.119	ng/ul	91
56) Dibenzofuran	14.651	168	510379	21.812	ng/ul	98
57) 2,4-Dinitrotoluene	14.640	165	131873	22.531	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	130925	22.518	ng/ul#	96
59) Diethylphthalate	15.087	149	394465	20.648	ng/ul	98
61) Fluorene	15.322	166	410806	21.547	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.310	204	234043	21.467	ng/ul	99
63) 4-Nitroaniline	15.345	138	79335	22.287	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.416	198	67290	15.447	ng/ul	99
67) N-Nitrosodiphenylamine	15.540	169	351503	21.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	167040	22.525	ng/ul	97
69) Hexachlorobenzene	16.345	284	208542	22.847	ng/ul	98
70) Atrazine	16.522	200	144437	21.101	ng/ul	94
71) Pentachlorophenol	16.710	266	125360	21.359	ng/ul	98
72) Phenanthrene	17.098	178	701953	21.336	ng/ul	99
74) Anthracene	17.186	178	699455	21.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	206158	22.018	ng/uL	95
76) Pentachlorobenzene	14.581	250	231098	22.327	ng/uL	96
77) Carbazole	17.475	167	611983	21.066	ng/ul	99
78) Di-n-butylphthalate	18.069	149	668593	20.800	ng/ul	99
80) Fluoranthene	19.192	202	875963	22.826	ng/ul	99
82) Pyrene	19.569	202	934634	22.723	ng/ul	97
83) Butylbenzylphthalate	20.522	149	318438	22.237	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	297864	19.795	ng/ul	99
85) Benzo(a)anthracene	21.469	228	924379	20.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	429393	20.889	ng/ul	99
87) Chrysene	21.539	228	859424	20.945	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	727141	20.254	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	990169	20.841	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	978040m	21.026	ng/ul	
93) Benzo(a)pyrene	24.580	252	900333	20.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.409	276	1215717m	20.835	ng/ul	
95) Dibenzo(a,h)anthracene	28.486	278	985053	20.848	ng/ul#	98
96) Benzo(g,h,i)perylene	29.562	276	933344m	20.565	ng/ul	

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

Quantitation Report (Qedit)

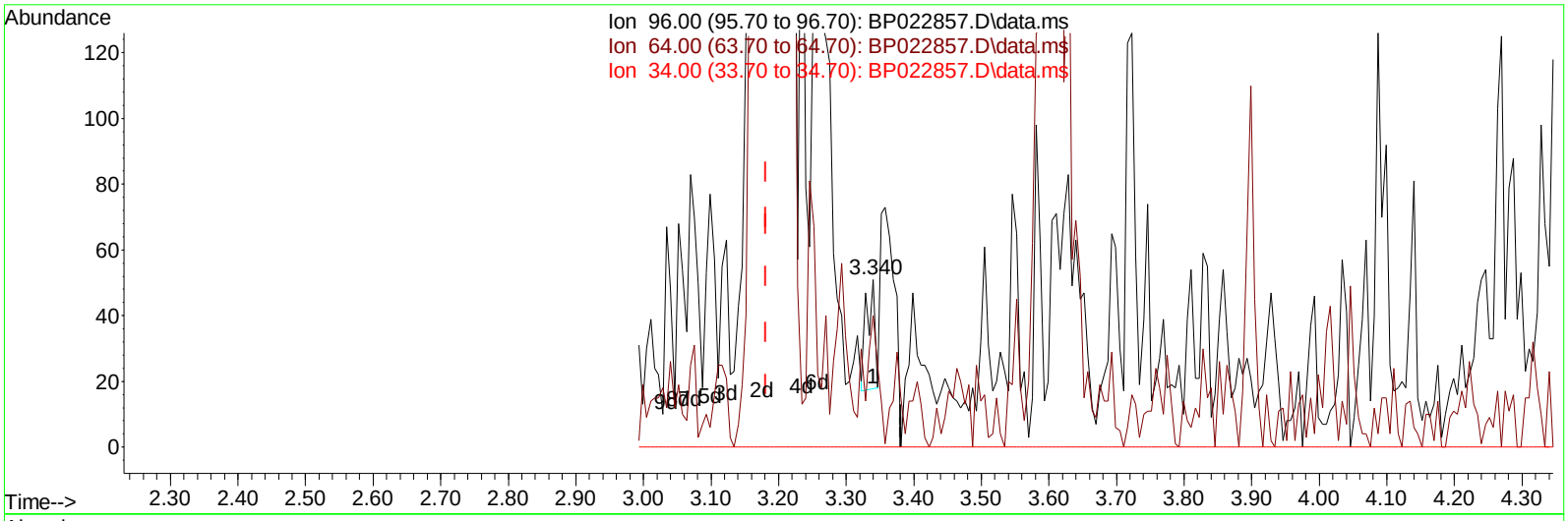
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

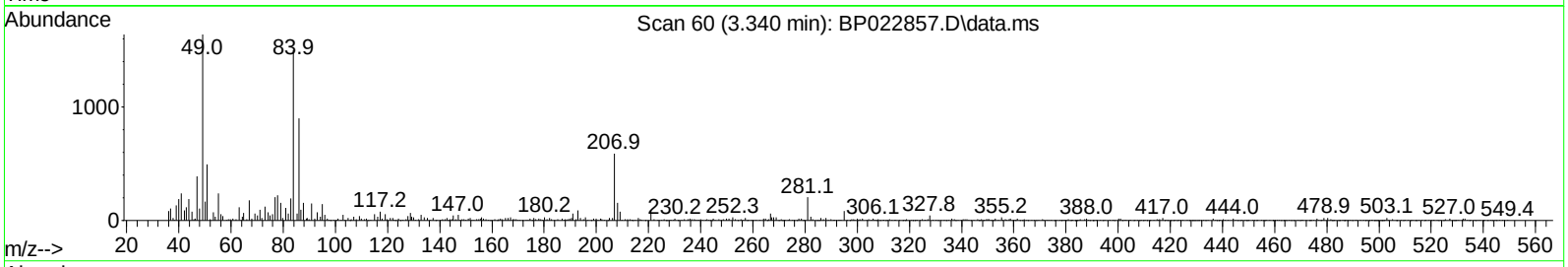
Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

