LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042223\
Data File : BN025082.D
Acq On : 22 Apr 2023 18:43
Operator : CG/JU
Sample : 02378-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0ML1

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-BN041023.M
Title : SVOA CALIBRATION

Signal : TIC: BN025082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.293	14	18	34	rVB	56778	97287	0.13%	0.030%
2	3.723	90	91	119	rBV	285458	579321	0.76%	0.178%
3	5.211	335	344	360	rBV	35422902	61662287	81.31%	18.969%
4	7.075	651	661	664	rBV	342131	584425	0.77%	0.180%
5	7.246	683	690	703	rVB	1171792	1807127	2.38%	0.556%
6	7.446	716	724	735	rBV	1128221	1875393	2.47%	0.577%
7	7.805	776	785	796	rBV	4549942	7240907	9.55%	2.227%
8	7.969	796	813	819	rBV	32908185	64579451	85.16%	19.866%
9	8.293	856	868	874	rBV	36514148	75832748	100.00%	23.328%
10	8.628	919	925	935	rBV	959872	1498167	1.98%	0.461%
11	9.087	995	1003	1006	rBV	1474752	2377396	3.14%	0.731%
12	9.128	1006	1010	1021	rVB	2320954	3718514	4.90%	1.144%
13	9.422	1054	1060	1066	rBV2	41633	76695	0.10%	0.024%
14	9.810	1119	1126	1145	rBV	1187768	1946124	2.57%	0.599%
15	10.346	1208	1217	1226	rBV	1553164	2584234	3.41%	0.795%
16	10.599	1251	1260	1275	rBV	11471727	19378502	25.55%	5.961%
17	10.728	1275	1282	1290	rBV	1427248	2373131	3.13%	0.730%
18	10.869	1298	1306	1318	rBV	1468314	2463904	3.25%	0.758%
19	11.116	1340	1348	1358	rVB	2618696	4267270	5.63%	1.313%
20	11.334	1378	1385	1392	rBV	626448	989734	1.31%	0.304%
21	11.552	1410	1422	1431	rBV2	159823	303027	0.40%	0.093%
22	12.757	1622	1627	1636	rVB	489449	766759	1.01%	0.236%
23	13.363	1723	1730	1740	rVV	1184718	1836115	2.42%	0.565%
24	13.581	1762	1767	1776	rVB2	139083	226800	0.30%	0.070%
25	13.975	1825	1834	1841	rBV	3340713	4638935	6.12%	1.427%
26	14.257	1875	1882	1890	rBV	3720264	5137082	6.77%	1.580%
27	14.563	1926	1934	1946	rVB	2208533	3206286	4.23%	0.986%
28	14.757	1962	1967	1979	rBV	273378	486753	0.64%	0.150%
29	14.881	1984	1988	1994	rVB	80095	118448	0.16%	0.036%
30	15.557	2094	2103	2109	rBV	4584548	6549823	8.64%	2.015%
31	15.675	2117	2123	2135	rVB	1589740	2057513	2.71%	0.633%
32	15.922	2159	2165	2177	rVB	651512	883401	1.16%	0.272%
33	16.263	2219	2223	2232	rBV	83541	143339	0.19%	0.044%
34	17.057	2354	2358	2362	rBV	69628	87940	0.12%	0.027%
35	17.310	2395	2401	2408	rBV	2891419	3971735	5.24%	1.222%
36	17.410	2411	2418	2428	rBV	5506620	7494279	9.88%	2.305%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02378-18
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0ML1

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-BN041023.M
Title : SVOA CALIBRATION

