LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Title : SVOA CALIBRATION

Signal : TIC: BN024624.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.805	86	88	113	rBV	246958	477620	0.20%	0.044%
2	5.346	332	350	355	rBV5	49838943	235849952	98.59%	21.645%
3	6.669	569	575	584	rVB	329565	541881	0.23%	0.050%
4	7.157	652	658	670	rVB2	318286	728919	0.30%	0.067%
5	7.340	681	689	700	rBV	1150641	2144839	0.90%	0.197%
6	7.534	712	722	734	rBV	1107962	2099084	0.88%	0.193%
7	7.910	771	786	797	rBV	28865407	74574110	31.17%	6.844%
8	8.110	797	820	824	rBV5	49351216	223953986	93.62%	20.553%
9	8.446	855	877	878	rBV3	50039848	239217286	100.00%	21.954%
10	8.710	914	922	931	rVB	949437	1490394	0.62%	0.137%
11	9.175	994	1001	1004	rBV	1639225	2779749	1.16%	0.255%
12	9.222	1004	1009	1015	rVB	4326133	7141782	2.99%	0.655%
13	9.510	1049	1058	1066	rBV	1066378	1764703	0.74%	0.162%
14	9.740	1089	1097	1101	rBV	251752	441107	0.18%	0.040%
15	9.781	1101	1104	1107	rVV	239359	398487	0.17%	0.037%
16	9.828	1107	1112	1117	rVV	567370	1025813	0.43%	0.094%
17	9.899	1117	1124	1131	rVV	1285760	2243793	0.94%	0.206%
18	10.440	1208	1216	1224	rBV	1620953	2861148	1.20%	0.263%
19	10.728	1249	1265	1269	rBV3	43168844	137661219	57.55%	12.634%
20	10.834	1276	1283	1289	rBV	2006912	3035516	1.27%	0.279%
21	10.957	1296	1304	1317	rVB	1447683	2500846	1.05%	0.230%
22	11.222	1336	1349	1356	rBV	25172860	49507505	20.70%	4.544%
23	11.422	1376	1383	1397	rVB	2363348	3827101	1.60%	0.351%
24	11.634	1407	1419	1429	rVB	562777	960306	0.40%	0.088%
25	12.104	1488	1499	1511	rVB2	211777	447463	0.19%	0.041%
26	12.840	1608	1624	1631	rBV	3536299	6367279	2.66%	0.584%
27	13.445	1719	1727	1735	rBV	9398365	14269119	5.96%	1.310%
28	13.539	1735	1743	1749	rBV	290761	469571	0.20%	0.043%
29	13.651	1757	1762	1768	rVB2	183336	274191	0.11%	0.025%
30	14.045	1818	1829	1835	rBV	3480297	5049482	2.11%	0.463%
31	14.334	1871	1878	1885	rBV	3942208	5597230	2.34%	0.514%
32	14.639	1923	1930	1940	rBV	2674589	3971985	1.66%	0.365%
33	14.828	1953	1962	1972	rBV	309815	490706	0.21%	0.045%
34	14.957	1979	1984	1994	rVB	356934	522507	0.22%	0.048%
35	15.628	2090	2098	2104	rBV	4817911	7063596	2.95%	0.648%
36	15.745	2111	2118	2131	rVB	1808954	2431906	1.02%	0.223%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Title : SVOA CALIBRATION

37	17.386	2390	2397	2407	rBV	3368345	4626470	1.93%	0.425%
38	17.486	2407	2414	2425	rVV	5398148	7685697	3.21%	0.705%
39	18.269	2542	2547	2557	rBV	522694	793861	0.33%	0.073%
40	18.757	2621	2630	2637	rBV	1421614	1925166	0.80%	0.177%
41	19.545	2759	2764	2773	rBV	461009	710002	0.30%	0.065%
42	19.774	2797	2803	2814	rBV	6923452	9177277	3.84%	0.842%
43	21.568	3102	3108	3113	rBV	3903685	5104599	2.13%	0.468%
44	23.898	3497	3504	3519	rVB2	4949724	9961777	4.16%	0.914%
45	24.051	3523	3530	3539	rVB2	2534266	5449514	2.28%	0.500%

Sum of corrected areas: 1089616544

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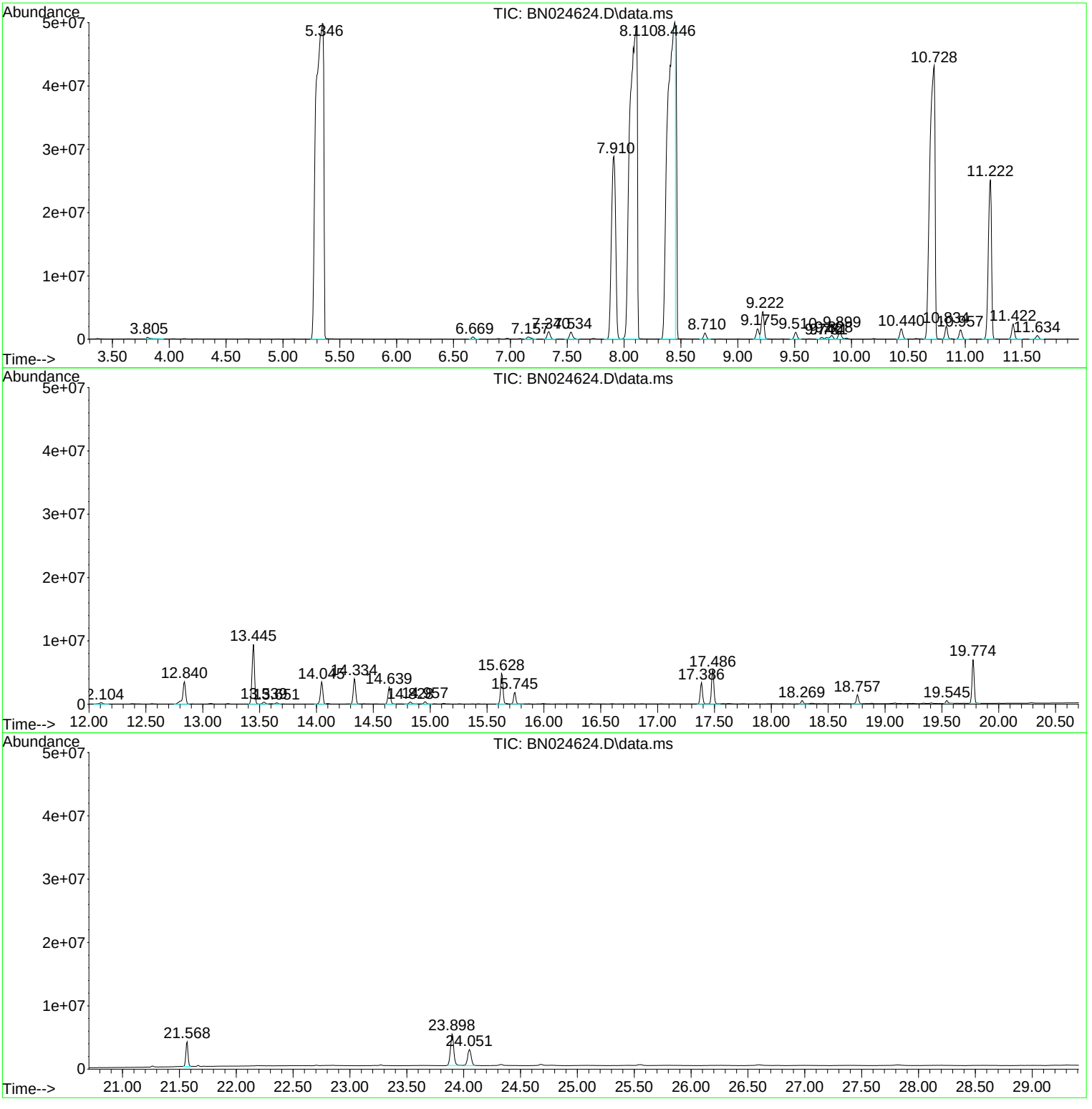
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