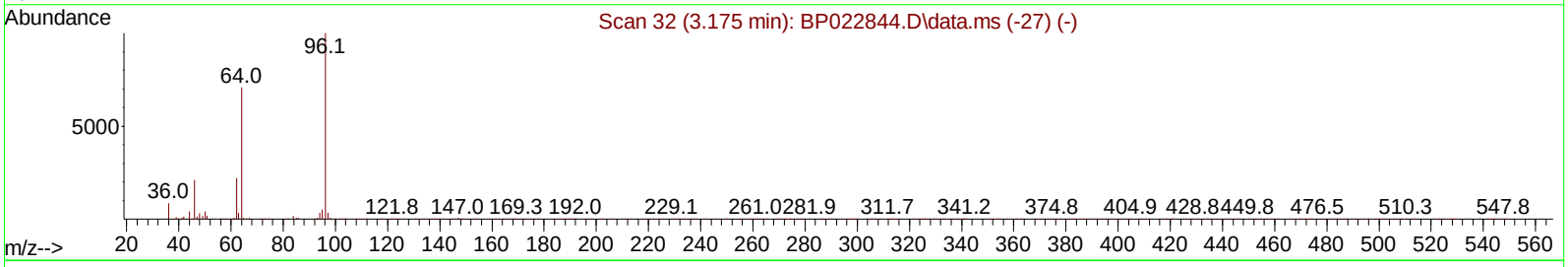
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.340min (+ 0.159) 0.01 ng/uL

response 28

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	78.43
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

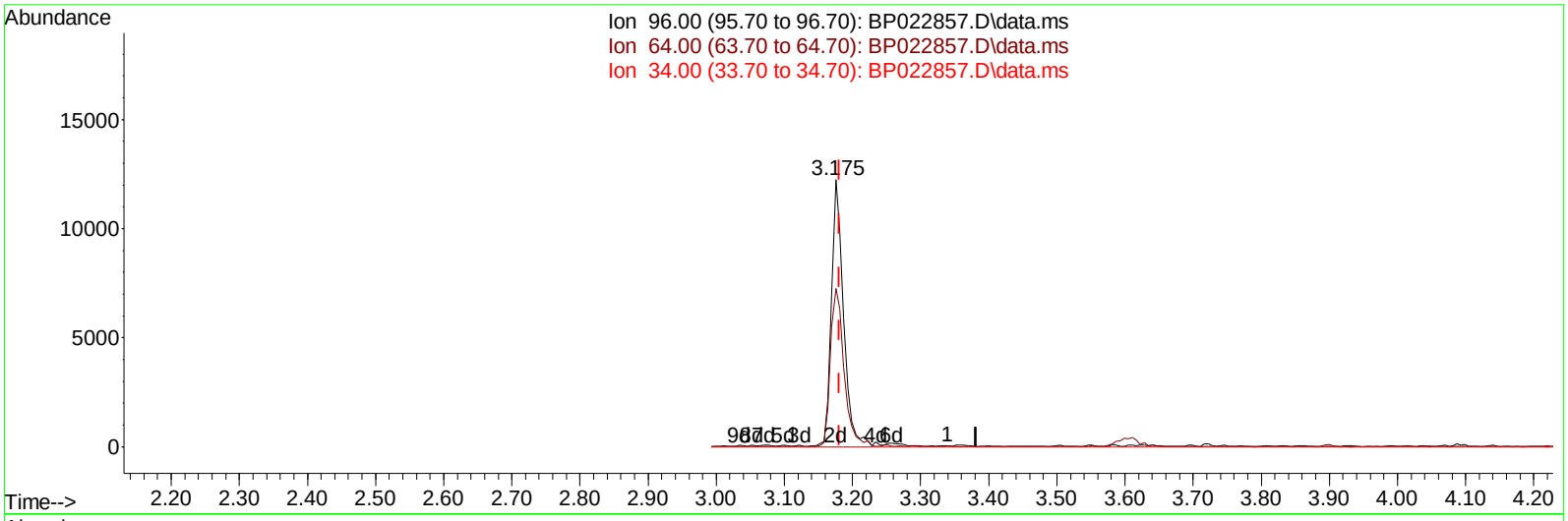
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

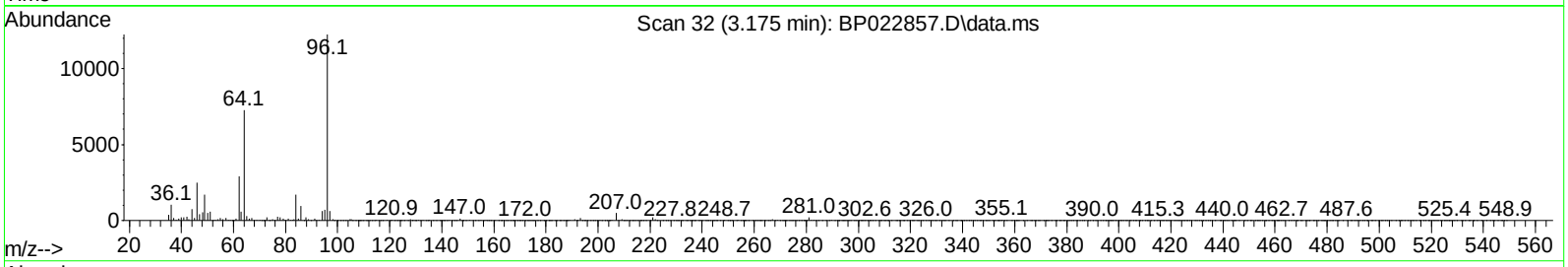
Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

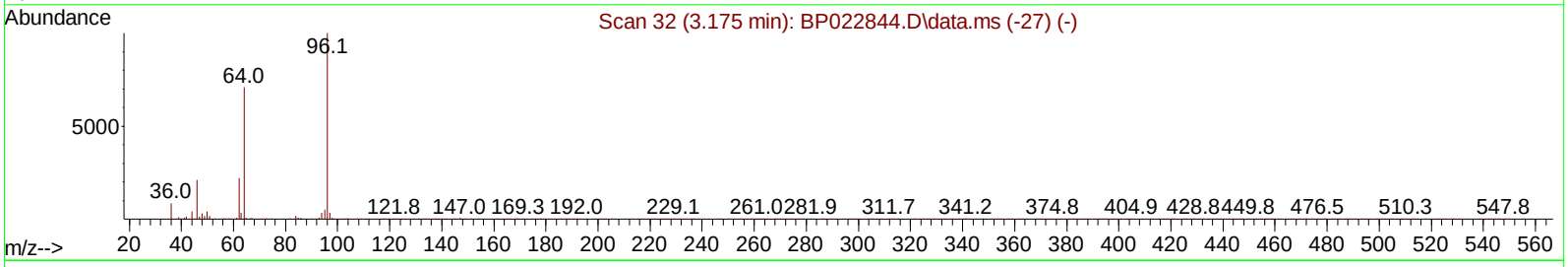
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.006) 6.94 ng/uL m

response 15193

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	59.42#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