37	18.198	2547	2552	2557	rBV	198231	267533	0.35%	0.082%
38	19.269	2730	2734	2739	rBV	72405	105041	0.14%	0.032%
39	19.339	2741	2746	2752	rBV	77612	124400	0.16%	0.038%
40	19.475	2765	2769	2777	rBV	165629	229242	0.30%	0.071%
41	19.704	2802	2808	2814	rBV	6710284	8952448	11.81%	2.754%
42	21.204	3059	3063	3071	rBV2	190352	339590	0.45%	0.104%
43	21.504	3108	3114	3121	rBV	3777236	4751708	6.27%	1.462%
44	23.180	3396	3399	3405	rBV2	124277	184339	0.24%	0.057%
45	23.798	3495	3504	3516	rBV2	5241314	10864872	14.33%	3.342%
46	23.945	3522	3529	3543	rVB2	2644977	5412842	7.14%	1.665%

Sum of corrected areas: 325072867

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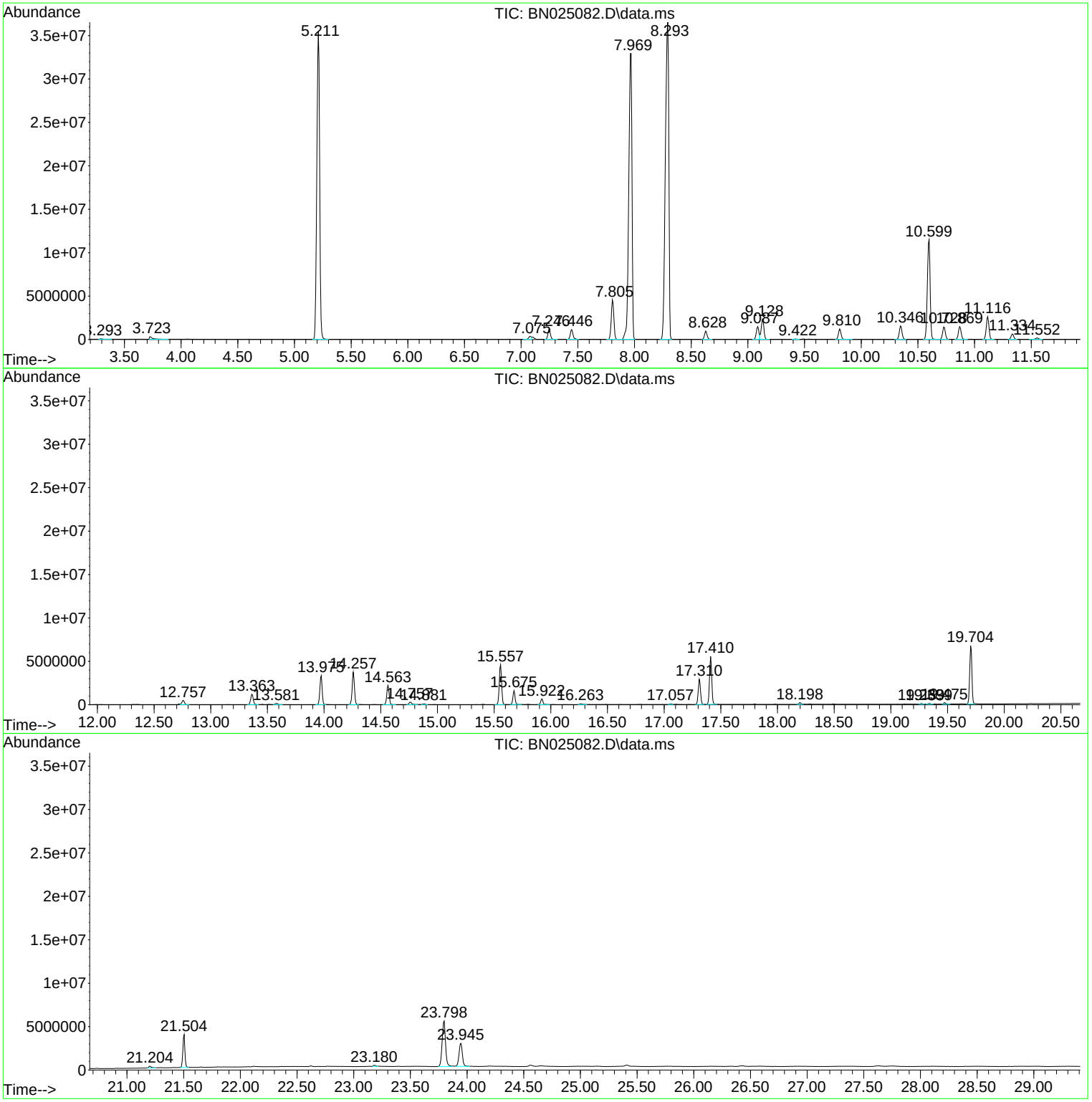
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