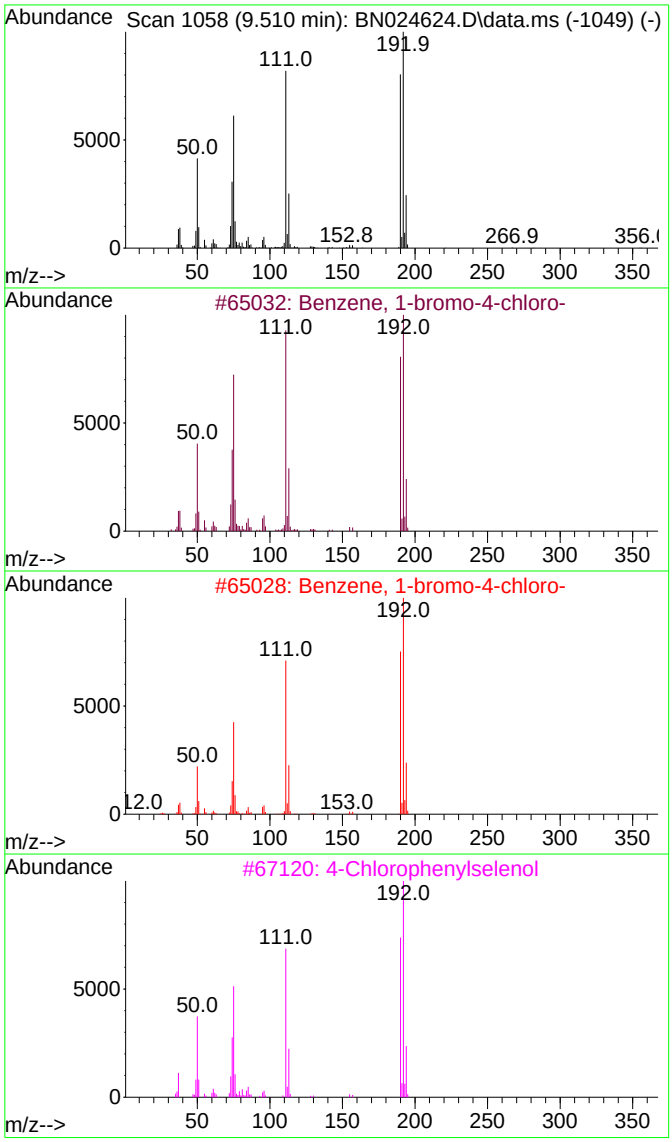
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

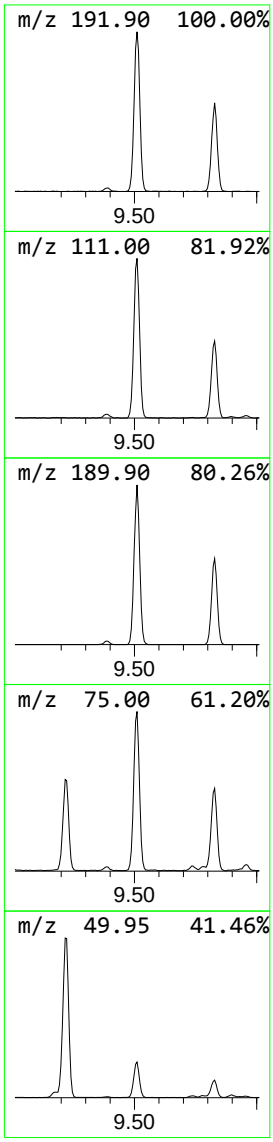
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-bromo-4-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	11.63 ng/ul	1764700	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	99
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





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Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

