LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM043419.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.387	30	34	42	rVB	121391	153241	0.19%	0.062%
2	3.810	102	106	127	rVB	978074	1470745	1.80%	0.593%
3	5.281	351	356	370	rVB	382831	583257	0.71%	0.235%
4	7.151	667	674	686	rBV	1920579	3091239	3.78%	1.247%
5	7.328	698	704	718	rBV	1537538	2407803	2.94%	0.972%
6	7.522	729	737	746	rBV	1805015	2976206	3.64%	1.201%
7	7.875	790	797	806	rBV	1163481	1913307	2.34%	0.772%
8	7.992	810	817	818	rBV	1877883	2420256	2.96%	0.977%
9	8.034	818	824	838	rVB	16269258	27070460	33.09%	10.923%
10	8.345	869	877	888	rBV	5016322	8283433	10.13%	3.342%
11	8.704	930	938	950	rBV	2281962	3723362	4.55%	1.502%
12	9.163	1009	1016	1029	rBV	1792629	2986143	3.65%	1.205%
13	9.492	1064	1072	1078	rBV	380857	648813	0.79%	0.262%
14	9.722	1104	1111	1115	rBV2	257964	501141	0.61%	0.202%
15	9.763	1115	1118	1122	rVV	227117	465847	0.57%	0.188%
16	9.804	1122	1125	1131	rVV	289200	500365	0.61%	0.202%
17	9.881	1131	1138	1145	rVV	1359462	2358938	2.88%	0.952%
18	9.933	1145	1147	1154	rVB	97047	140735	0.17%	0.057%
19	10.175	1181	1188	1196	rVB	72646	133579	0.16%	0.054%
20	10.422	1221	1230	1244	rBV	2120778	3576067	4.37%	1.443%
21	10.680	1262	1274	1286	rBV	40506537	81796964	100.00%	33.005%
22	10.804	1288	1295	1304	rVB	2654756	4399304	5.38%	1.775%
23	10.945	1311	1319	1336	rBV	2073572	3585133	4.38%	1.447%
24	11.186	1351	1360	1370	rBV	12282561	20368013	24.90%	8.219%
25	11.551	1415	1422	1426	rBV2	63956	115020	0.14%	0.046%
26	12.357	1551	1559	1570	rBV3	92770	220200	0.27%	0.089%
27	12.533	1583	1589	1596	rBV2	103330	173535	0.21%	0.070%
28	12.780	1621	1631	1633	rBV	349508	527623	0.65%	0.213%
29	12.816	1633	1637	1644	rVV	1399805	2159677	2.64%	0.871%
30	13.421	1732	1740	1751	rBV	5626466	8594589	10.51%	3.468%
31	14.039	1837	1845	1853	rBV	3129993	4384410	5.36%	1.769%
32	14.316	1886	1892	1903	rVB	3921995	5775037	7.06%	2.330%
33	14.621	1936	1944	1952	rBV	3507186	5108906	6.25%	2.061%
34	14.821	1972	1978	1991	rBV	1247363	1971172	2.41%	0.795%
35	14.933	1991	1997	2006	rVV	701899	1077744	1.32%	0.435%
36	15.615	2106	2113	2125	rVB	4319991	6343547	7.76%	2.560%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

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_M\Methods\SFAM-EPA-BM121523.MA.M
Title : SVOA CALIBRATION

