Quantitation Report (Qedit)

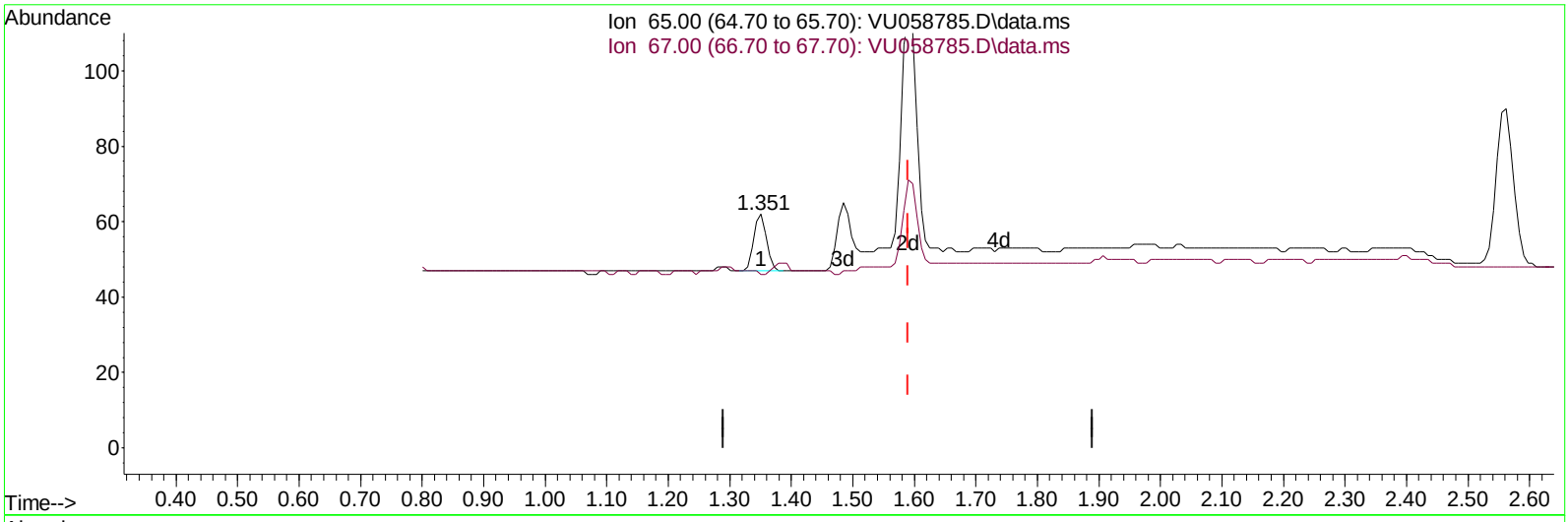
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042424\
Data File : VU058785.D
Acq On : 24 Apr 2024 09:35
Operator : MD/SY
Sample : VSTD0.0507
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

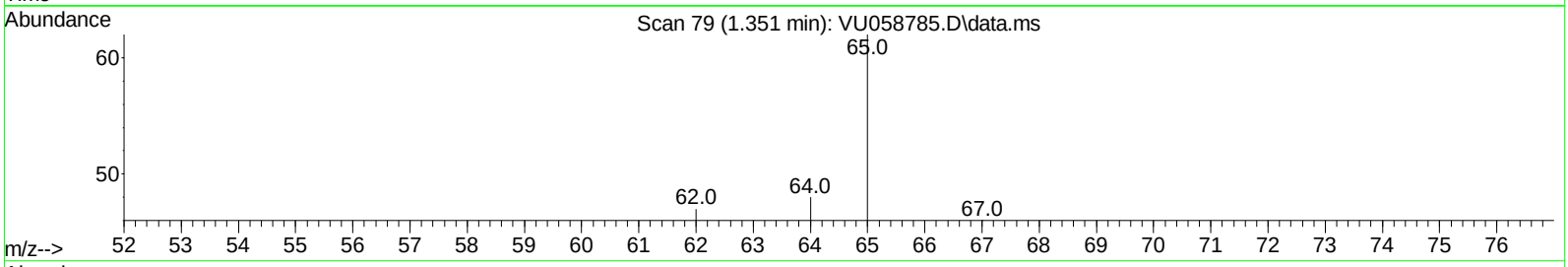
Quant Time: Apr 25 01:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM042424.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 01:24:31 2024
Response via : Initial Calibration

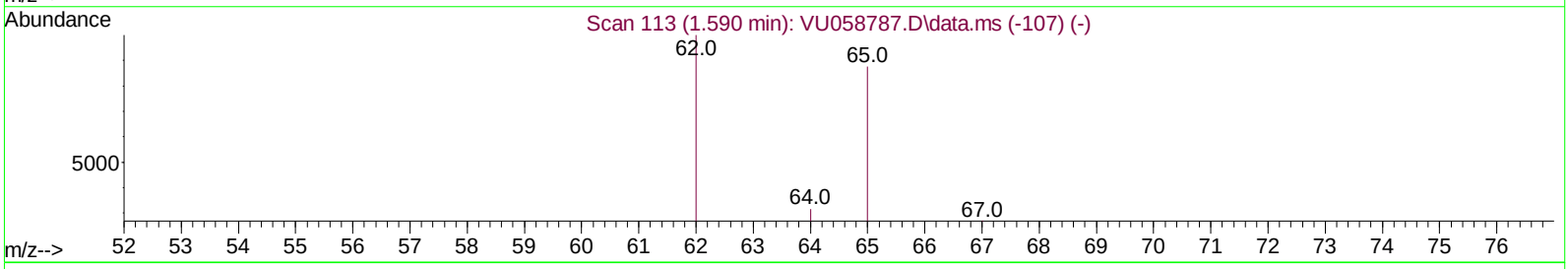
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: VU058785.D\data.ms

(2) Vinyl Chloride-d3 (S)

1.351min (-0.239) 0.01 ug/L

response 21

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	32.30	28.57
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