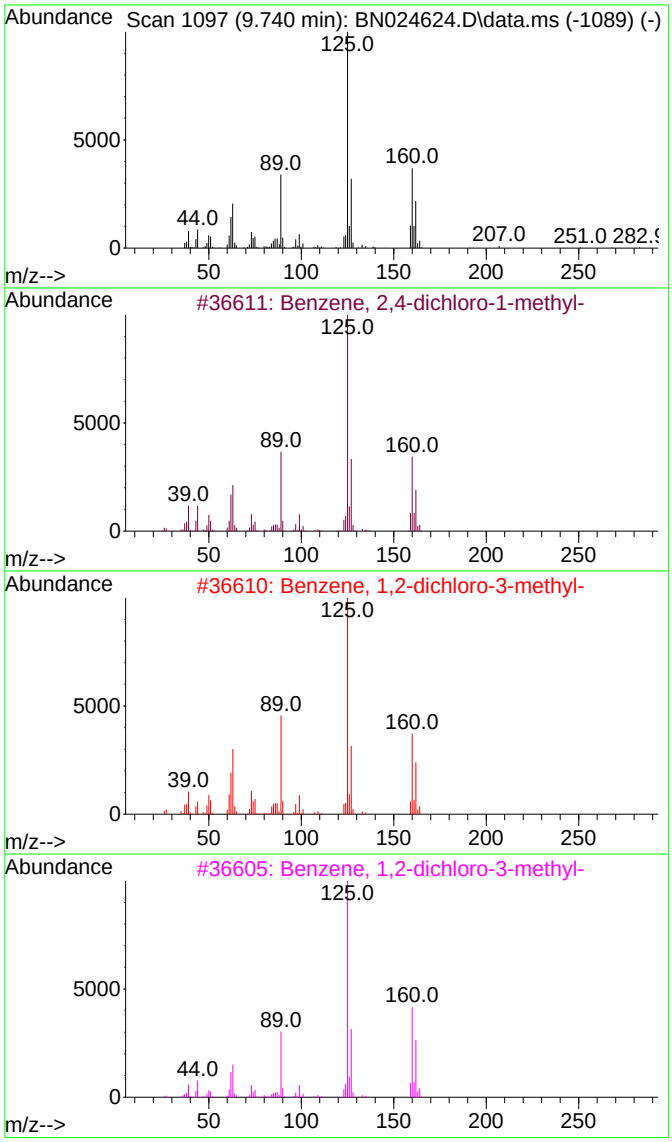
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

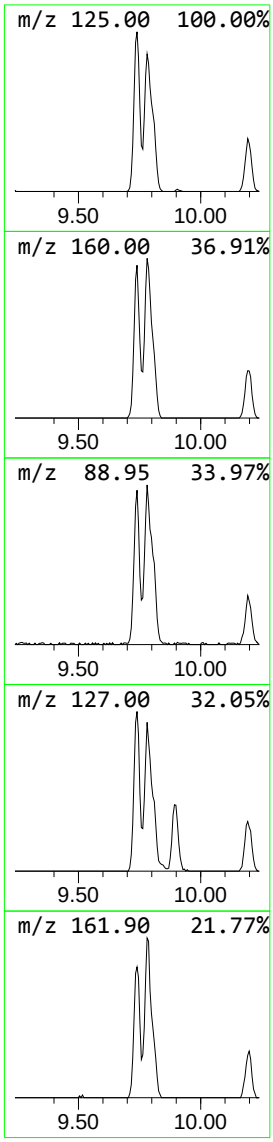
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2,4-dichloro-1-met... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	2.91 ng/ul	441107	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	98
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
4	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	96
5	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

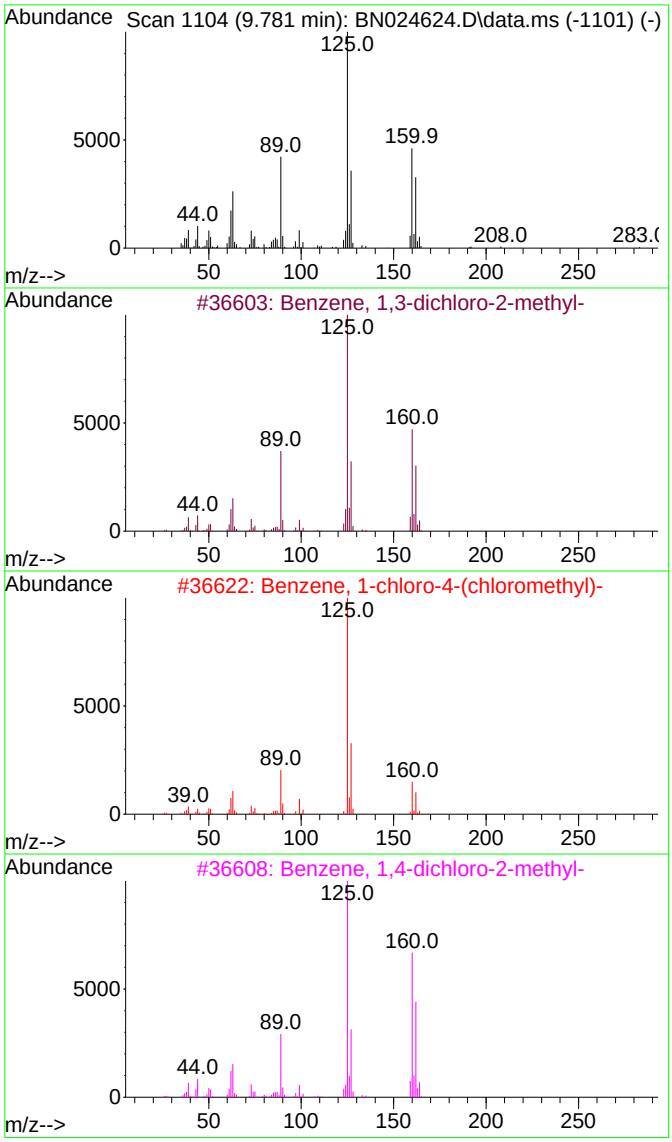
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

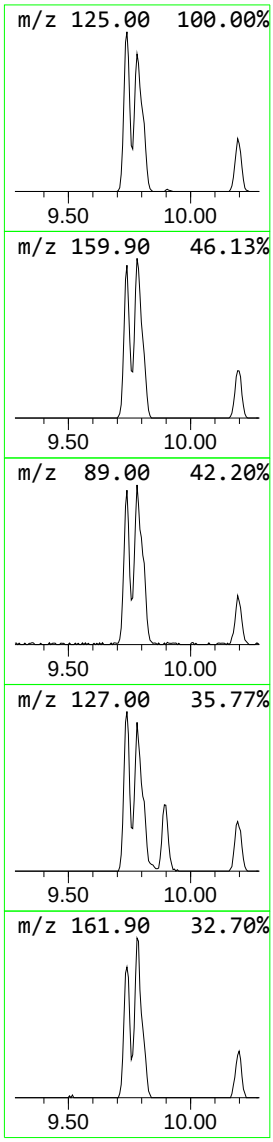
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,3-dichloro-2-met... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.781	2.63 ng/ul	398487	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
2	Benzene, 1-chloro-4-(chloromethyl)-	160	C7H6Cl2	000104-83-6	97
3	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
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Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