37	15.733	2126	2133	2144	rBV	894085	1242406	1.52%	0.501%
38	17.362	2404	2410	2420	rBV	3369450	4858604	5.94%	1.960%
39	17.462	2420	2427	2434	rBV2	4108272	5846359	7.15%	2.359%
40	18.262	2558	2563	2570	rBV	229062	347022	0.42%	0.140%
41	19.539	2776	2780	2787	rBV6	56438	95171	0.12%	0.038%
42	19.750	2810	2816	2823	rBV	4359698	5624674	6.88%	2.270%
43	20.268	2901	2904	2908	rBV2	103992	141070	0.17%	0.057%
44	20.580	2954	2957	2962	rBV2	167010	217540	0.27%	0.088%
45	21.256	3068	3072	3083	rVB	1278800	1765120	2.16%	0.712%
46	21.439	3097	3103	3115	rVB2	482069	1367068	1.67%	0.552%
47	21.539	3115	3120	3133	rVB	3119442	4326506	5.29%	1.746%
48	22.197	3229	3232	3240	rVB2	287340	432039	0.53%	0.174%
49	23.809	3499	3506	3514	rVB2	2716667	5353265	6.54%	2.160%
50	23.968	3526	3533	3541	rVB	2080512	4207123	5.14%	1.698%