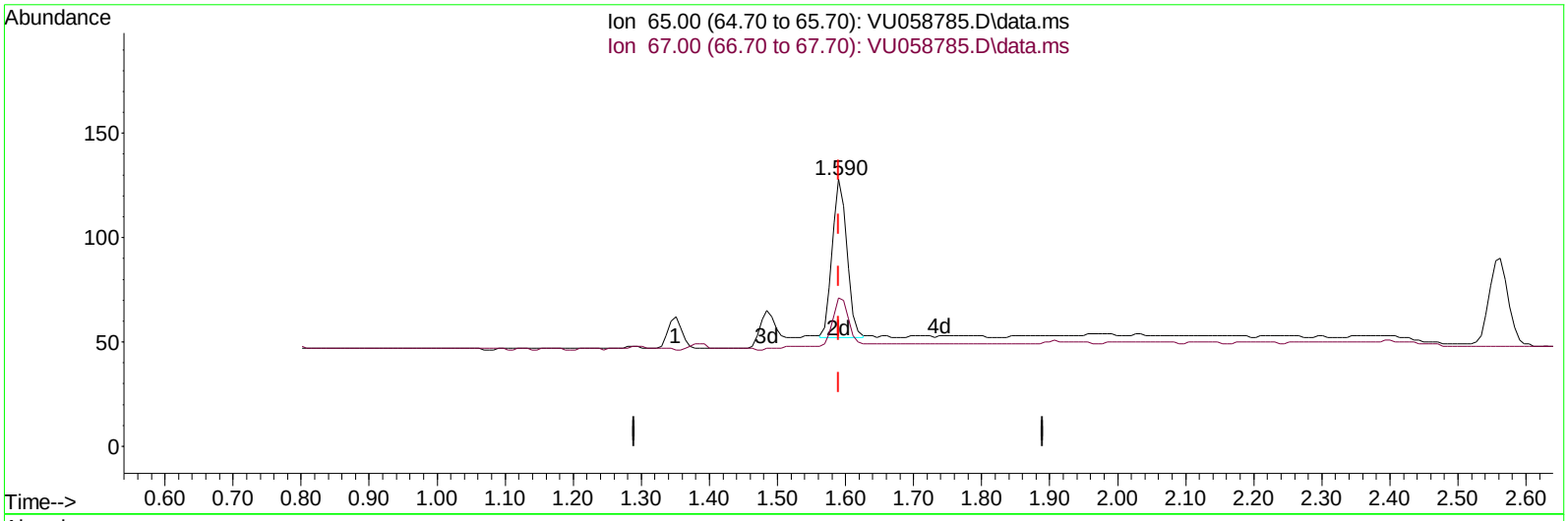
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042424\
Data File : VU058785.D
Acq On : 24 Apr 2024 09:35
Operator : MD/SY
Sample : VSTD0.0507
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

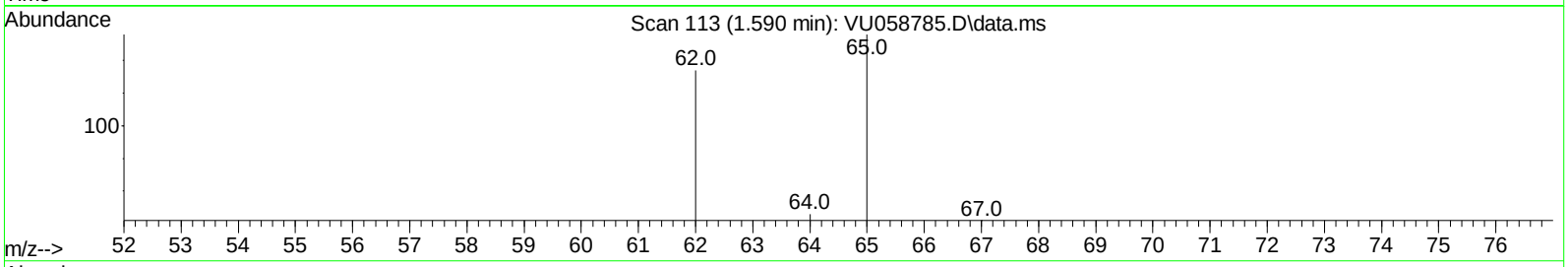
Quant Time: Apr 25 01:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM042424.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 01:24:31 2024
Response via : Initial Calibration

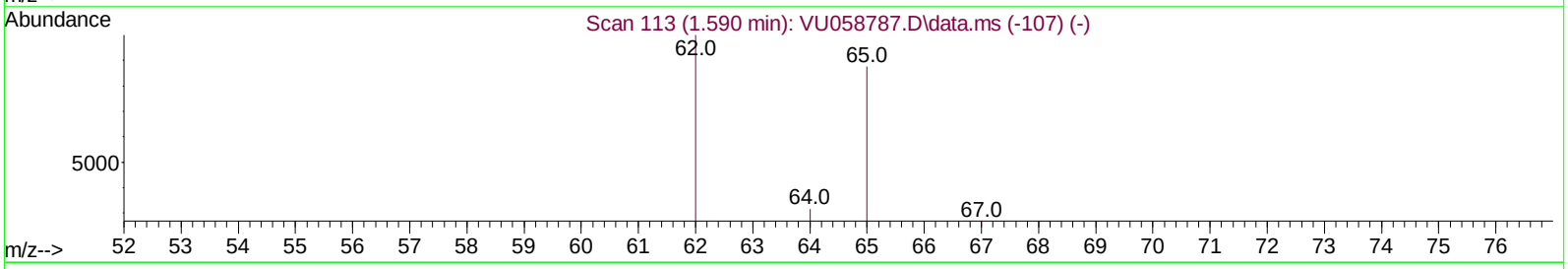
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: VU058785.D\data.ms

(2) Vinyl Chloride-d3 (S)