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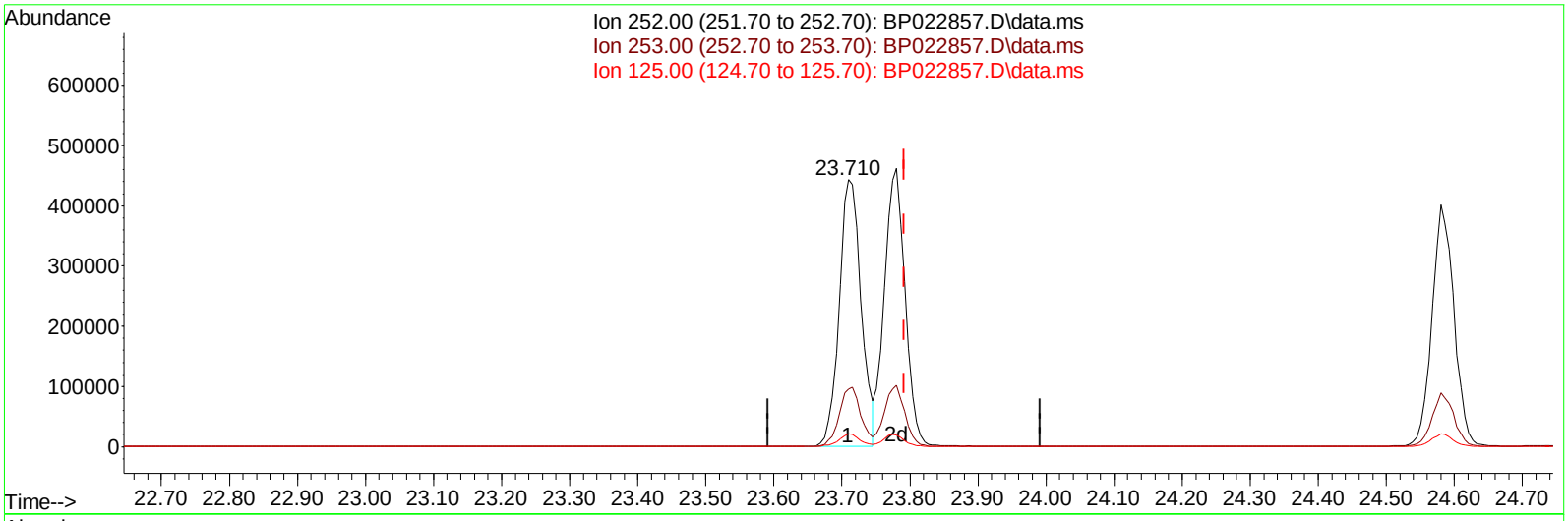
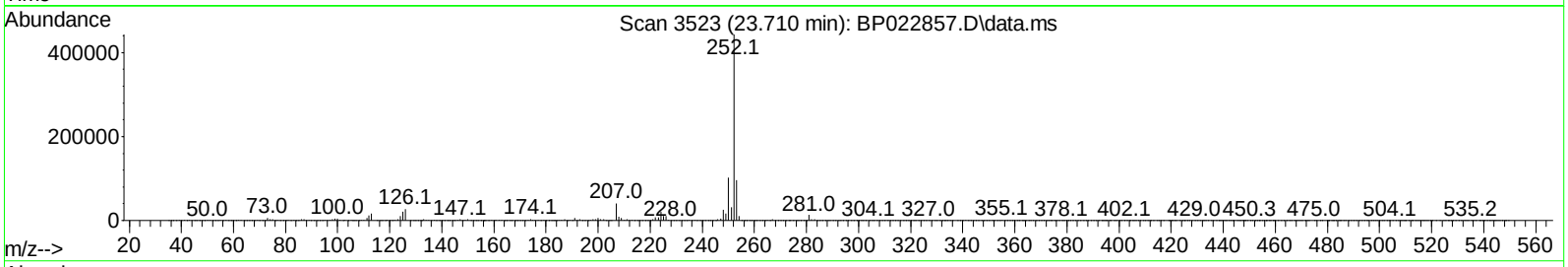
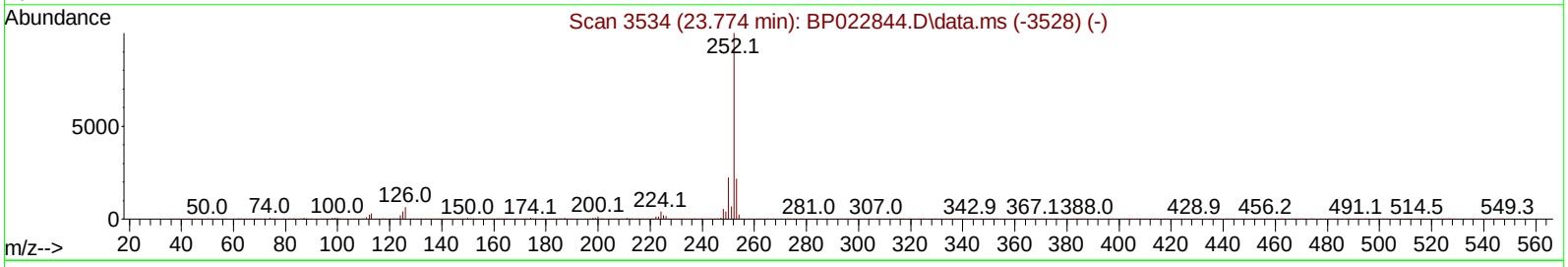






TIC: BP022857.D\data.ms

(91) Benzo(k)fluoranthene

23.710min (-0.082) 21.29 ng/ul

response 990169

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	21.55
125.00	5.70	4.89
0.00	0.00	0.00

Quantitation Report (Qedit)