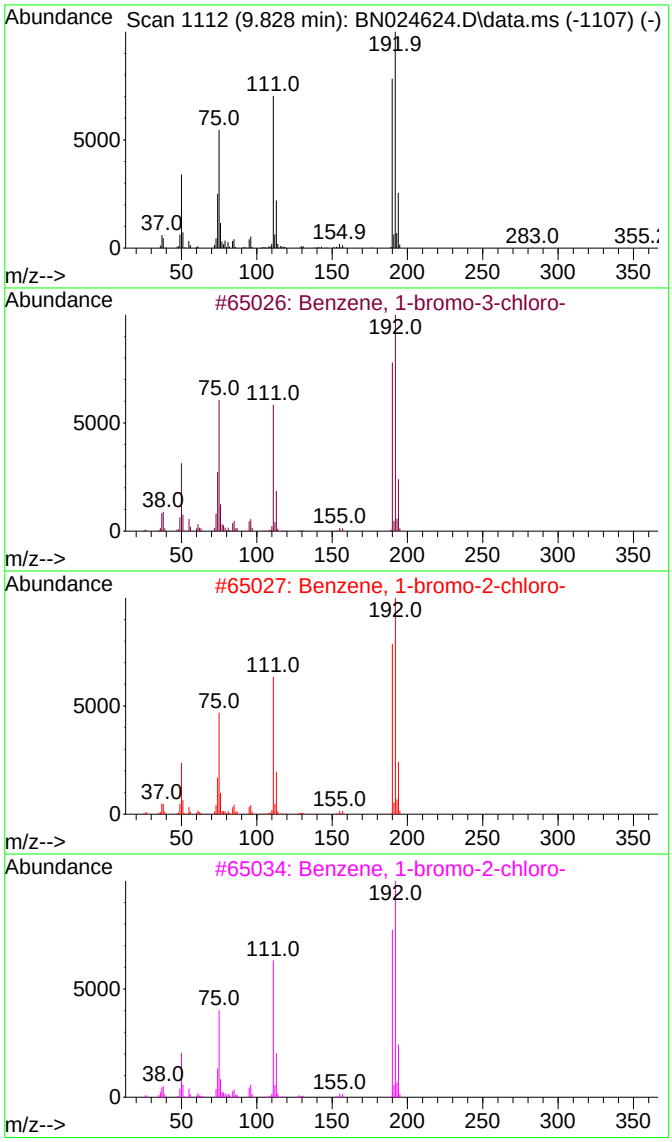
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

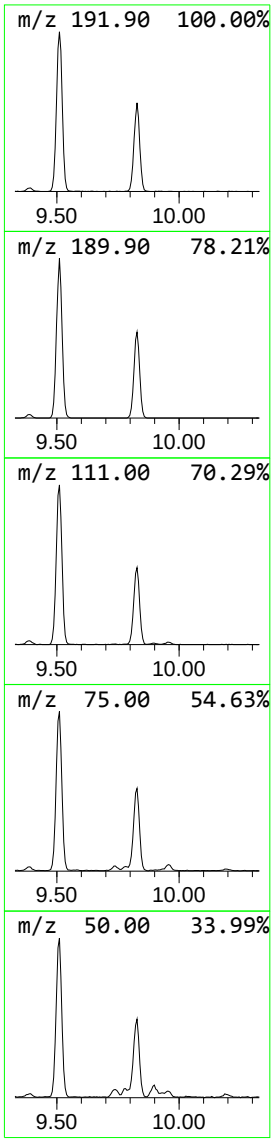
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-bromo-3-chloro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.828	6.76 ng/ul	1025810	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	99
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
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Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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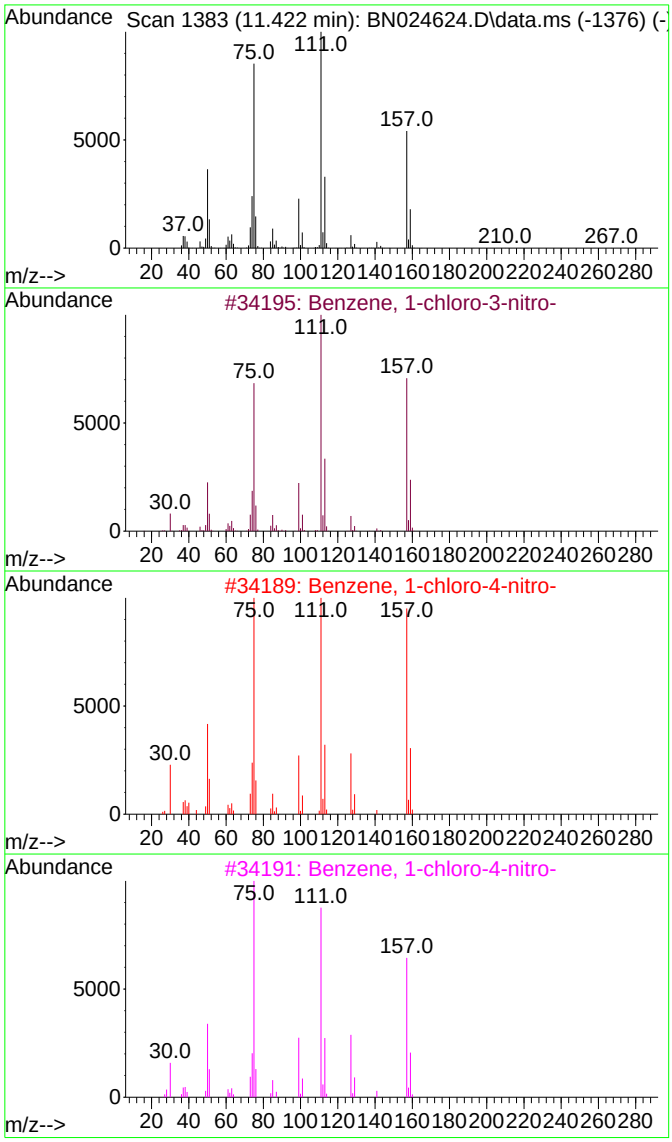
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