1.590min (+ 0.000) 0.05 ug/L m

response 115

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	32.30	5.22#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042424\
Data File : VU058785.D
Acq On : 24 Apr 2024 09:35
Operator : MD/SY
Sample : VSTD0.0507
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 25 01:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM042424.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 01:24:31 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
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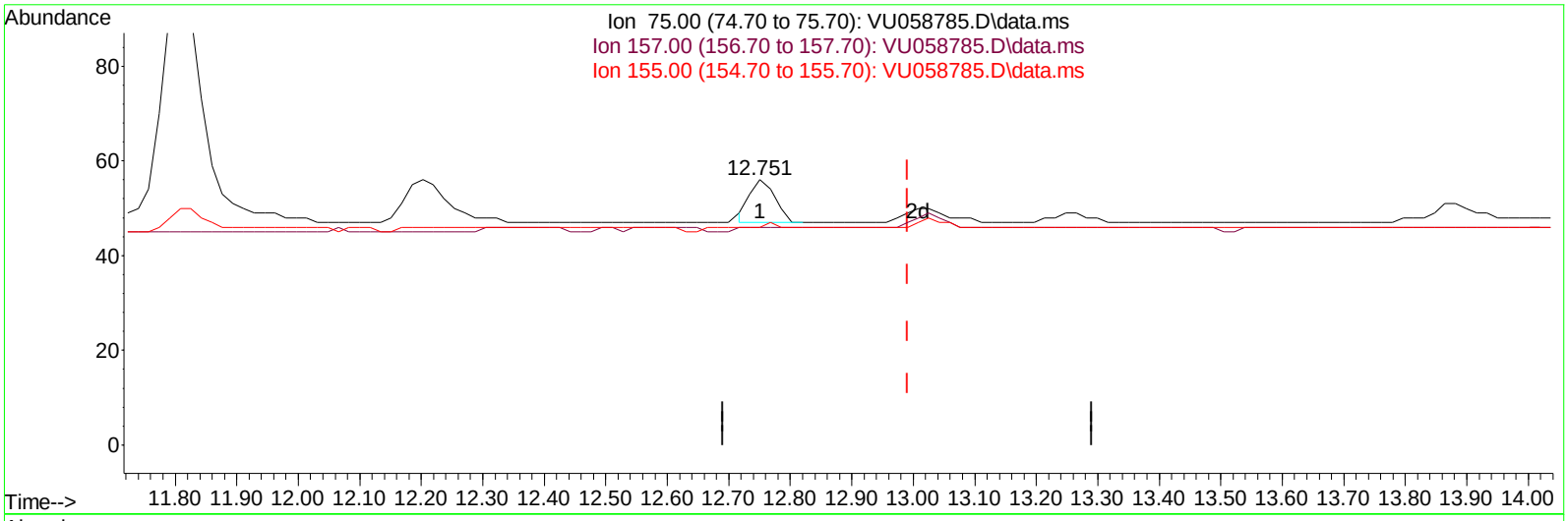
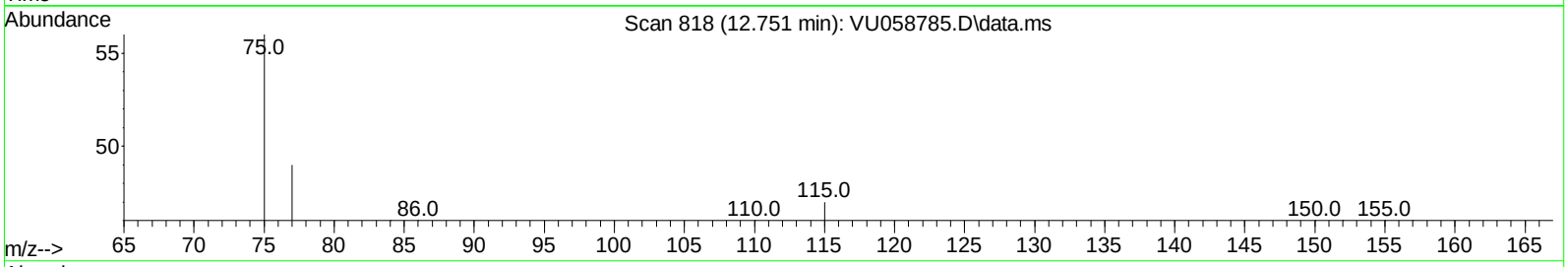
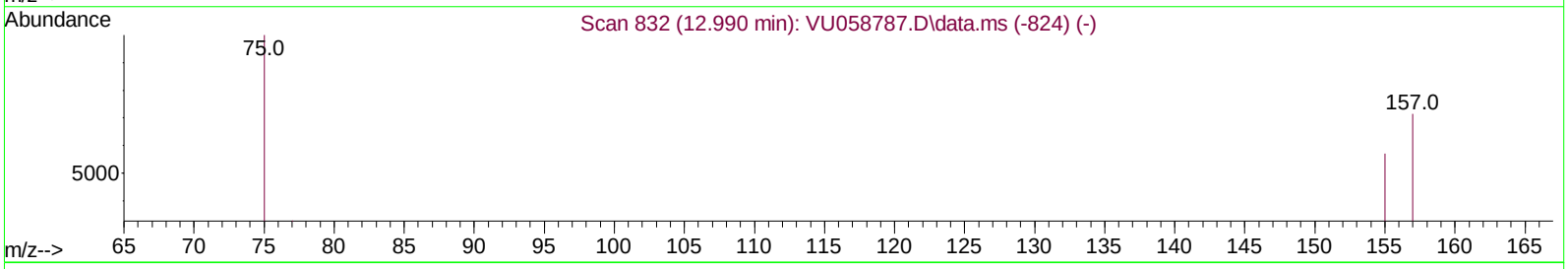






TIC: VU058785.D\data.ms

(13) 1,2-Dibromo-3-chloropropane (T)

12.751min (-0.240) 0.07 ug/L

response 26

Ion	Exp%	Act%
75.00	100.00	100.00
157.00	84.40	82.14
155.00	77.10	82.14
0.00	0.00	0.00

Quantitation Report (Qedit)

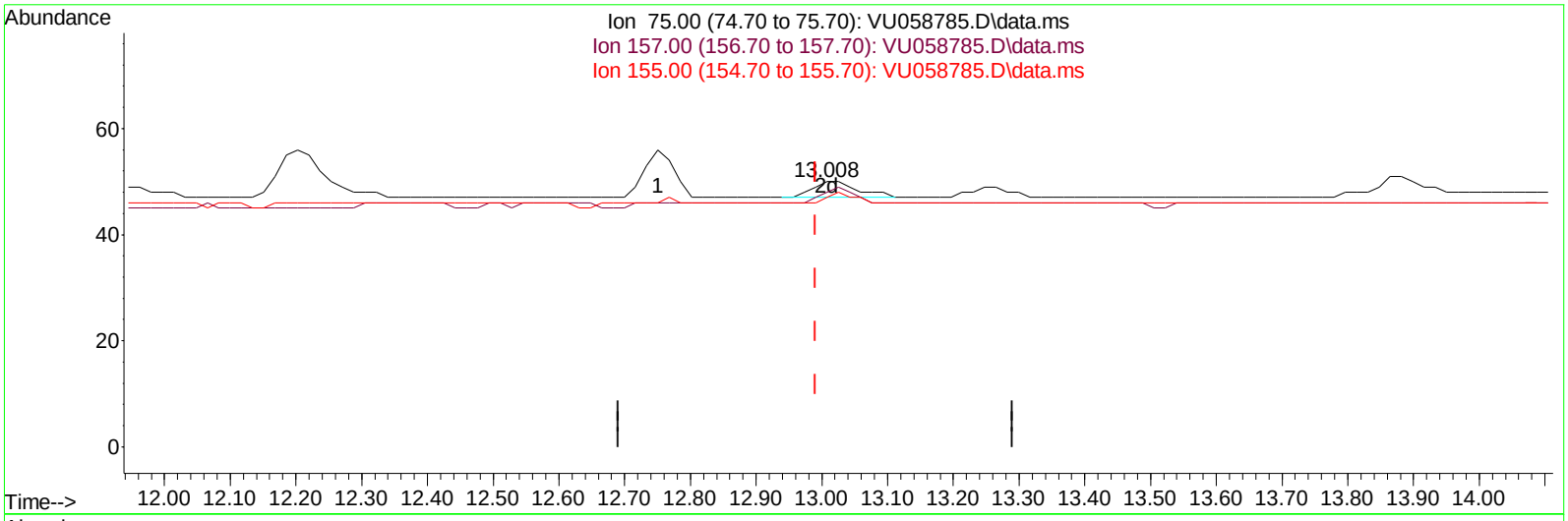
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042424\
Data File : VU058785.D
Acq On : 24 Apr 2024 09:35
Operator : MD/SY
Sample : VSTD0.0507
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