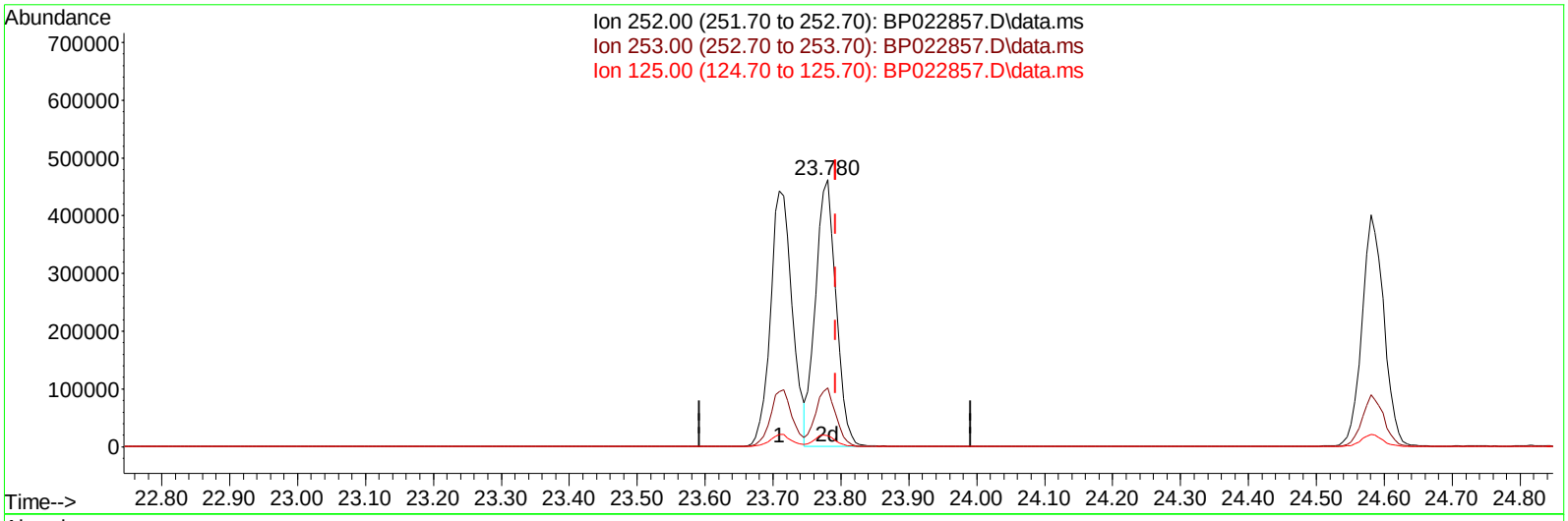
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

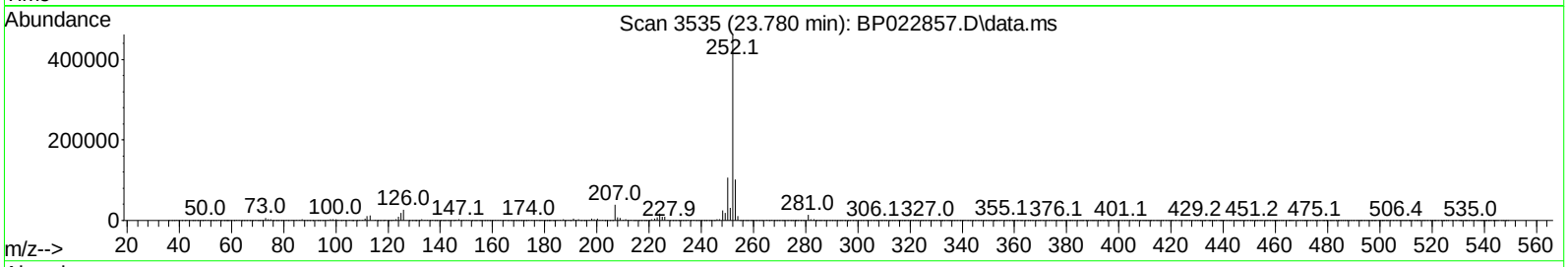
Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

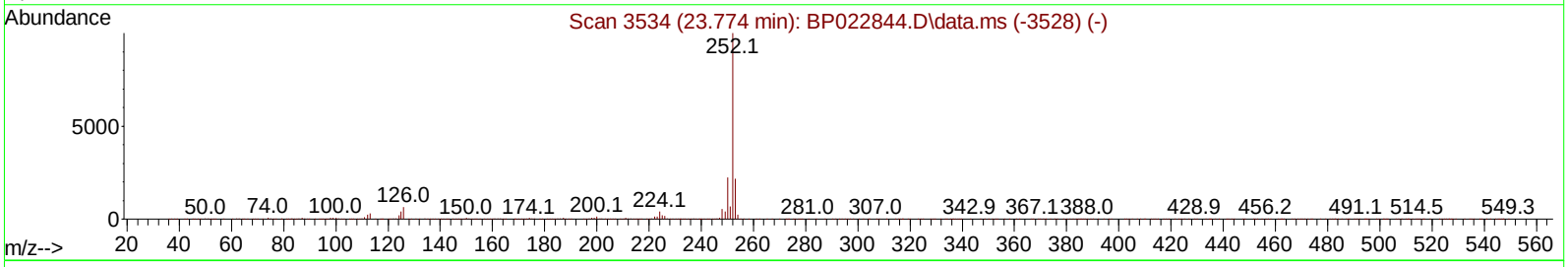
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

(91) Benzo(k)fluoranthene

23.780min (-0.012) 21.03 ng/ul m

response 978040

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.03
125.00	5.70	4.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

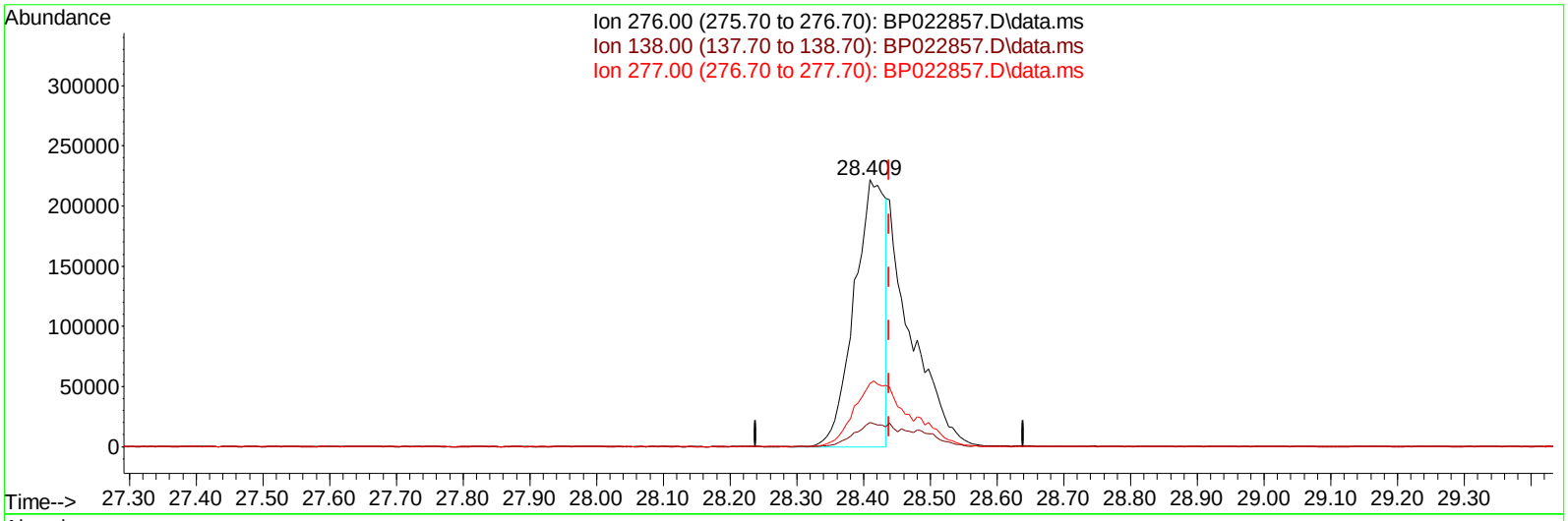
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