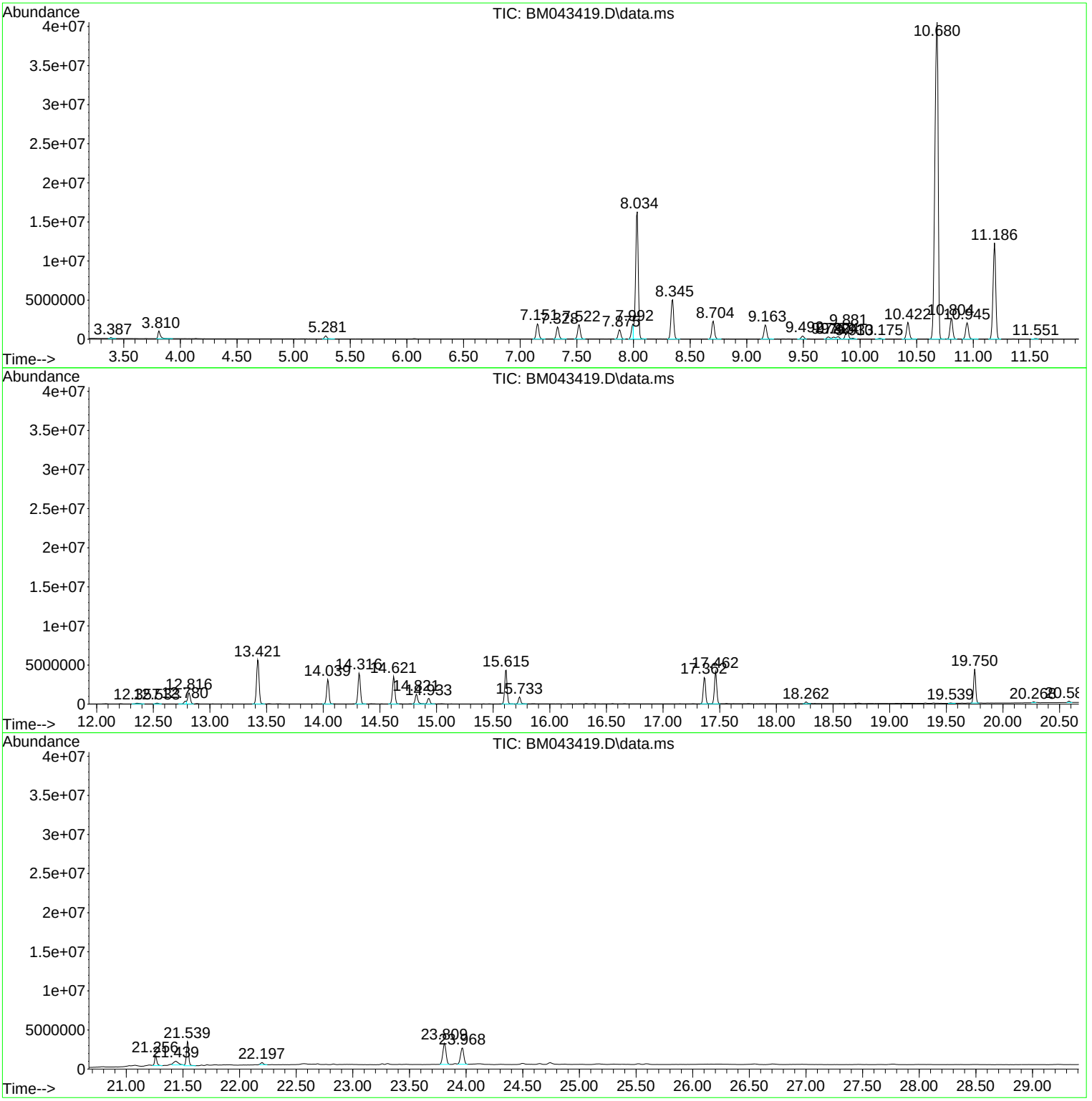
Sum of corrected areas: 247829778

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

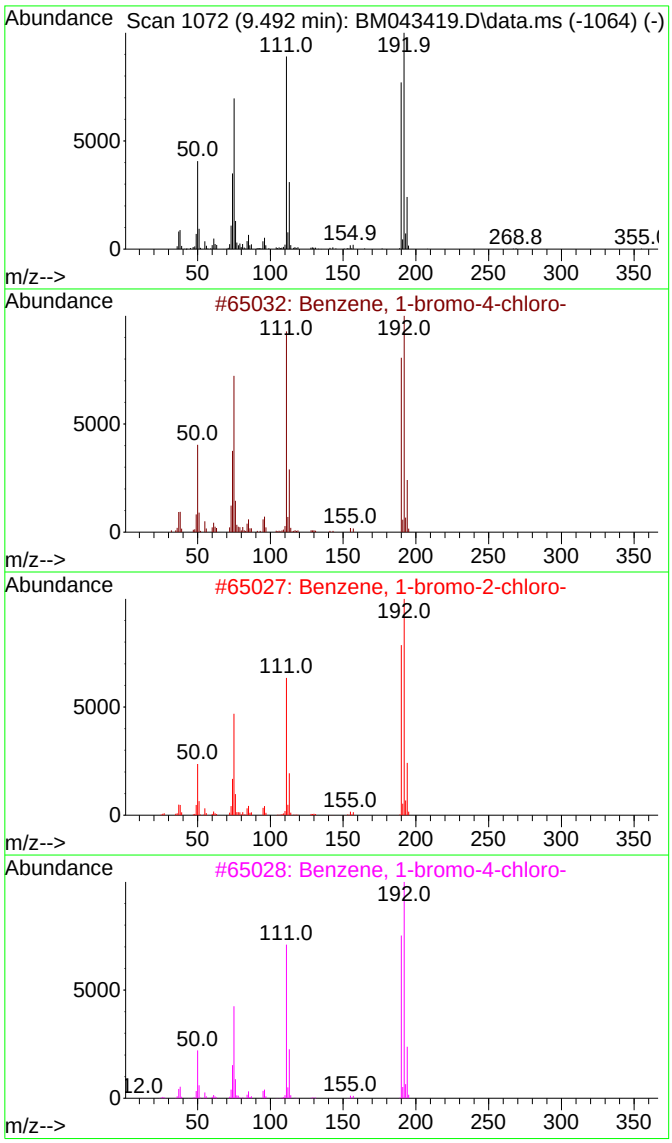
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

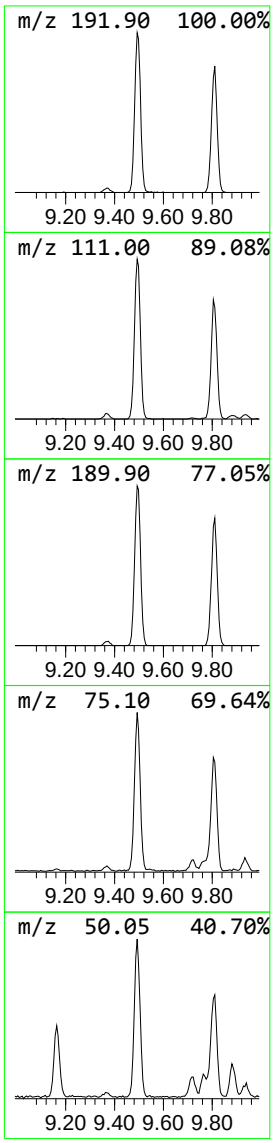
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	2.95 ng/ul	648813	Naphthalene-d8	10.804