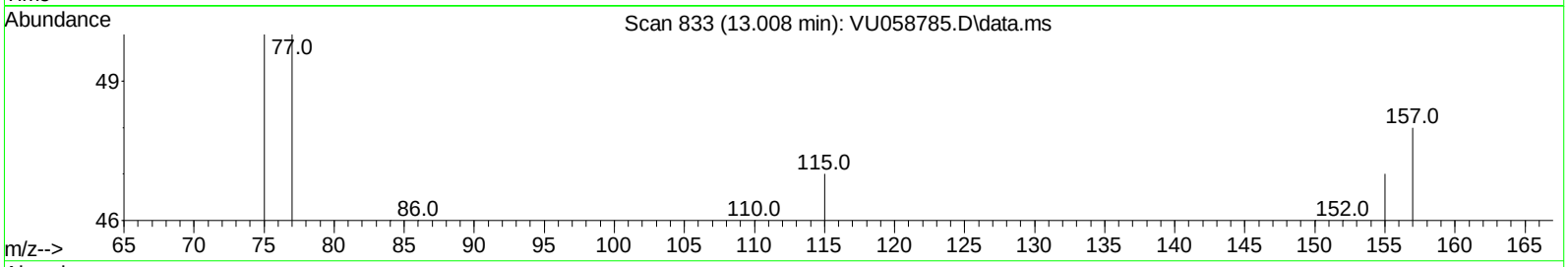
Quant Time: Apr 25 01:24:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUSIM042424.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 01:24:31 2024
Response via : Initial Calibration

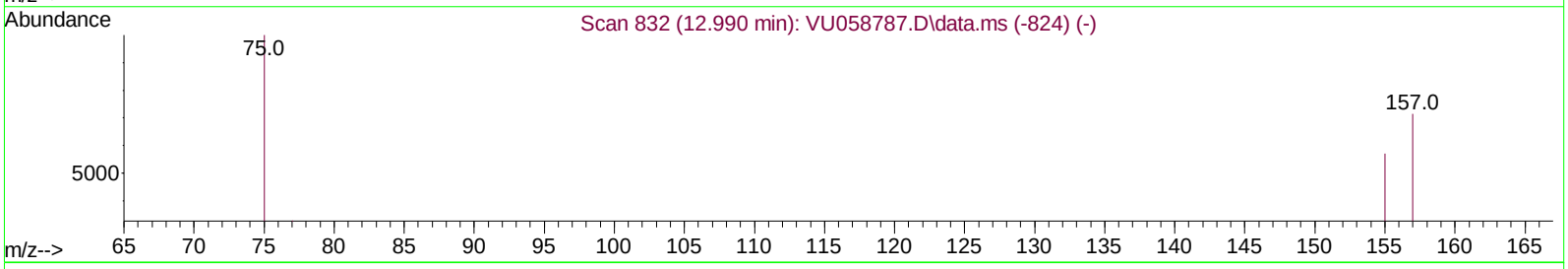
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: VU058785.D\data.ms

(13) 1,2-Dibromo-3-chloropropane (T)

13.008min (+ 0.018) 0.04 ug/L m

response 14

Ion	Exp%	Act%
75.00	100.00	100.00
157.00	84.40	96.00
155.00	77.10	94.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

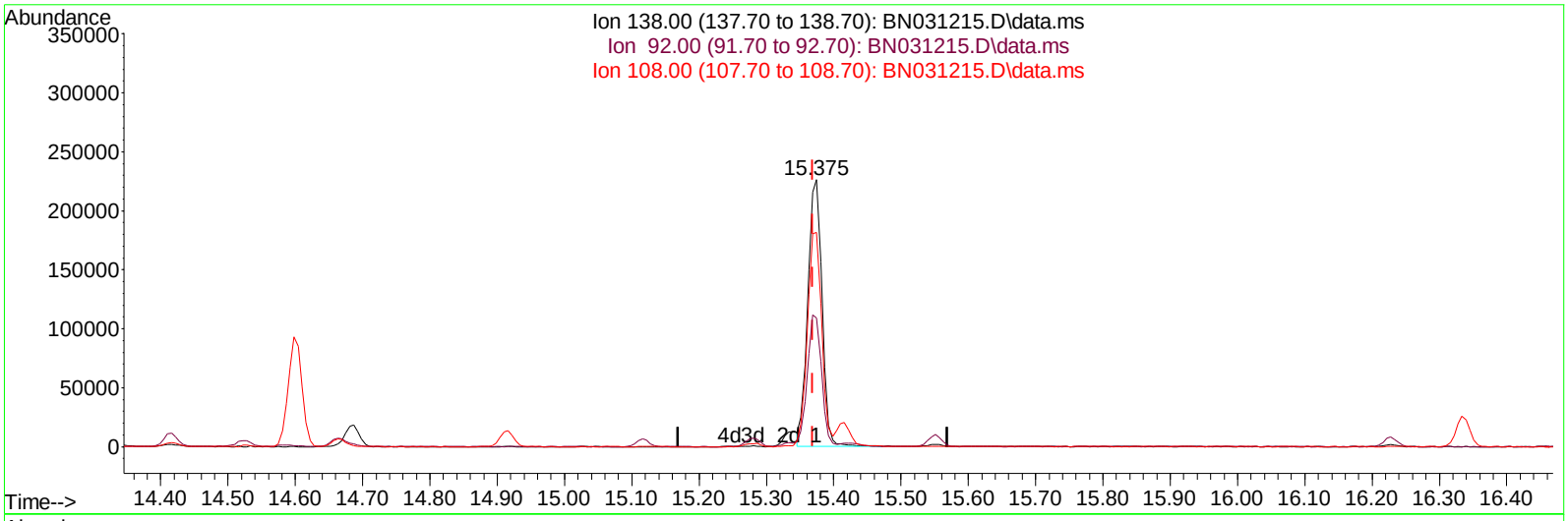
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