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



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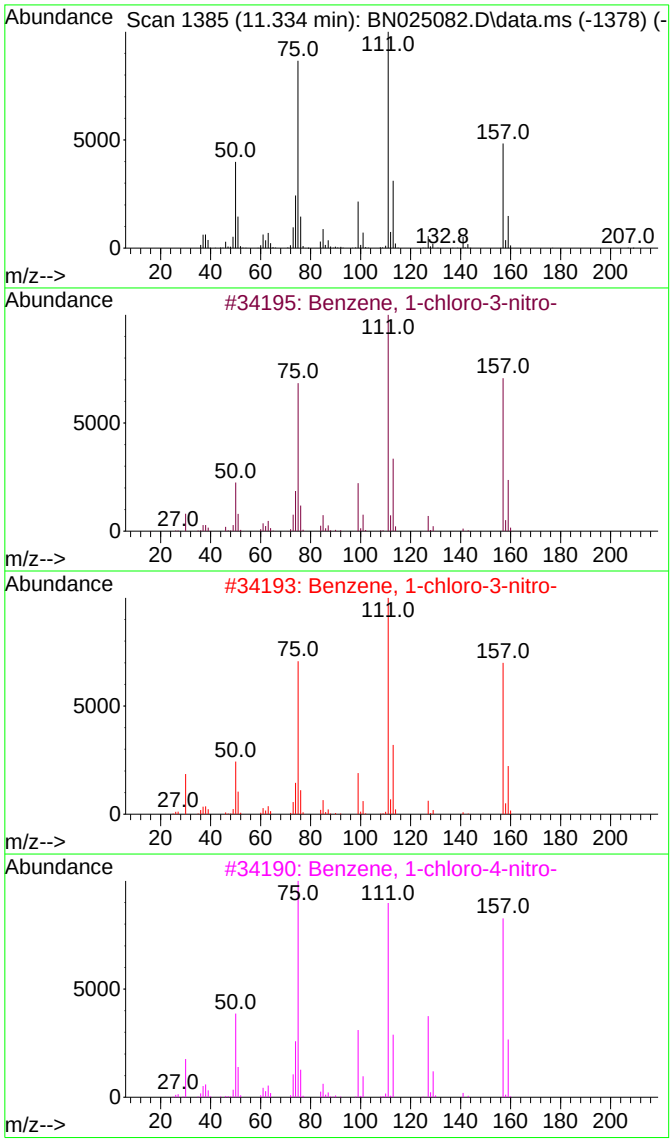
Quant Title : SVOA CALIBRATION

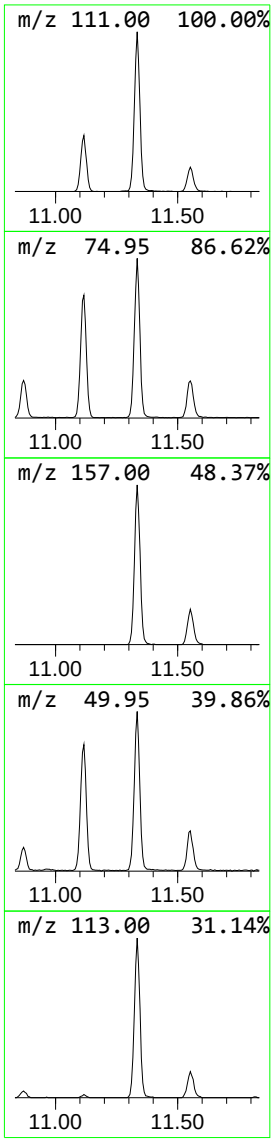
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.334	8.34 ng/ul	989734	Naphthalene-d8	10.728