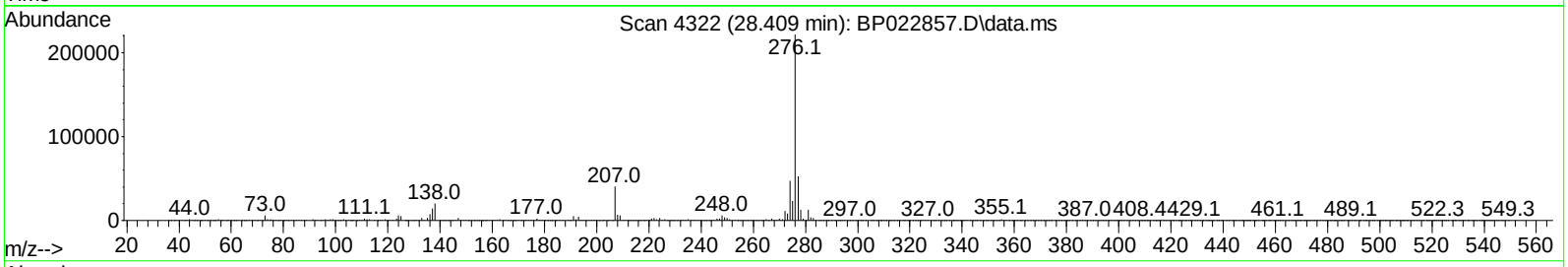
Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

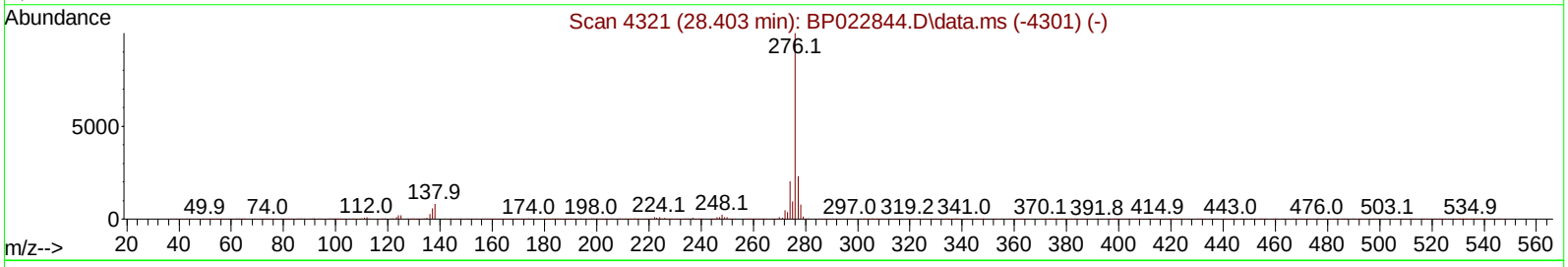
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

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

28.409min (-0.029) 12.18 ng/ul

response 710637

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.00#
277.00	23.20	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

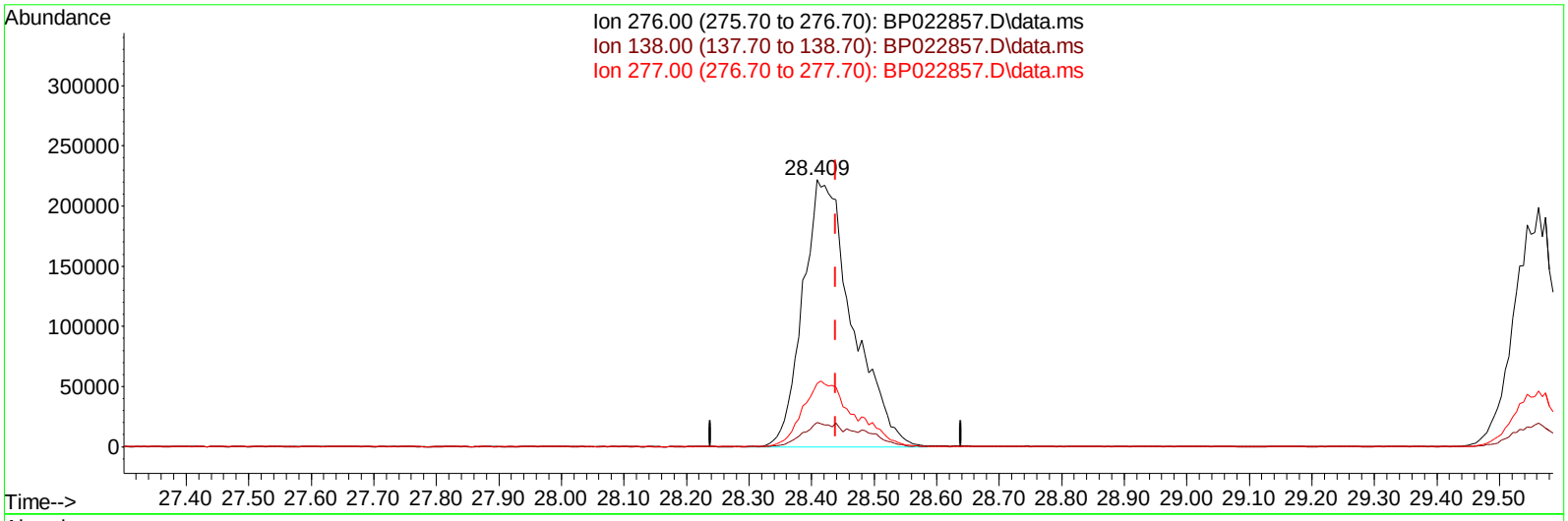
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