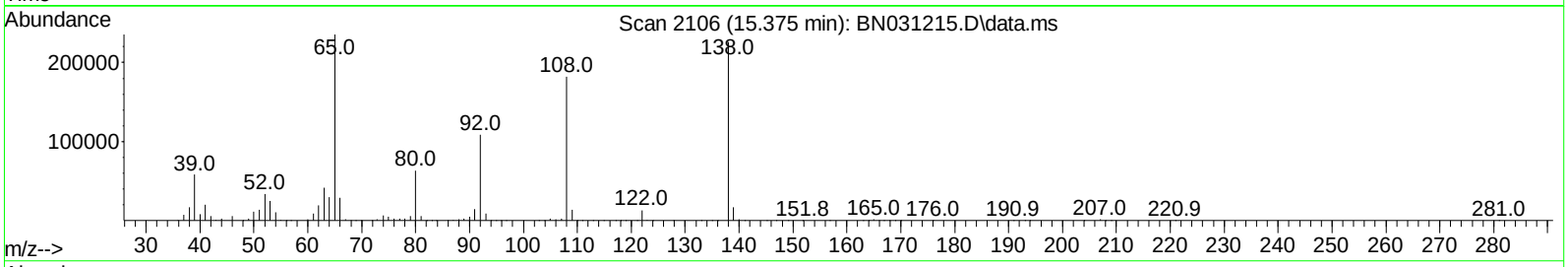
Quant Time: Apr 25 11:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

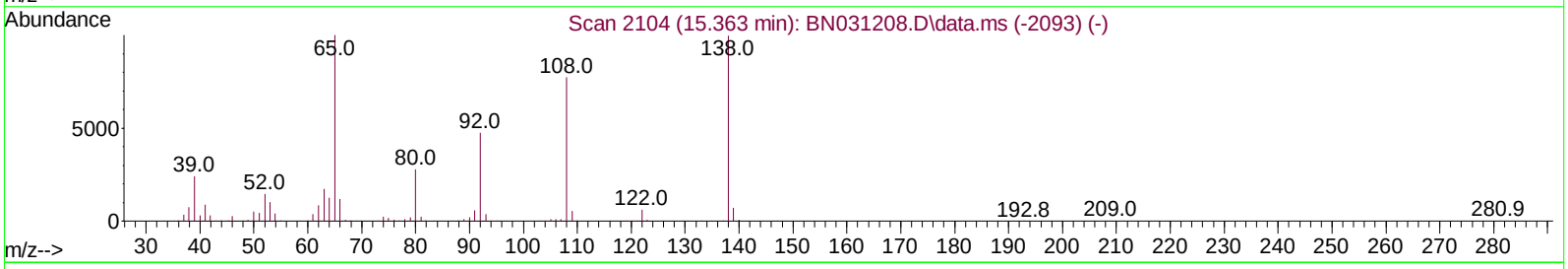
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BN031215.D\data.ms

(63) 4-Nitroaniline

15.375min (+ 0.006) 24.22 ng/ul

response 334422

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	48.17
108.00	79.80	80.35
0.00	0.00	0.00

Quantitation Report (Qedit)

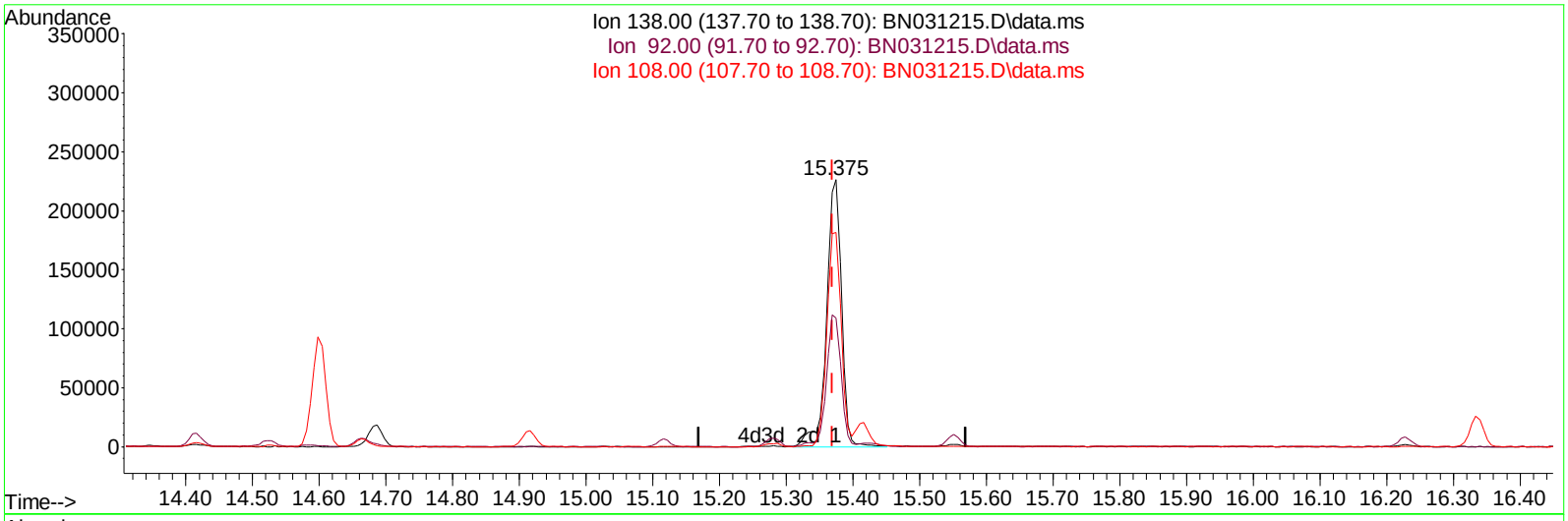
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

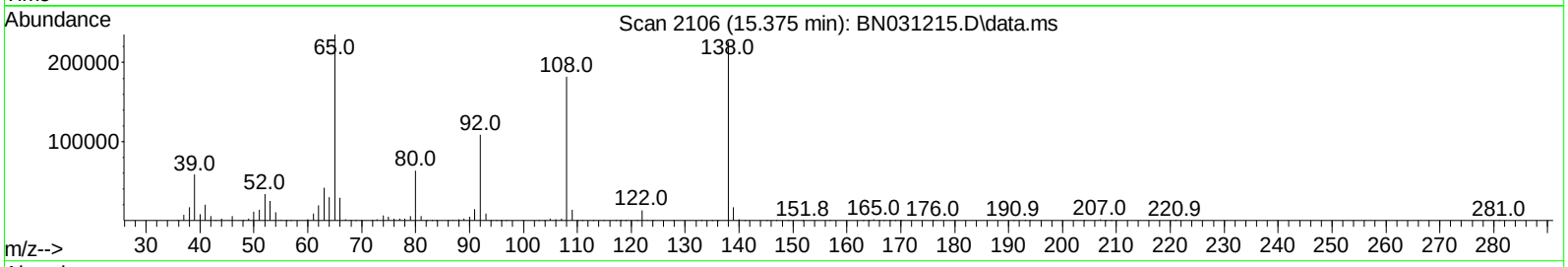
Quant Time: Apr 25 11:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