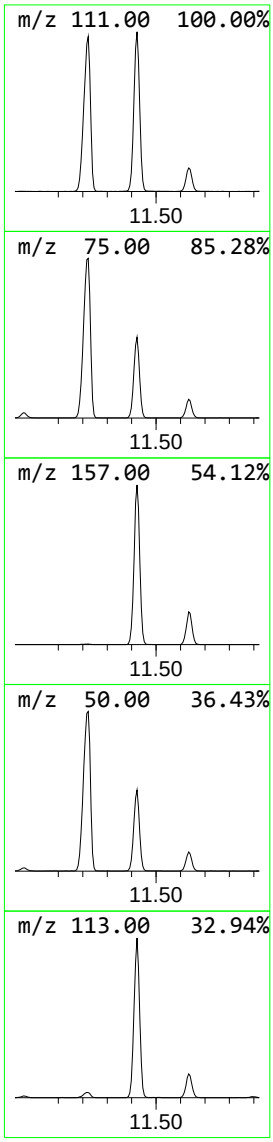
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.422	25.22 ng/ul	3827100	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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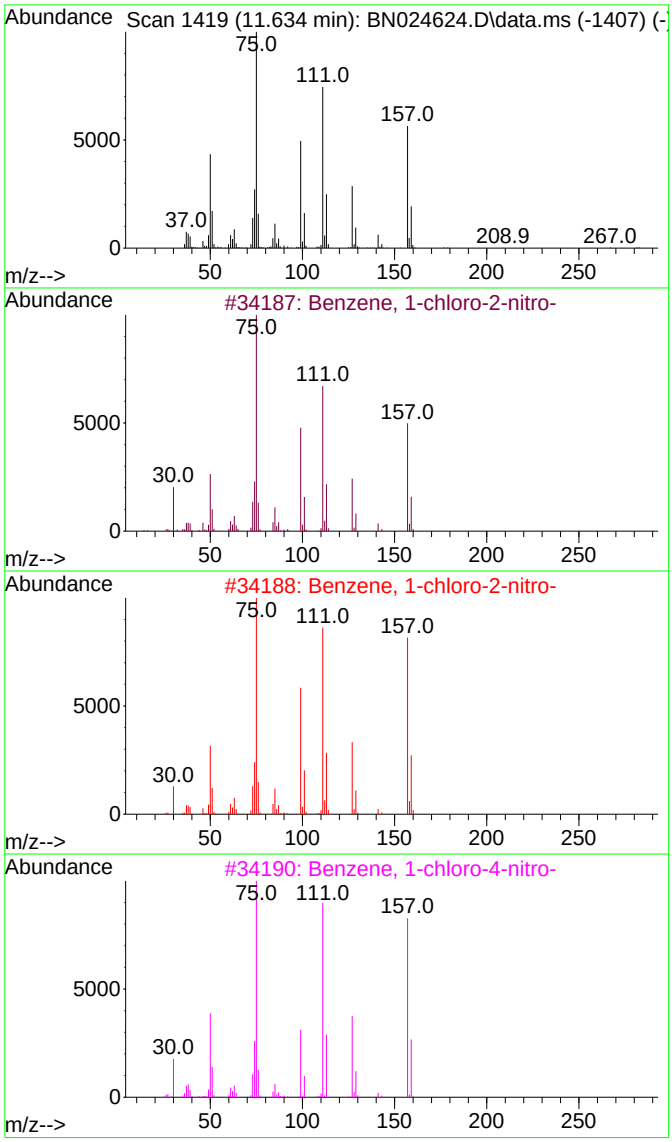
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

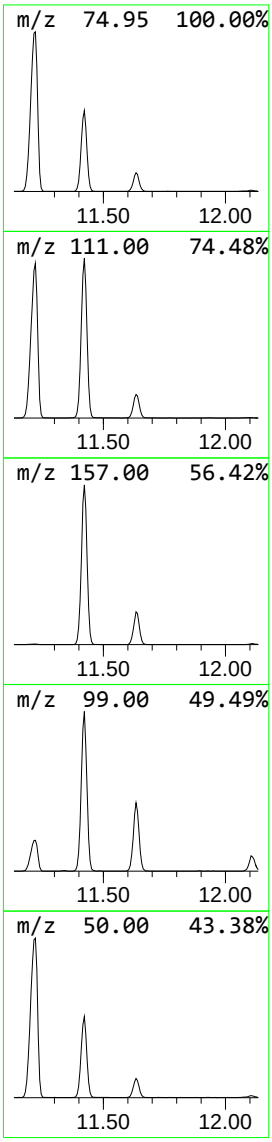
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.634	6.33 ng/ul	960306	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95





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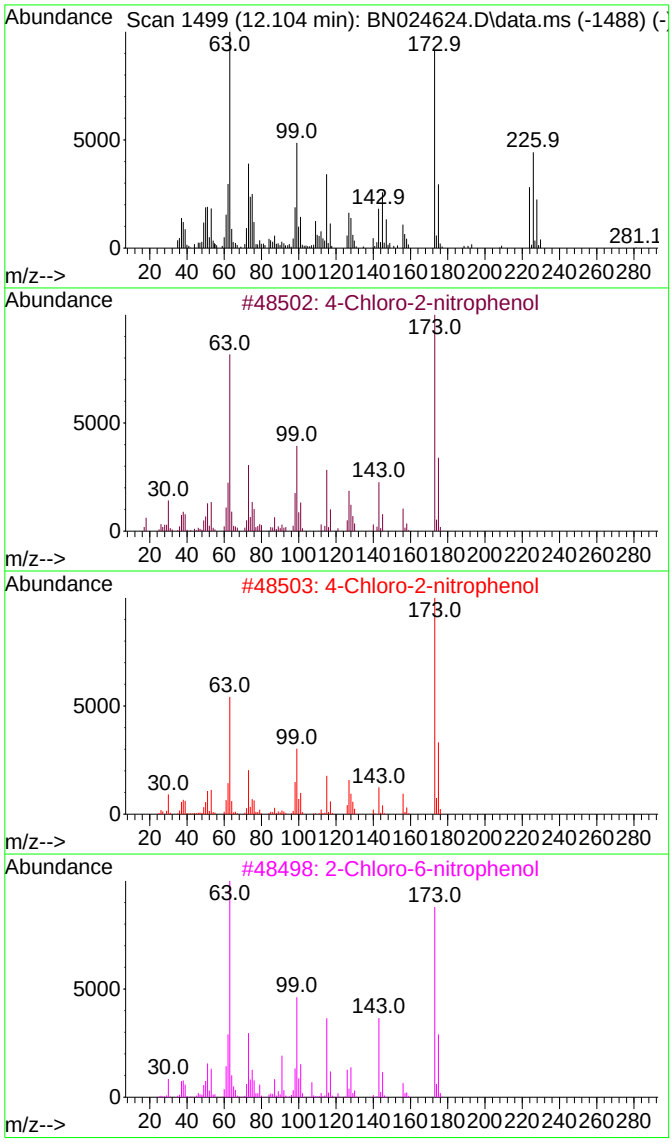
Quant Title : SVOA CALIBRATION