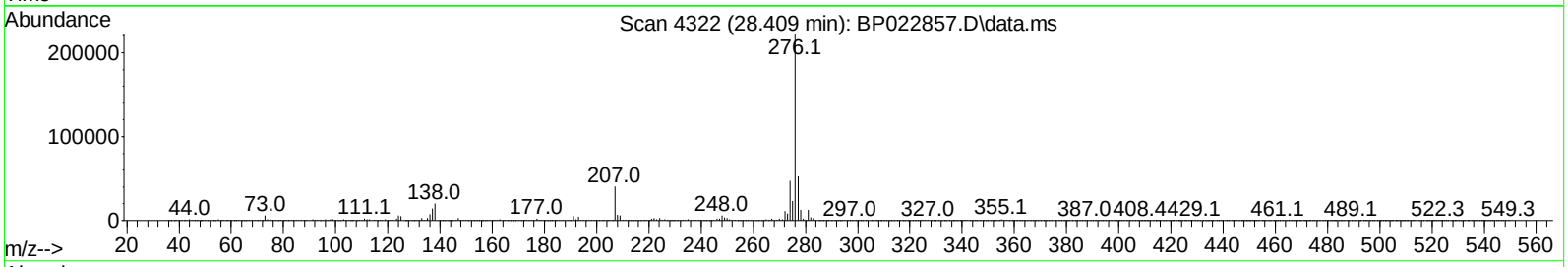
Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

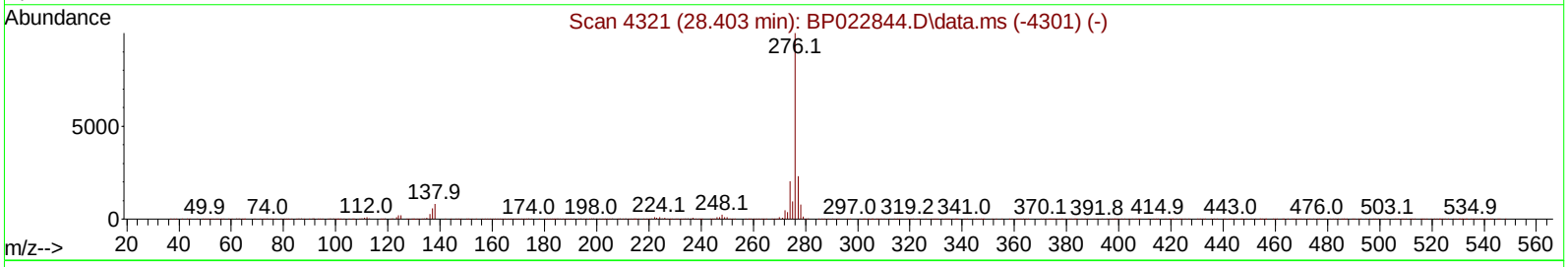
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

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

28.409min (-0.029) 20.83 ng/ul m

response 1215717

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.00#
277.00	23.20	23.77
0.00	0.00	0.00

Quantitation Report (Qedit)

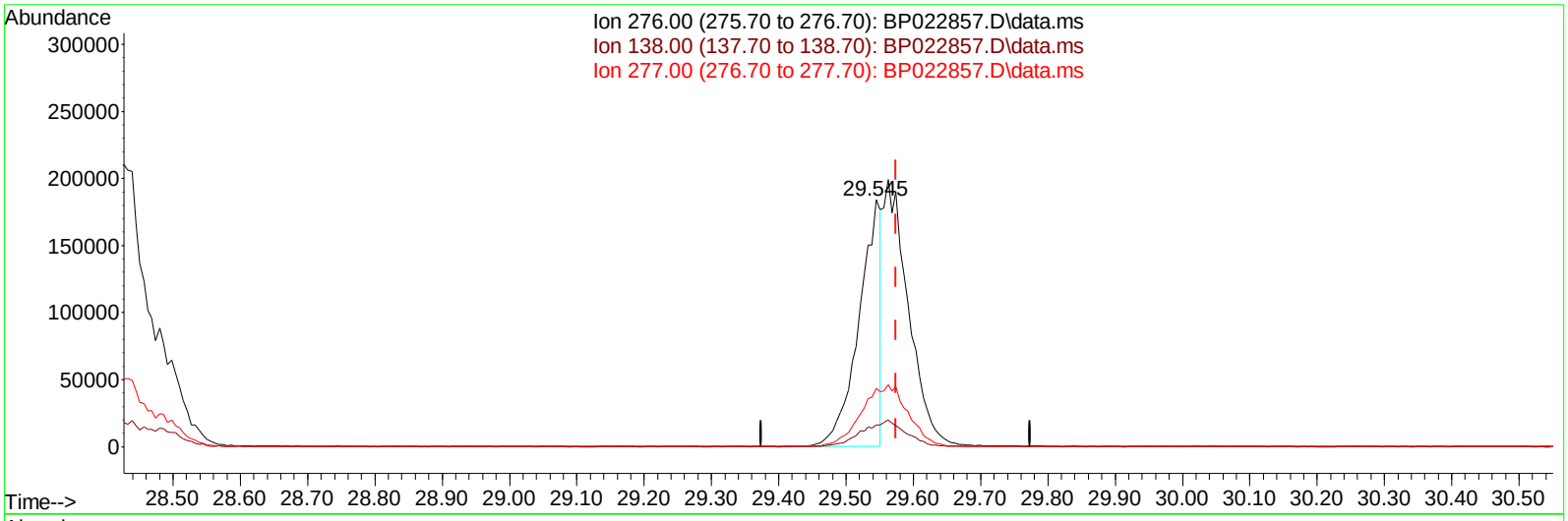
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

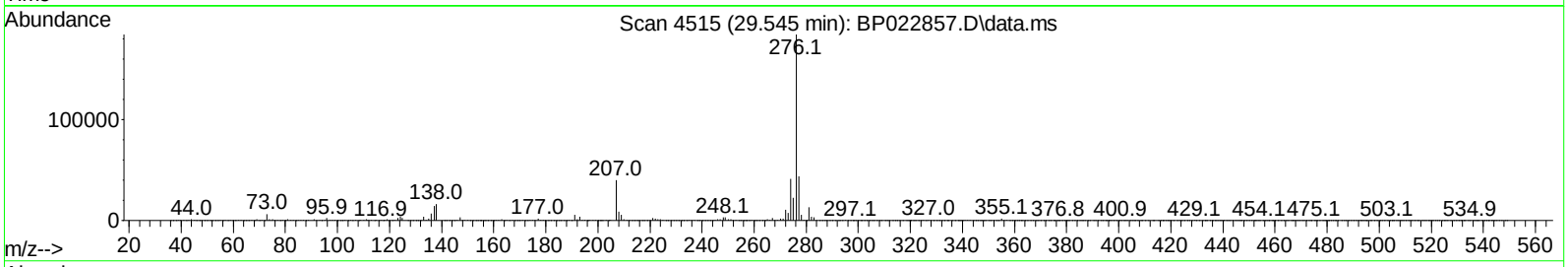
Quant Time: Nov 05 13:02:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