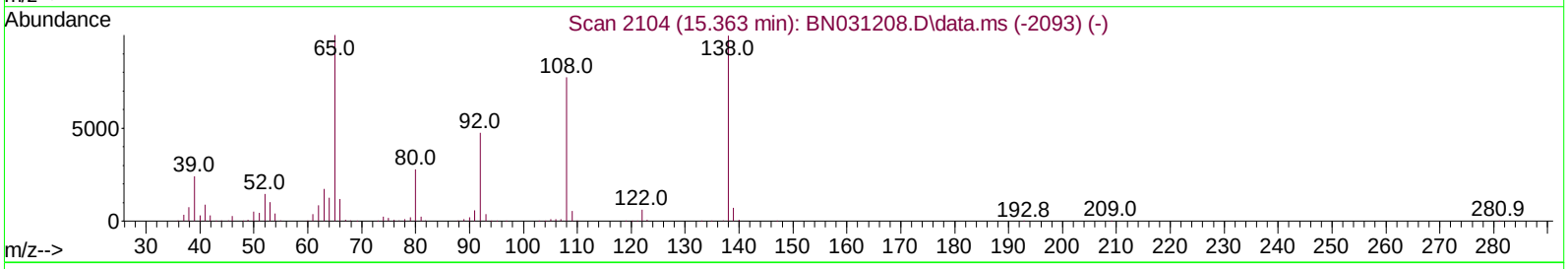
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BN031215.D\data.ms

(63) 4-Nitroaniline

15.375min (+ 0.006) 25.62 ng/ul m

response 353718

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	48.00	48.17
108.00	79.80	80.35
0.00	0.00	0.00

Quantitation Report (Qedit)

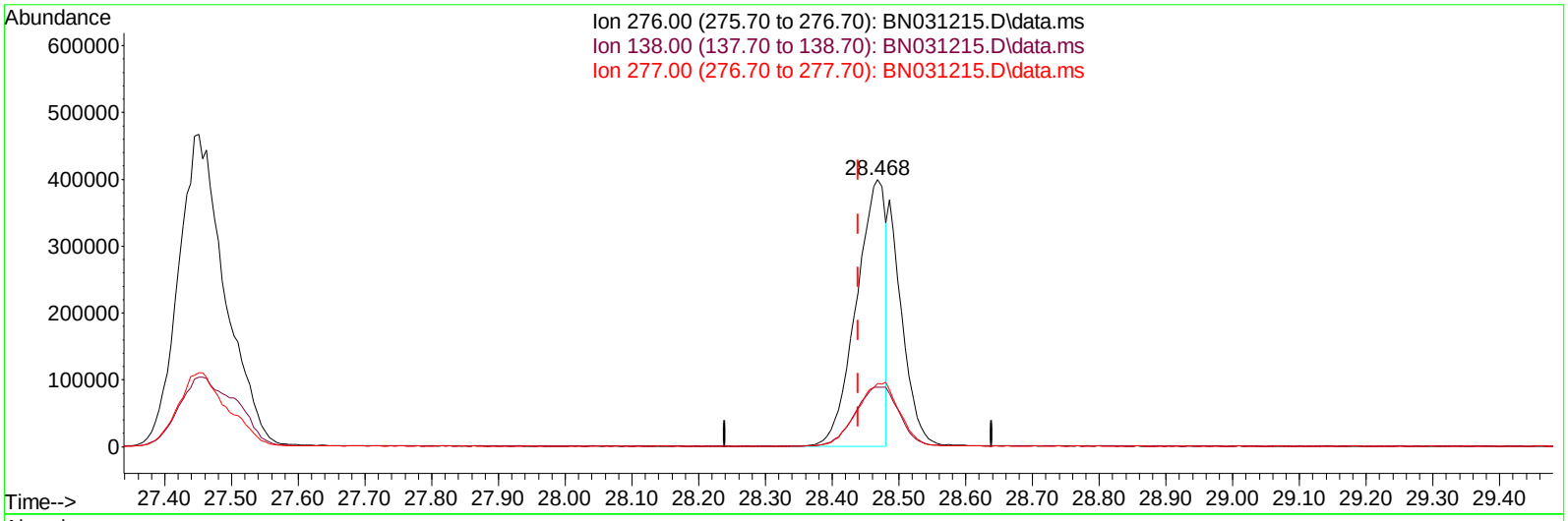
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

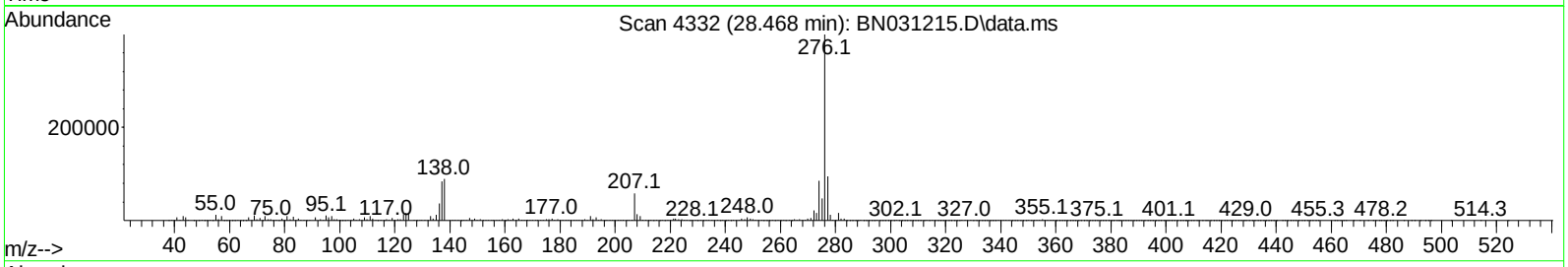
Quant Time: Apr 25 11:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