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

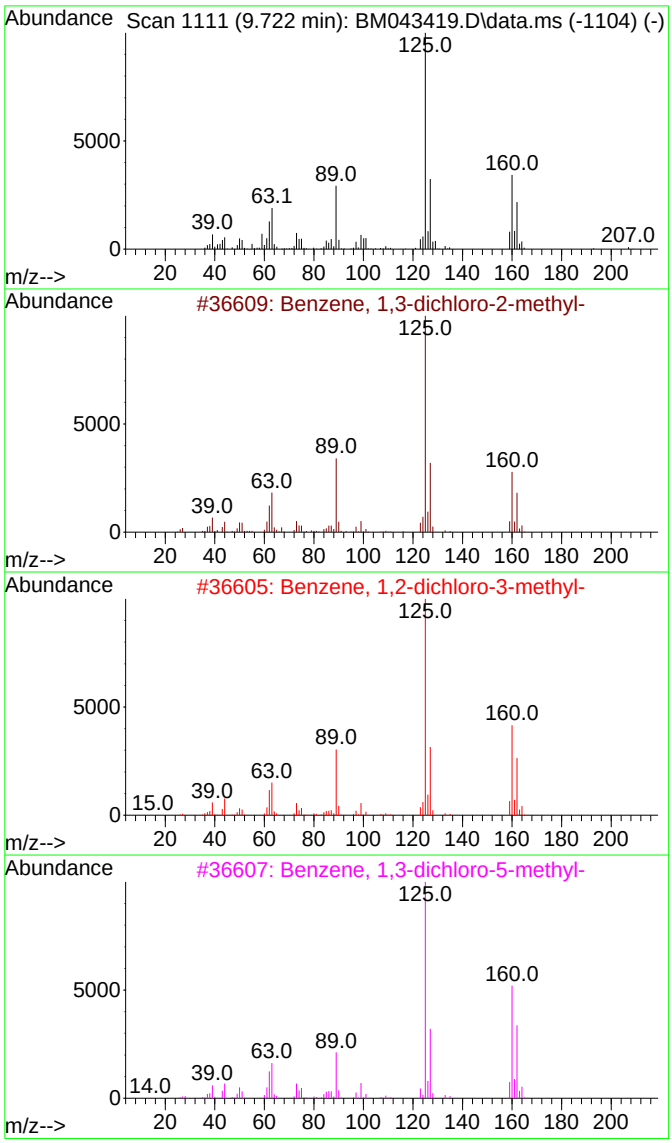
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

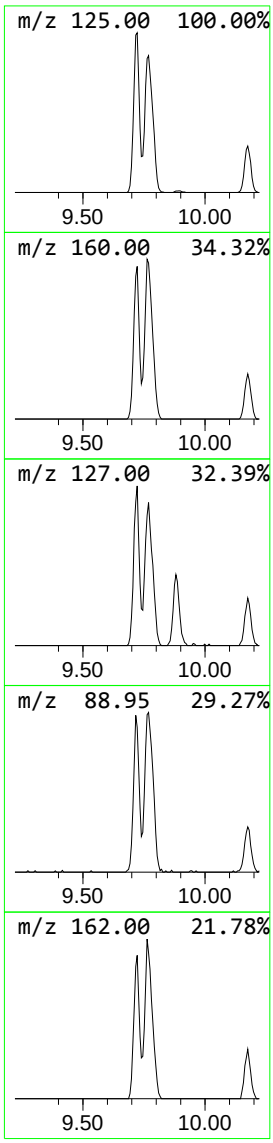
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-dichloro-2-met... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.722	2.28 ng/ul	501141	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	98
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
3	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	97
4	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
5	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