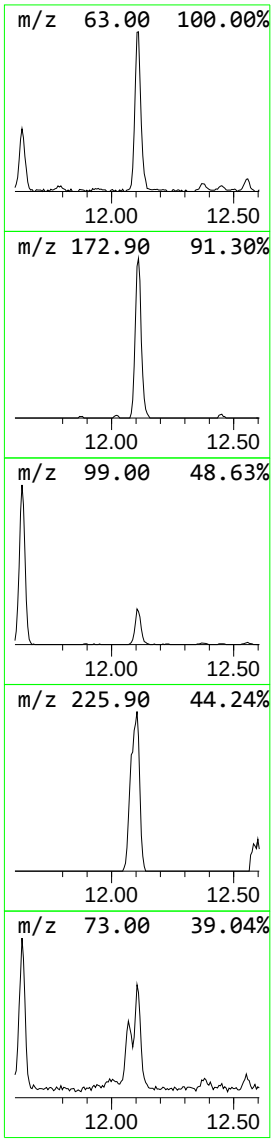
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4-Chloro-2-nitrophenol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	2.95 ng/ul	447463	Naphthalene-d8	10.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	93
3	2-Chloro-6-nitrophenol	173	C6H4ClNO3	000603-86-1	90
4	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	58
5	3-Chloro-6-diazocyclohexa-2,4-di...	154	C6H3ClN2O	080090-95-5	50





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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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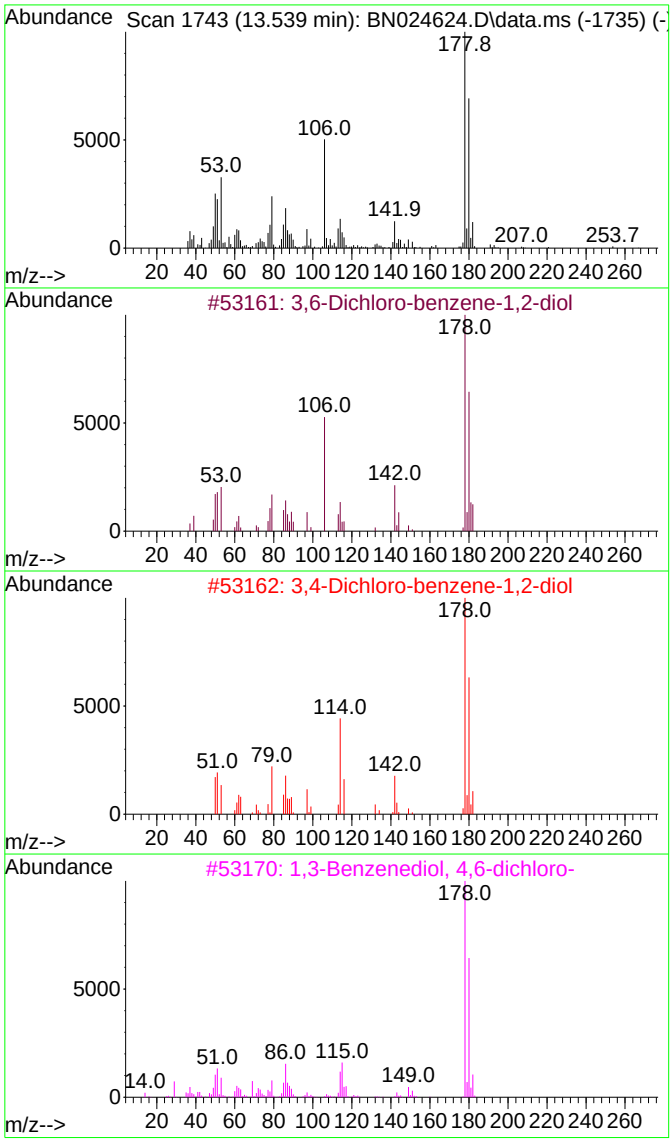
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

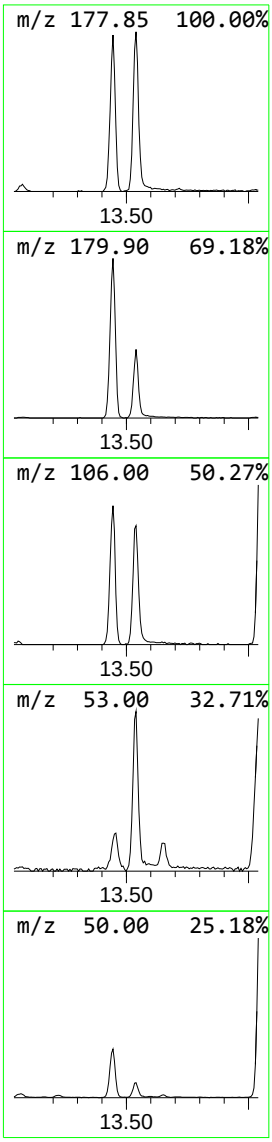
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 3,6-Dichloro-benzene-1,2-diol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.540	2.36 ng/ul	469571	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dichloro-benzene-1,2-diol	178	C6H4Cl2O2	003938-16-7	93
2	3,4-Dichloro-benzene-1,2-diol	178	C6H4Cl2O2	003978-67-4	89
3	1,3-Benzenediol, 4,6-dichloro-	178	C6H4Cl2O2	000137-19-9	86
4	1,4-Benzenediol, 2,5-dichloro-	178	C6H4Cl2O2	000824-69-1	86
5	1,2-Benzenediol, 3,5-dichloro-	178	C6H4Cl2O2	013673-92-2	86