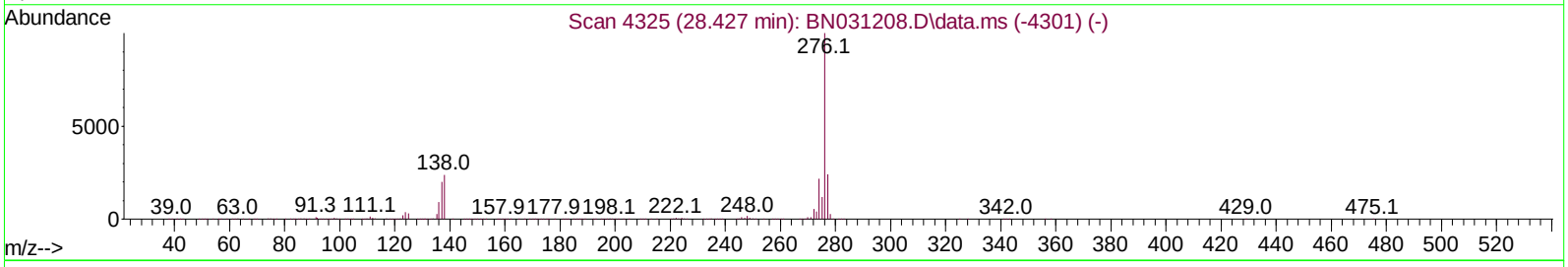
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BN031215.D\data.ms

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

28.468min (+ 0.029) 15.40 ng/ul

response 1201984

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.80	22.29
277.00	24.10	23.72
0.00	0.00	0.00

Quantitation Report (Qedit)

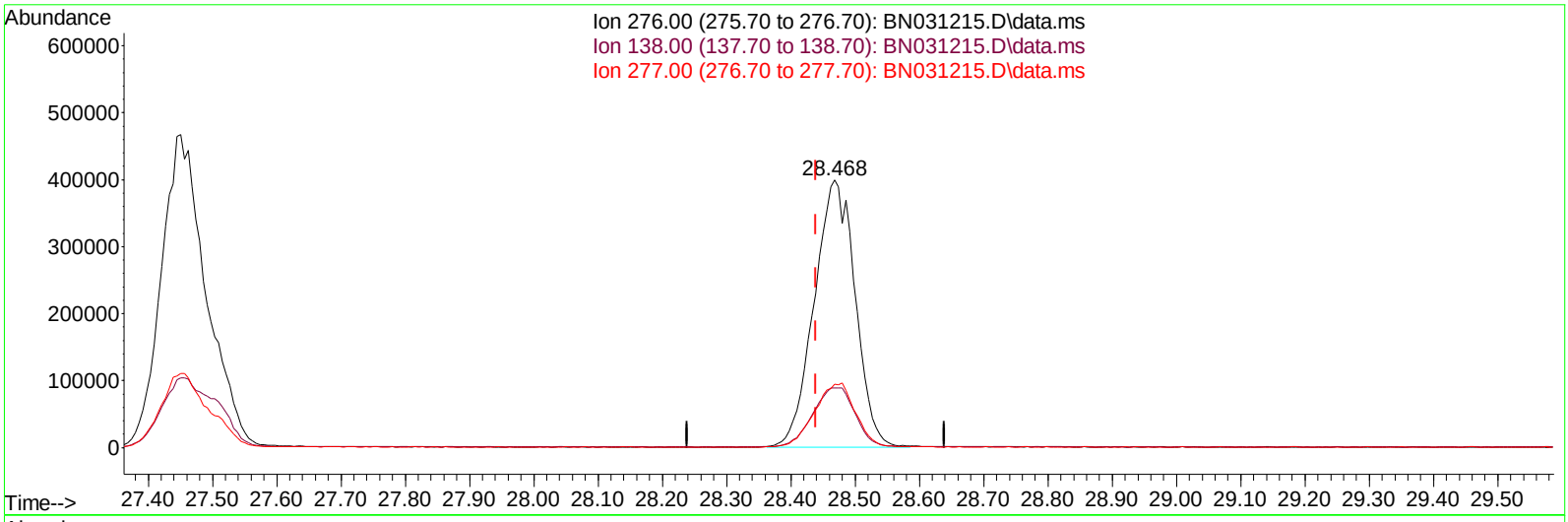
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

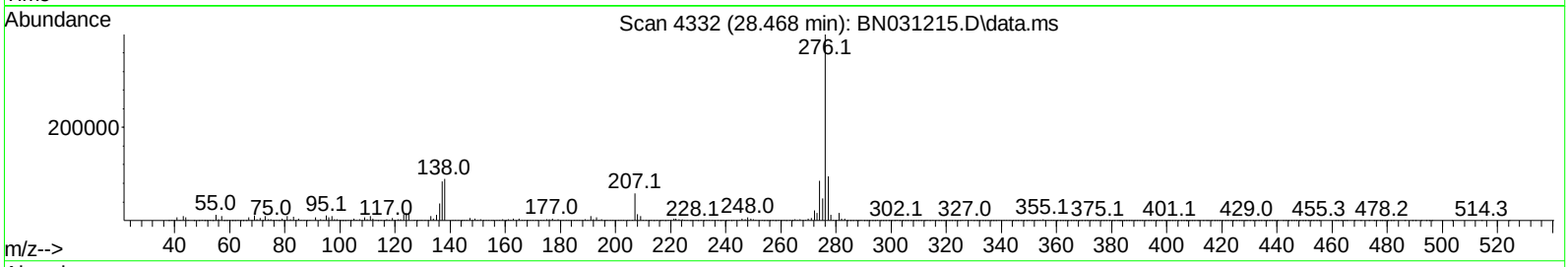
Quant Time: Apr 25 11:16:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

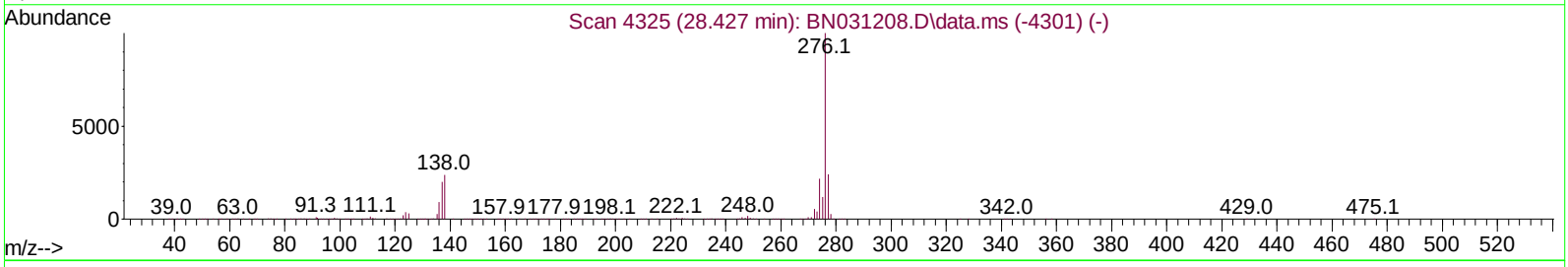
Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024