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-3-nitro-	157	C6H4ClNO2	000121-73-3	90
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	83
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	74
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	64





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Instrument :
BNA_N
ClientSampleId :
C0ML1

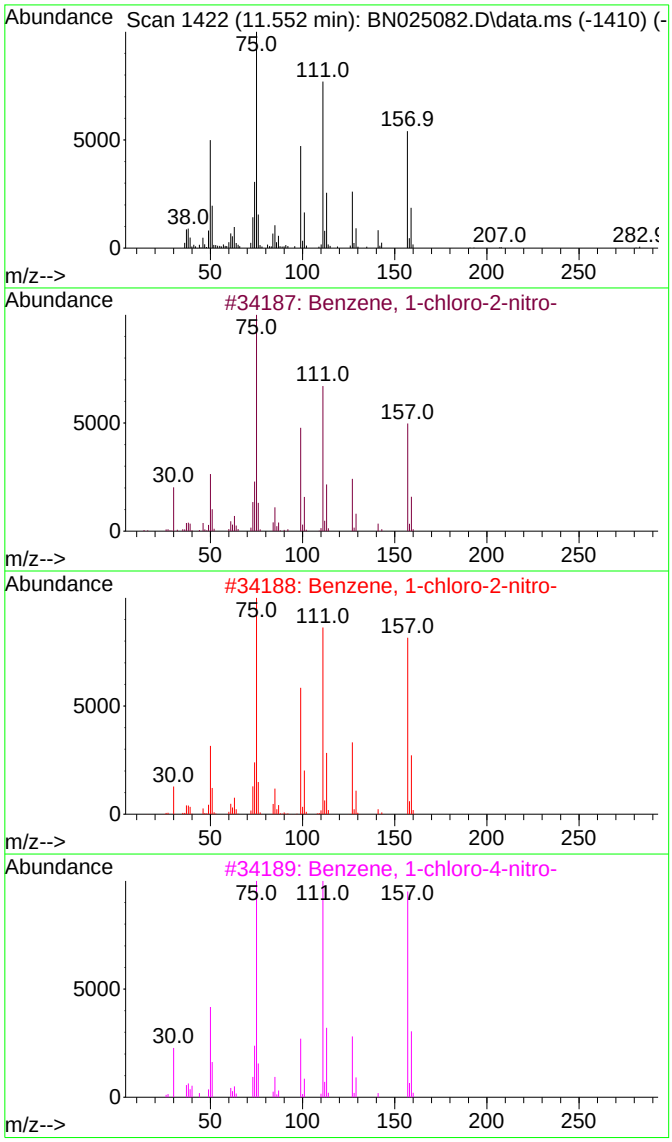
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

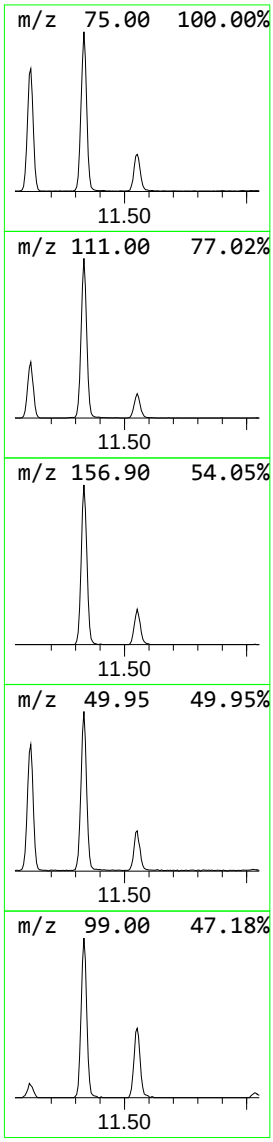
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-chloro-2-nitro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.552	2.55 ng/ul	303027	Naphthalene-d8	10.728