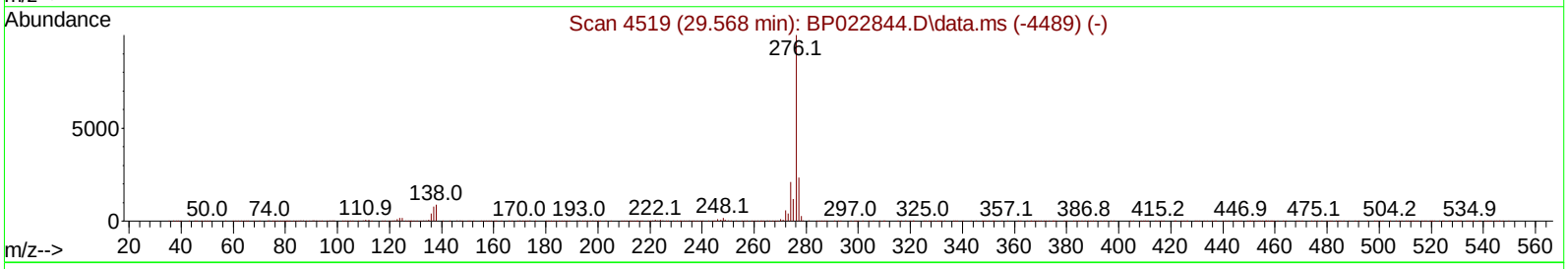
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

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

29.545min (-0.029) 9.23 ng/ul

response 418762

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.88
277.00	23.70	23.61
0.00	0.00	0.00

Quantitation Report (Qedit)

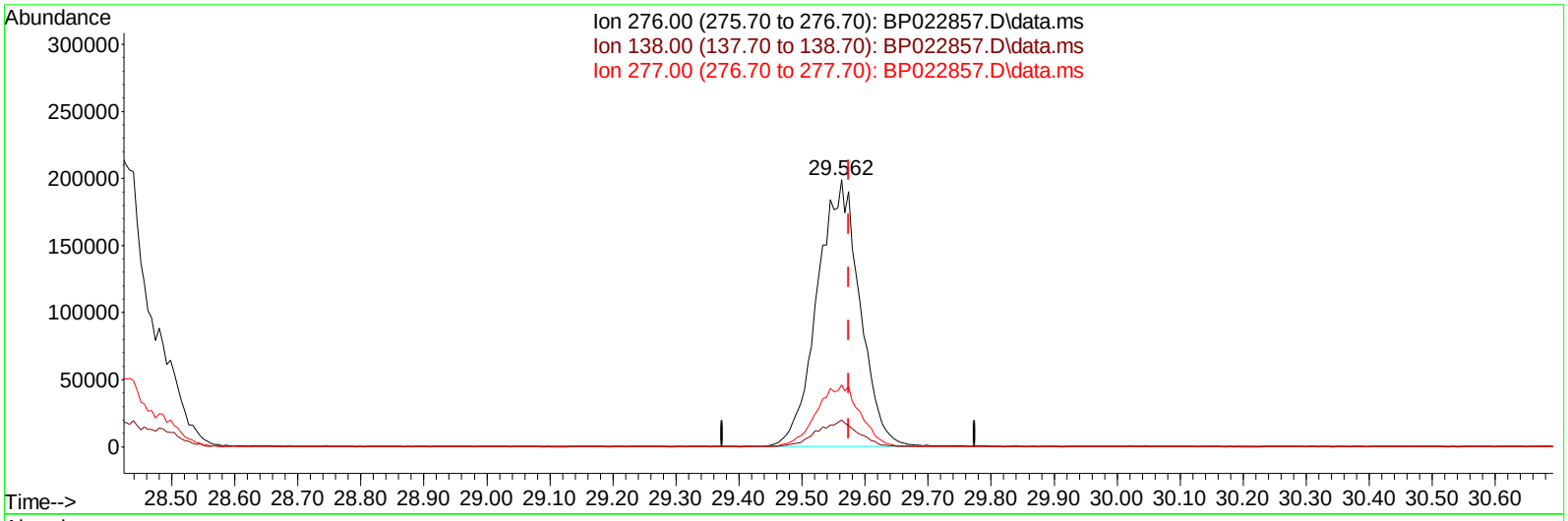
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

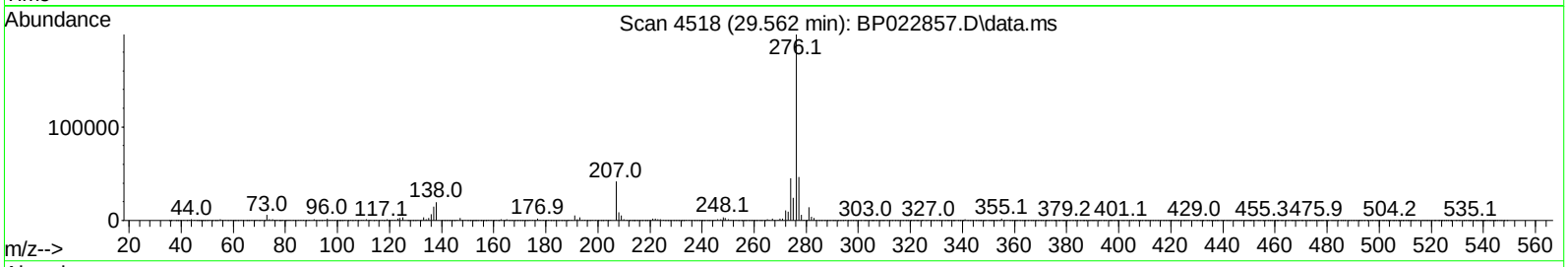
Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

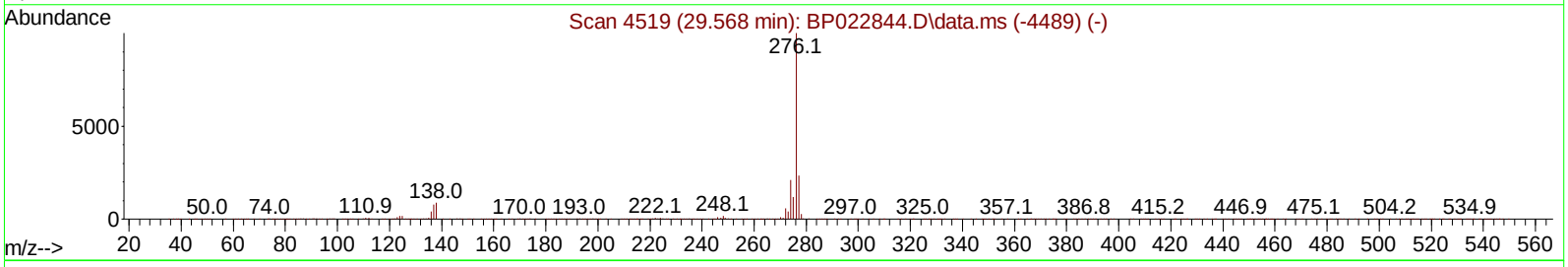
Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BP022857.D\data.ms