TIC: BN031215.D\data.ms

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

28.468min (+ 0.029) 22.59 ng/ul m

response 1763490

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	23.80	22.29
277.00	24.10	23.72
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 25 11:19:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	295208	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	1286366	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.287	164	827794	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	1732935	20.000	ng/ul	0.00
79) Chrysene-d12	21.280	240	1371210	20.000	ng/ul	0.01
88) Perylene-d12	24.186	264	1391669	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.146	96	35711	5.652	ng/uL	0.00
4) Pyridine-d5	3.552	84	420370	23.101	ng/ul	0.00
7) Phenol-d5	6.816	99	586994	23.571	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	340129	23.476	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	492589	25.405	ng/ul	0.00
15) 4-Methylphenol-d8	8.346	113	473034	22.587	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128	246290	26.648	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	273992	28.519	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	483908	25.542	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	633951	21.412	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	1342470	23.305	ng/ul	0.00
49) Acenaphthylene-d8	13.975	160	1594005	24.419	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	276903	23.031	ng/ul	0.02
60) Fluorene-d10	15.281	176	1177417	23.480	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	116852	13.365	ng/ul	0.01
73) Anthracene-d10	17.133	188	1842689	24.533	ng/ul	0.00
81) Pyrene-d10	19.439	212	2106132	31.257	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1663431	25.206	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	50685	7.569	ng/uL	91
5) Pyridine	3.569	79	416725	22.694	ng/ul	94
6) Benzaldehyde	6.787	77	320043	26.174	ng/ul	97
8) Phenol	6.840	94	597329	23.265	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.069	93	457809	22.599	ng/ul	97
12) 2-Chlorophenol	7.199	128	492942	24.458	ng/ul	99
13) 2-Methylphenol	8.081	108	456016	22.919	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.157	45	590880	22.372	ng/ul	99
16) Acetophenone	8.457	105	699614	21.561	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.446	70	344003	21.269	ng/ul	99
18) 4-Methylphenol	8.410	108	491932	22.073	ng/ul	99
19) Hexachloroethane	8.699	117	202087	24.164	ng/ul	97
22) Nitrobenzene	8.834	77	529599	24.278	ng/ul	99
23) Isophorone	9.357	82	1003426	22.541	ng/ul	99
25) 2-Nitrophenol	9.540	139	284231	26.740	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	447852	20.660	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.840	93	619208	22.900	ng/ul	98
29) 2,4-Dichlorophenol	10.069	162	465069	24.577	ng/ul	98
30) Naphthalene	10.463	128	1555515	23.333	ng/ul	99
32) 4-Chloroaniline	10.587	127	598445	20.803	ng/ul	98
33) Hexachlorobutadiene	10.740	225	283608	24.585	ng/ul	97
34) Caprolactam	11.375	113	165289	22.169	ng/ul	94
35) 4-Chloro-3-methylphenol	11.722	107	513867	23.421	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 25 11:19:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.081	142	1069078	22.740	ng/ul	98
37) 1-Methylnaphthalene	12.304	142	1080229	22.708	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.457	216	551939	25.481	ng/ul	97
40) Hexachlorocyclopentadiene	12.428	237	120094	10.093	ng/ul	96
41) 2,4,6-Trichlorophenol	12.710	196	374332	25.963	ng/ul	89
42) 2,4,5-Trichlorophenol	12.781	196	410216	25.662	ng/ul	94
43) 1,1'-Biphenyl	13.110	154	1369200	24.050	ng/ul	99
44) 2-Chloronaphthalene	13.151	162	1061060	23.323	ng/ul	99
45) 2-Nitroaniline	13.369	65	327500	26.077	ng/ul	98
47) Dimethylphthalate	13.745	163	1316088	22.146	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	284463	25.500	ng/ul	97
50) Acenaphthylene	14.004	152	1740037	22.820	ng/ul	100
51) 3-Nitroaniline	14.204	138	323706	25.276	ng/ul#	93
52) Acenaphthene	14.345	153	1137868	22.511	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	63729	10.102	ng/ul	98
55) 4-Nitrophenol	14.522	109	216068	22.144	ng/ul	99
56) Dibenzofuran	14.687	168	1590369	22.756	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	415686	24.524	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.916	232	342531	24.794	ng/ul	93
59) Diethylphthalate	15.116	149	1376341	22.520	ng/ul	99
61) Fluorene	15.339	166	1249447	21.724	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.334	204	605803	22.114	ng/ul	98
63) 4-Nitroaniline	15.375	138	353718m	25.618	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.428	198	122075	13.003	ng/ul	99
67) N-Nitrosodiphenylamine	15.551	169	1132557	24.383	ng/ul	99
68) 4-Bromophenyl-phenylether	16.228	248	403580	24.626	ng/ul	93
69) Hexachlorobenzene	16.339	284	461563	24.430	ng/ul	98
70) Atrazine	16.510	200	390004	23.916	ng/ul	97
71) Pentachlorophenol	16.686	266	312593	25.466	ng/ul	97
72) Phenanthrene	17.081	178	2120277	23.132	ng/ul	99
74) Anthracene	17.169	178	2106426	22.709	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.075	216	539744	26.554	ng/uL	97
76) Pentachlorobenzene	14.604	250	520852	24.814	ng/uL	99
77) Carbazole	17.445	167	2039907	24.075	ng/ul	98
78) Di-n-butylphthalate	18.010	149	2568784	24.873	ng/ul	100
80) Fluoranthene	19.104	202	2520412	31.605	ng/ul	100
82) Pyrene	19.469	202	2559021	30.541	ng/ul	98
83) Butylbenzylphthalate	20.374	149	1210543	32.742	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.192	252	680945	23.833	ng/ul	96
85) Benzo(a)anthracene	21.257	228	2231635	23.967	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.180	149	1663541	29.967	ng/ul	99
87) Chrysene	21.321	228	2127767	24.074	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	3007903	37.497	ng/ul	100
90) Benzo(b)fluoranthene	23.268	252	2079571	26.558	ng/ul	100
91) Benzo(k)fluoranthene	23.327	252	2014155	25.575	ng/ul	98
93) Benzo(a)pyrene	24.051	252	1716309	21.971	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.451	276	2263674	23.353	ng/ul	99
95) Dibenzo(a,h)anthracene	27.509	278	1835874	23.075	ng/ul	98
96) Benzo(g,h,i)perylene	28.468	276	1763490m	22.591	ng/ul	

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

Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031215.D
Acq On : 25 Apr 2024 09:25
Operator : MA/JU
Sample : PB160442BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 25 11:19:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 22:56:25 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS442

Manual IntegrationsAPPROVED

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