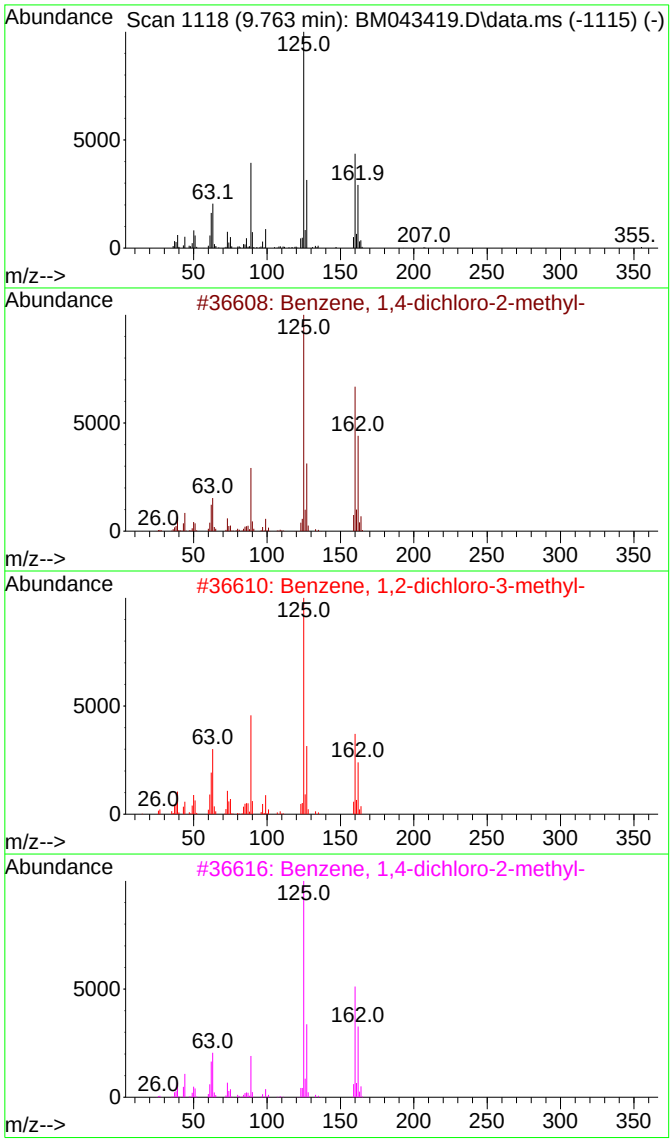
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

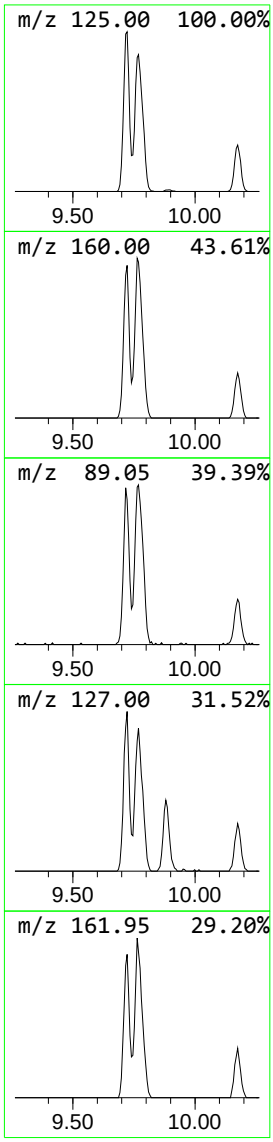
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,4-dichloro-2-met... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.763	2.12 ng/ul	465847	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
2	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	96
3	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96
4	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	95
5	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