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

29.562min (-0.012) 20.56 ng/ul m

response 933344

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.93
277.00	23.70	23.34
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	85128	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.381	136	323310	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.257	164	251524	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	614934	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	631250	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	754767	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	15193m	6.935	ng/uL	0.00
4) Pyridine-d5	3.587	84	109494	18.207	ng/ul	0.00
7) Phenol-d5	6.828	99	140348	19.586	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	78711	18.689	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	109806	21.596	ng/ul	-0.01
15) 4-Methylphenol-d8	8.334	113	115079	20.123	ng/ul	-0.01
21) Nitrobenzene-d5	8.769	128	53644	21.579	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.481	143	63257	21.979	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.022	165	136422	22.302	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.522	131	146097	20.213	ng/ul	-0.02
46) Dimethylphthalate-d6	13.646	166	406468	20.340	ng/ul	-0.02
49) Acenaphthylene-d8	13.940	160	454517	21.414	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.504	143	61435	18.325	ng/ul	0.00
60) Fluorene-d10	15.269	176	369405	21.311	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	61026	15.089	ng/ul	0.00
73) Anthracene-d10	17.151	188	624569	21.590	ng/ul	-0.02
81) Pyrene-d10	19.539	212	765790	22.940	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.516	264	863482	21.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	15669	6.652	ng/uL	97
5) Pyridine	3.605	79	111281	18.047	ng/ul	93
6) Benzaldehyde	6.793	77	79516	20.534	ng/ul	98
8) Phenol	6.852	94	146065	19.592	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.064	93	108072	19.369	ng/ul	97
12) 2-Chlorophenol	7.205	128	111179	21.145	ng/ul	94
13) 2-Methylphenol	8.075	108	109317	20.204	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.134	45	122011	18.815	ng/ul	99
16) Acetophenone	8.434	105	188571	19.973	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.416	70	95121	19.886	ng/ul	96
18) 4-Methylphenol	8.393	108	122252	20.368	ng/ul	95
19) Hexachloroethane	8.681	117	50567	20.650	ng/ul	99
22) Nitrobenzene	8.810	77	147476	19.874	ng/ul	99
23) Isophorone	9.328	82	263704	19.821	ng/ul	96
25) 2-Nitrophenol	9.510	139	68434	22.063	ng/ul	98
26) 2,4-Dimethylphenol	9.575	107	144237	21.394	ng/ul	95
27) Bis(2-Chloroethoxy)met...	9.799	93	147014	19.461	ng/ul	98
29) 2,4-Dichlorophenol	10.046	162	134387	22.309	ng/ul	98
30) Naphthalene	10.428	128	368261	21.385	ng/ul	100
32) 4-Chloroaniline	10.546	127	147521	20.676	ng/ul	99
33) Hexachlorobutadiene	10.704	225	111965	22.053	ng/ul	99
34) Caprolactam	11.328	113	35848	18.459	ng/ul	90
35) 4-Chloro-3-methylphenol	11.693	107	141976	21.602	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.051	142	272958	21.594	ng/ul	97
37) 1-Methylnaphthalene	12.257	142	271937	21.077	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.422	216	203378	21.868	ng/ul	95
40) Hexachlorocyclopentadiene	12.393	237	86193	15.211	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	127682	21.826	ng/ul	99
42) 2,4,5-Trichlorophenol	12.751	196	143594	23.052	ng/ul	95
43) 1,1'-Biphenyl	13.063	154	386769	21.333	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	316329	21.314	ng/ul	98
45) 2-Nitroaniline	13.322	65	89362	20.165	ng/ul	95
47) Dimethylphthalate	13.698	163	395951	19.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.840	165	85335	22.656	ng/ul	97
50) Acenaphthylene	13.969	152	471635	21.410	ng/ul	98
51) 3-Nitroaniline	14.181	138	72472	20.486	ng/ul	97
52) Acenaphthene	14.316	153	335180	21.517	ng/ul	99
53) 2,4-Dinitrophenol	14.393	184	37314	13.465	ng/ul	96
55) 4-Nitrophenol	14.516	109	71139	19.119	ng/ul	91
56) Dibenzofuran	14.651	168	510379	21.812	ng/ul	98
57) 2,4-Dinitrotoluene	14.640	165	131873	22.531	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	130925	22.518	ng/ul#	96
59) Diethylphthalate	15.087	149	394465	20.648	ng/ul	98
61) Fluorene	15.322	166	410806	21.547	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.310	204	234043	21.467	ng/ul	99
63) 4-Nitroaniline	15.345	138	79335	22.287	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.416	198	67290	15.447	ng/ul	99
67) N-Nitrosodiphenylamine	15.540	169	351503	21.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	167040	22.525	ng/ul	97
69) Hexachlorobenzene	16.345	284	208542	22.847	ng/ul	98
70) Atrazine	16.522	200	144437	21.101	ng/ul	94
71) Pentachlorophenol	16.710	266	125360	21.359	ng/ul	98
72) Phenanthrene	17.098	178	701953	21.336	ng/ul	99
74) Anthracene	17.186	178	699455	21.304	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.034	216	206158	22.018	ng/uL	95
76) Pentachlorobenzene	14.581	250	231098	22.327	ng/uL	96
77) Carbazole	17.475	167	611983	21.066	ng/ul	99
78) Di-n-butylphthalate	18.069	149	668593	20.800	ng/ul	99
80) Fluoranthene	19.192	202	875963	22.826	ng/ul	99
82) Pyrene	19.569	202	934634	22.723	ng/ul	97
83) Butylbenzylphthalate	20.522	149	318438	22.237	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.398	252	297864	19.795	ng/ul	99
85) Benzo(a)anthracene	21.469	228	924379	20.889	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	429393	20.889	ng/ul	99
87) Chrysene	21.539	228	859424	20.945	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	727141	20.254	ng/ul	100
90) Benzo(b)fluoranthene	23.710	252	990169	20.841	ng/ul#	98
91) Benzo(k)fluoranthene	23.780	252	978040m	21.026	ng/ul	
93) Benzo(a)pyrene	24.580	252	900333	20.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.409	276	1215717m	20.835	ng/ul	
95) Dibenzo(a,h)anthracene	28.486	278	985053	20.848	ng/ul#	98
96) Benzo(g,h,i)perylene	29.562	276	933344m	20.565	ng/ul	

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

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110424\
Data File : BP022857.D
Acq On : 05 Nov 2024 11:54
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 37 Sample Multiplier: 1

Quant Time: Nov 05 13:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020700

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/08/2024