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	94
4	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	93





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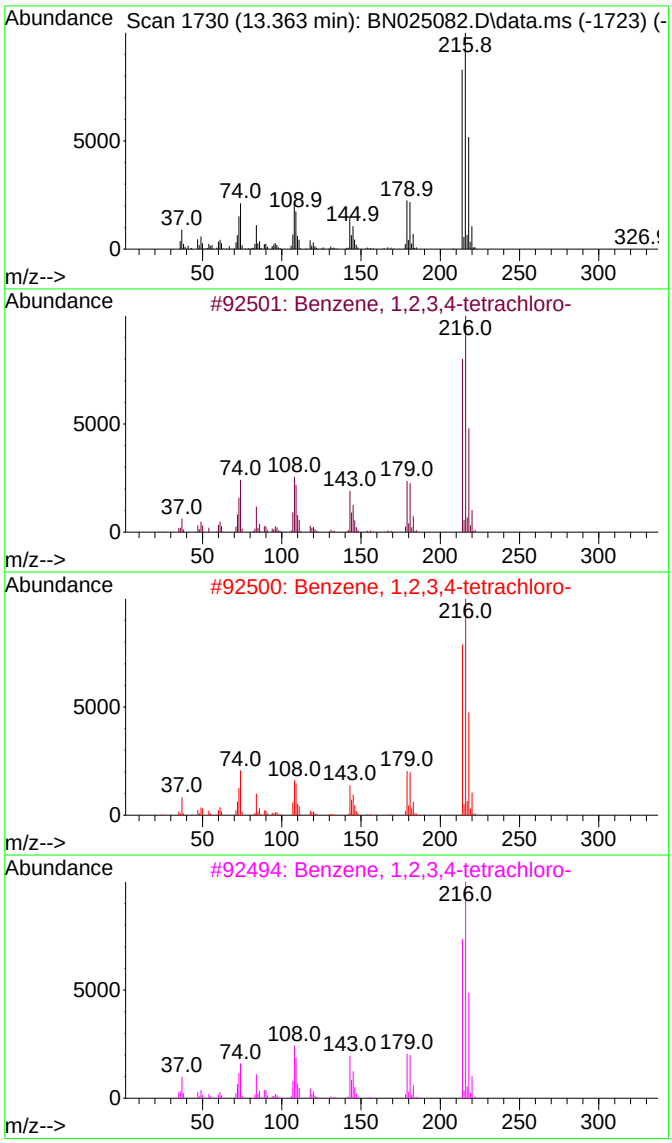
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

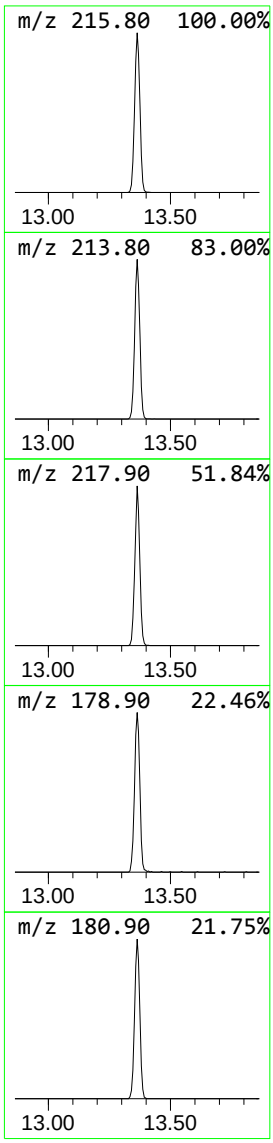
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.363	11.45 ng/ul	1836120	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
3	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
4	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99