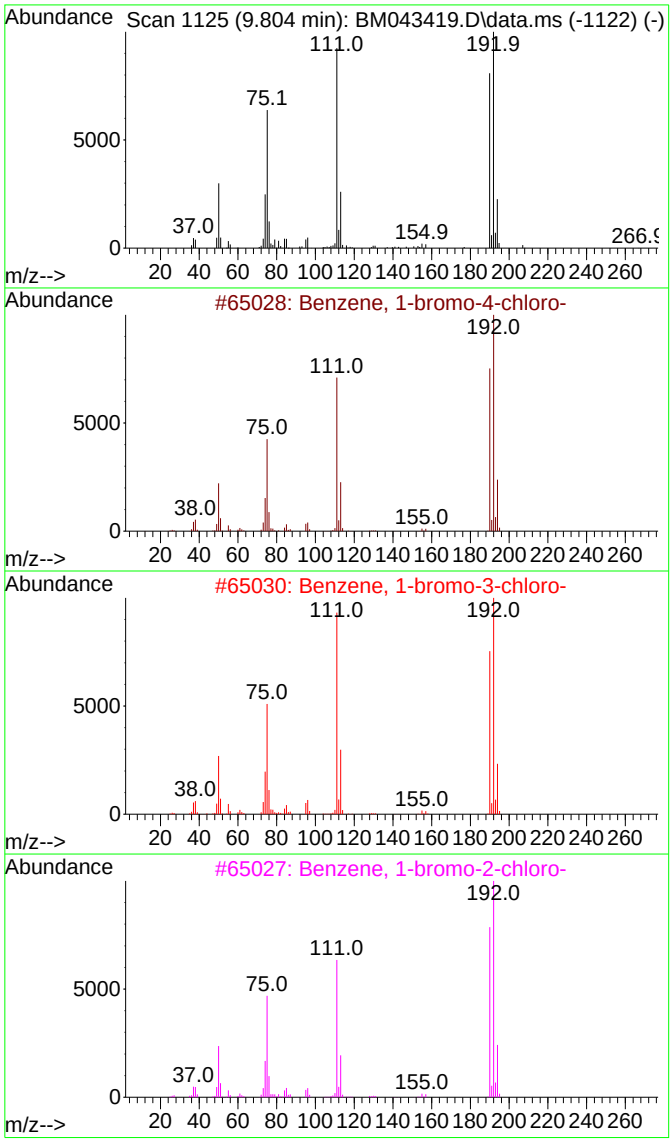
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

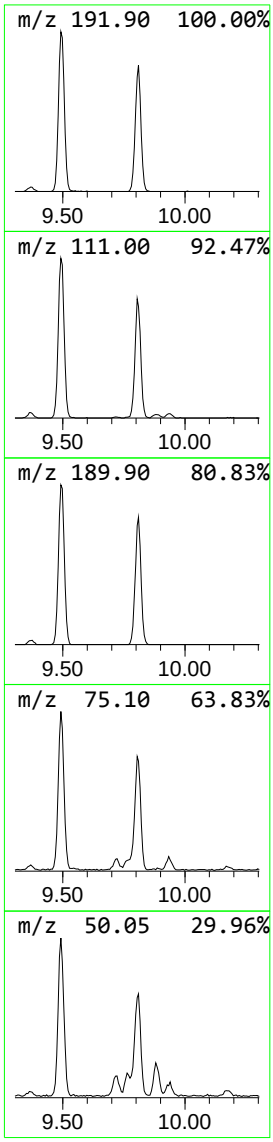
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-bromo-3-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.804	2.27 ng/ul	500365	Naphthalene-d8	10.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