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Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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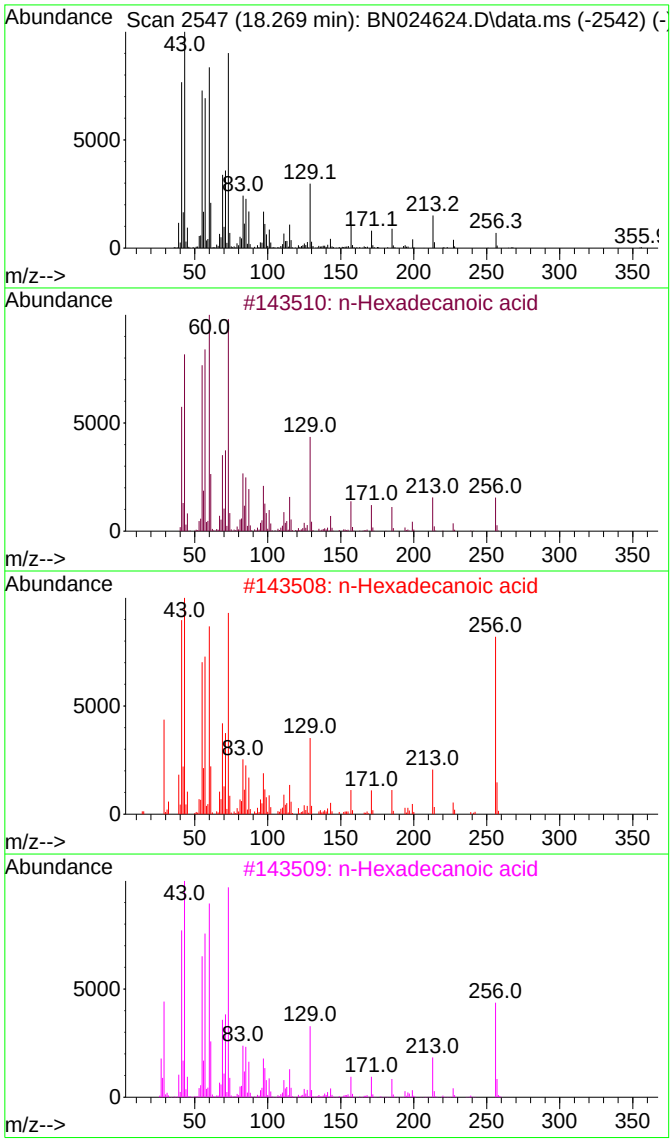
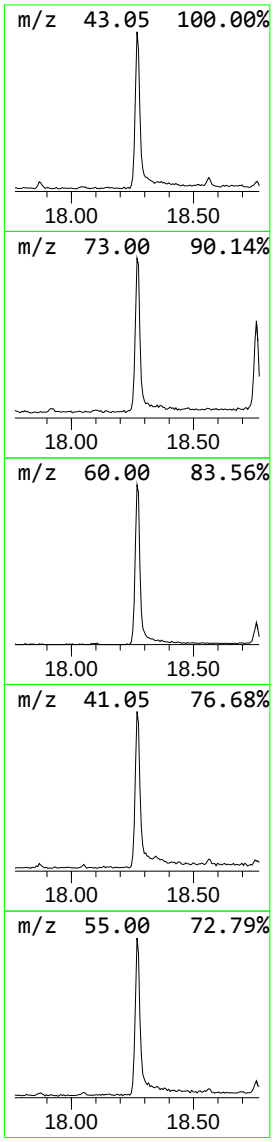
Peak Number 15 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	3.43 ng/ul	793861	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	91





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Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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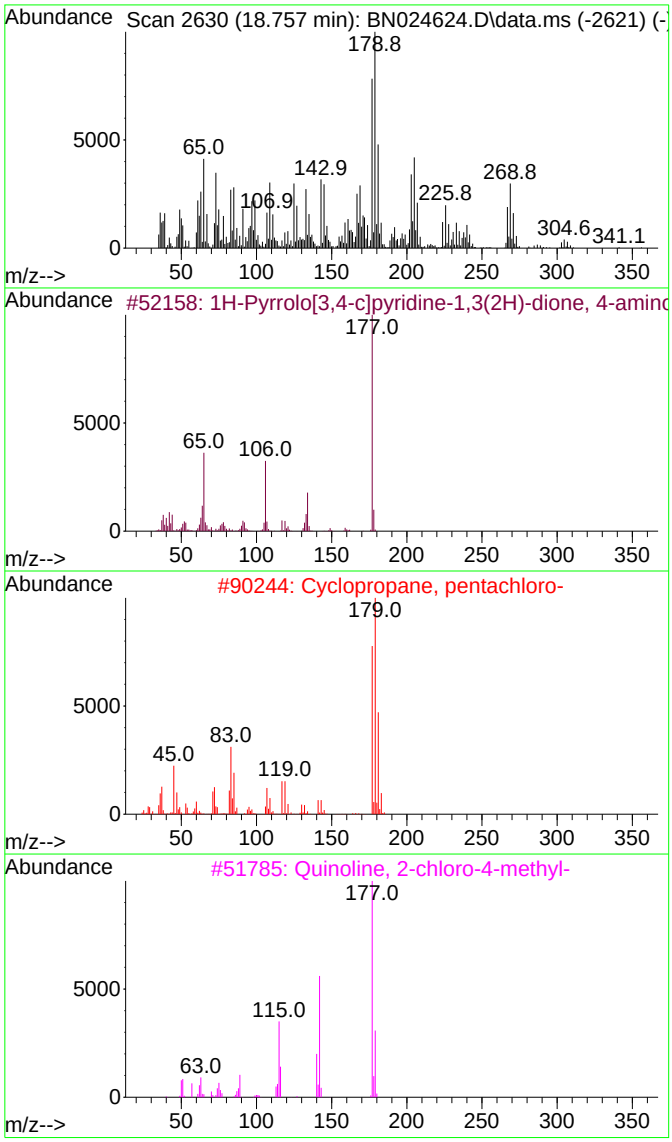
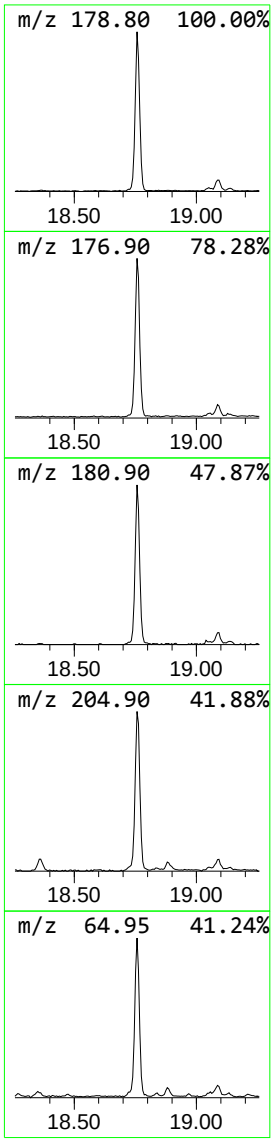
Peak Number 16 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.757	8.32 ng/ul	1925170	Phenanthrene-d10	17.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[3,4-c]pyridine-1,3(2H...	177	C8H7N3O2	090004-20-9	38
2	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	27
3	Quinoline, 2-chloro-4-methyl-	177	C10H8ClN	000634-47-9	18
4	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14
5	3-(4-Chlorophenyl)-1H-1,2,4-tria...	179	C8H6ClN3	023195-59-7	14