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ClientSampleId :
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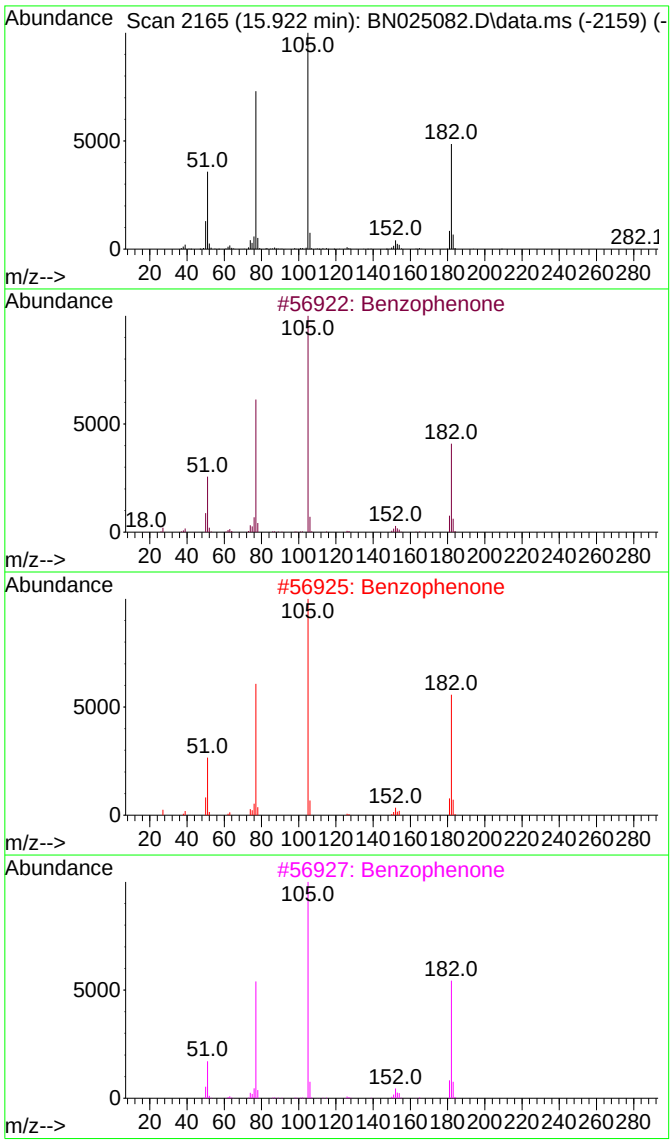
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION

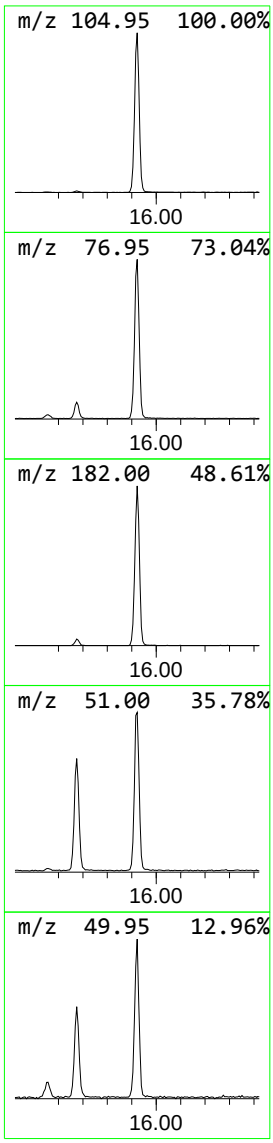
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.922	5.51 ng/ul	883401	Acenaphthene-d10	14.563

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	97
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Tentatively Identified Compound (LSC) summary

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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-chlo...	11.334	8.3	ng/ul	989734	2	10.728	2373130	20.0
Benzene, 1-chlo...	11.552	2.5	ng/ul	303027	2	10.728	2373130	20.0
Benzene, 1,2,3,...	13.363	11.4	ng/ul	1836120	3	14.563	3206290	20.0
Benzophenone	15.922	5.5	ng/ul	883401	3	14.563	3206290	20.0