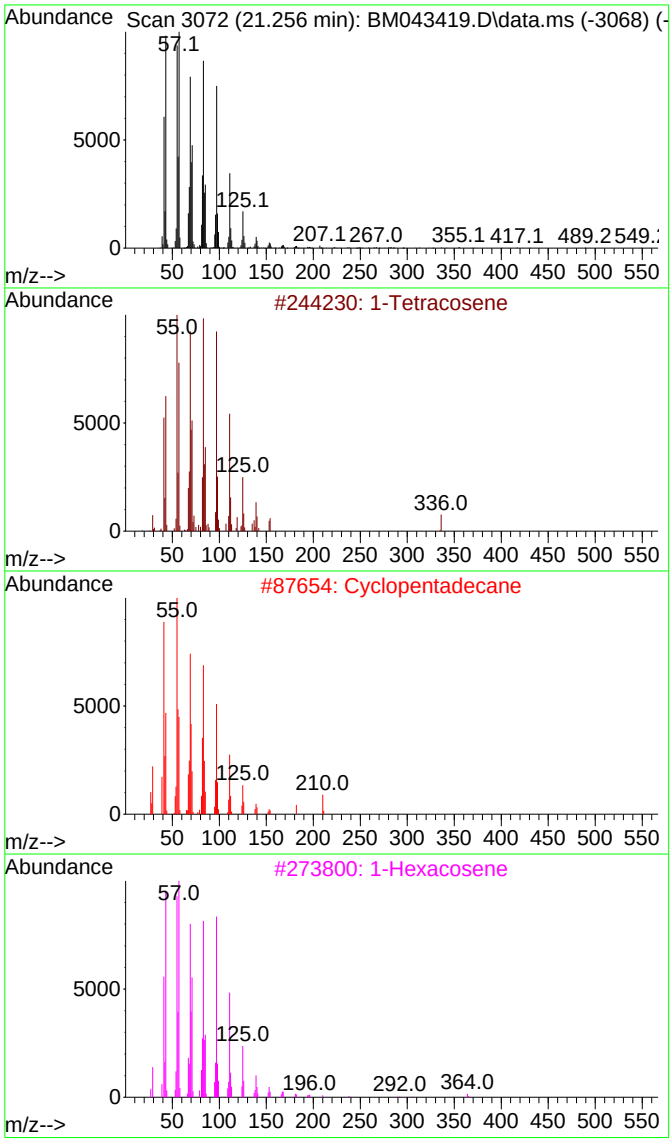
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

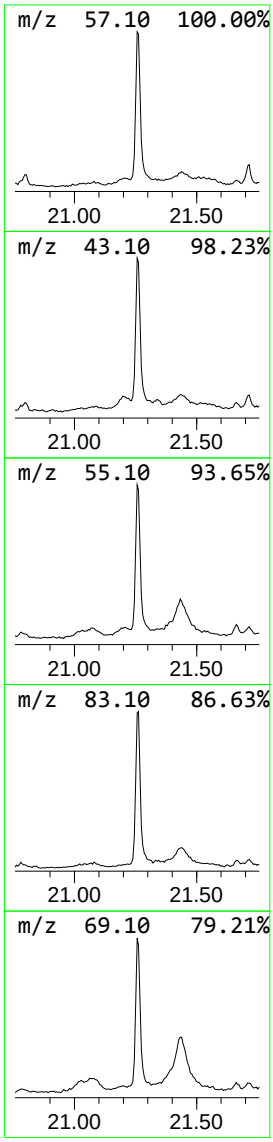
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.256	8.16 ng/ul	1765120	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Pentacos-1-ene	350	C25H50	016980-85-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