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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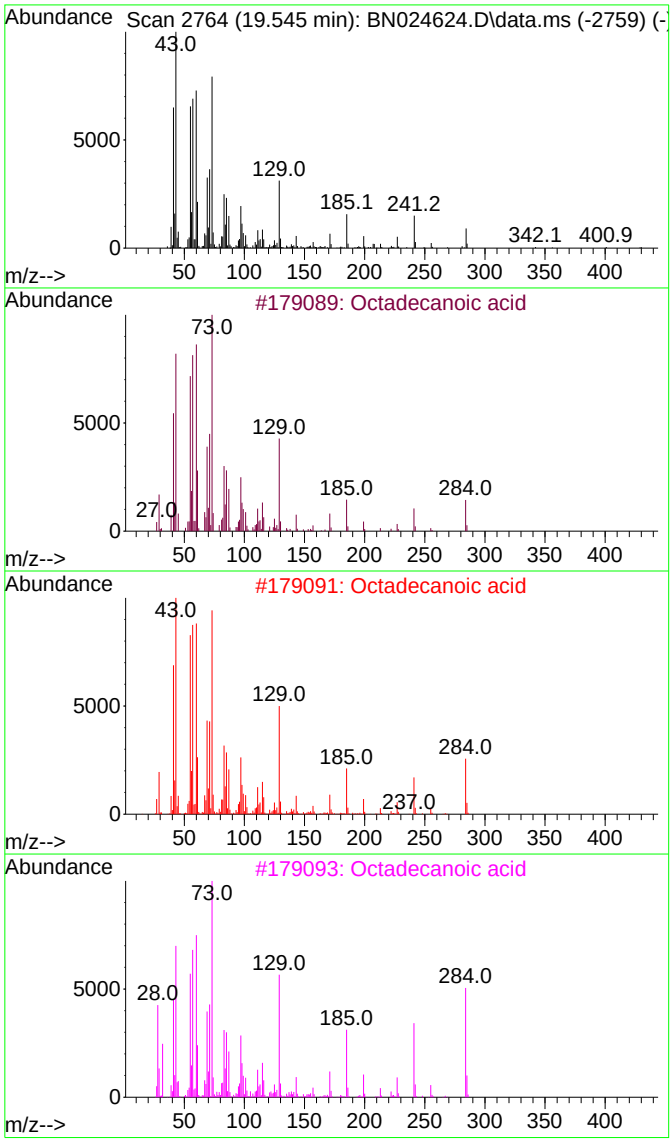
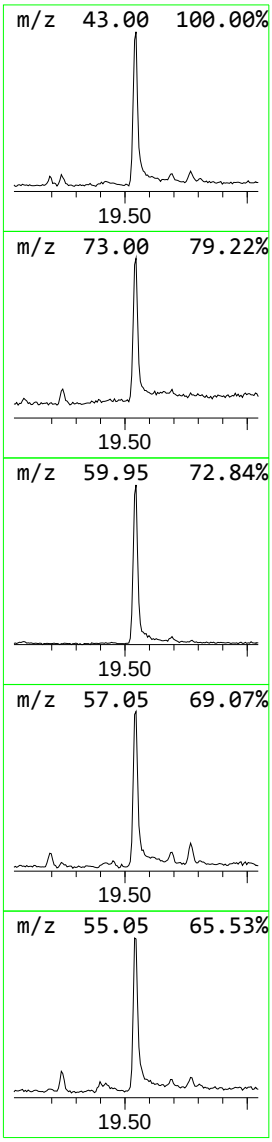
Peak Number 17 Octadecanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.545	2.78 ng/ul	710002	Chrysene-d12	21.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99
4	Octadecanoic acid	284	C18H36O2	000057-11-4	99
5	Octadecanoic acid	284	C18H36O2	000057-11-4	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032923\
Data File : BN024624.D
Acq On : 30 Mar 2023 00:00
Operator : CG/JU
Sample : 02085-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0MB4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032923.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-brom...	9.510	11.6	ng/ul	1764700	2	10.834	3035520	20.0
Benzene, 2,4-di...	9.740	2.9	ng/ul	441107	2	10.834	3035520	20.0
Benzene, 1,3-di...	9.781	2.6	ng/ul	398487	2	10.834	3035520	20.0
Benzene, 1-brom...	9.828	6.8	ng/ul	1025810	2	10.834	3035520	20.0
Benzene, 1-chlo...	11.422	25.2	ng/ul	3827100	2	10.834	3035520	20.0
Benzene, 1-chlo...	11.634	6.3	ng/ul	960306	2	10.834	3035520	20.0
4-Chloro-2-nitr...	12.104	3.0	ng/ul	447463	2	10.834	3035520	20.0
3,6-Dichloro-be...	13.540	2.4	ng/ul	469571	3	14.639	3971990	20.0
n-Hexadecanoic ...	18.269	3.4	ng/ul	793861	4	17.386	4626470	20.0
unknown-01	18.757	8.3	ng/ul	1925170	4	17.386	4626470	20.0
Octadecanoic acid	19.545	2.8	ng/ul	710002	5	21.569	5104600	20.0