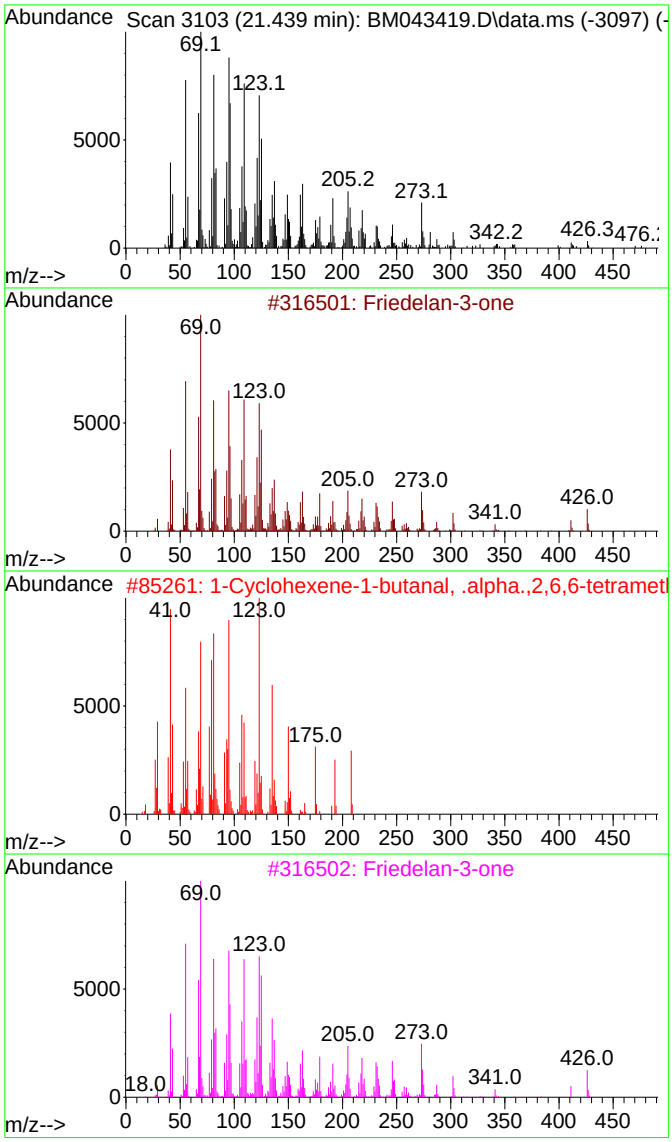
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION

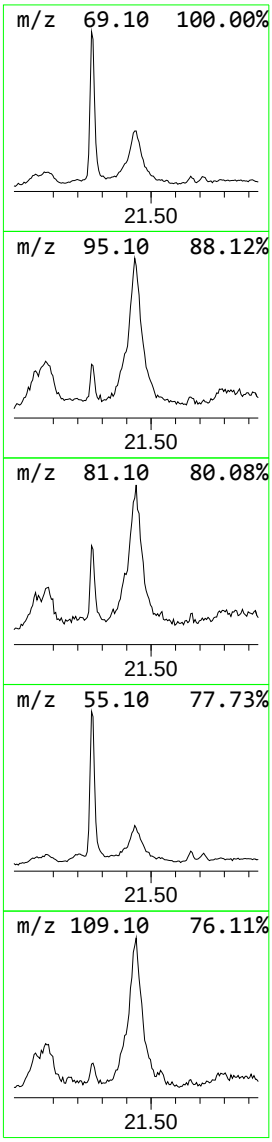
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 1-Cyclohexene-1-butanal, .a... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.439	6.32 ng/ul	1367070	Chrysene-d12	21.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	60
2	1-Cyclohexene-1-butanal, .alpha....	208	C14H24O	021632-06-4	53
3	Friedelan-3-one	426	C30H50O	000559-74-0	46
4	1-Methylbicyclo[3.2.1]octane	124	C9H16	119972-41-7	38
5	3,6-Octadienal, 3,7-dimethyl-	152	C10H16O	055722-59-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043419.D
Acq On : 19 Dec 2023 07:23
Operator : MA/JU
Sample : 05807-16
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B01

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.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...	9.492	3.0	ng/ul	648813	2	10.804	4399300	20.0
Benzene, 1,3-di...	9.722	2.3	ng/ul	501141	2	10.804	4399300	20.0
Benzene, 1,4-di...	9.763	2.1	ng/ul	465847	2	10.804	4399300	20.0
Benzene, 1-brom...	9.804	2.3	ng/ul	500365	2	10.804	4399300	20.0
(DEL) Alkane: S...	21.256	8.2	ng/ul	1765120	5	21.539	4326510	20.0
1-Cyclohexene-1...	21.439	6.3	ng/ul	1367070	5	21.539	4326510	20.0