LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

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-BM050421.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.957	336	352	357	rBV2	40556410	167029160	84.93%	23.897%
2	6.922	681	686	701	rVB	330417	597233	0.30%	0.085%
3	7.110	712	718	729	rVB	378654	703180	0.36%	0.101%
4	7.469	770	779	792	rBV	15478959	31625540	16.08%	4.525%
5	7.657	792	811	816	rBV4	46163798	167762310	85.30%	24.001%
6	7.993	848	868	872	rBV2	46435062	196675003	100.00%	28.138%
7	8.287	912	918	933	rVB	234056	450397	0.23%	0.064%
8	8.722	986	992	995	rBV	467848	770424	0.39%	0.110%
9	8.769	995	1000	1018	rVB	1341242	2324365	1.18%	0.333%
10	9.051	1042	1048	1060	rBV	286684	491076	0.25%	0.070%
11	9.363	1097	1101	1108	rVB	152692	267628	0.14%	0.038%
12	9.440	1108	1114	1121	rBV	356847	641924	0.33%	0.092%
13	9.981	1199	1206	1225	rBV	475728	903936	0.46%	0.129%
14	10.245	1237	1251	1255	rBV	37153096	81778938	41.58%	11.700%
15	10.351	1264	1269	1276	rVB	456741	701651	0.36%	0.100%
16	10.739	1325	1335	1352	rBV	11879409	20230198	10.29%	2.894%
17	10.951	1364	1371	1391	rVB	681732	1254255	0.64%	0.179%
18	11.163	1401	1407	1425	rVB	124819	279998	0.14%	0.040%
19	12.386	1610	1615	1625	rVB	861896	1379220	0.70%	0.197%
20	13.004	1711	1720	1733	rBV	2764909	4131998	2.10%	0.591%
21	13.633	1819	1827	1833	rBV	916748	1347622	0.69%	0.193%
22	13.904	1862	1873	1884	rBV	1161977	1756445	0.89%	0.251%
23	14.210	1919	1925	1940	rBV	580047	889518	0.45%	0.127%
24	15.210	2088	2095	2110	rBV	1399468	2013140	1.02%	0.288%
25	15.345	2113	2118	2132	rVV	344348	562930	0.29%	0.081%
26	16.957	2385	2392	2403	rBV	664894	984702	0.50%	0.141%
27	17.057	2403	2409	2422	rBV	1458618	2143032	1.09%	0.307%
28	18.333	2617	2626	2635	rBV	480157	660876	0.34%	0.095%
29	19.357	2793	2800	2815	rBV	1960410	2665462	1.36%	0.381%
30	21.145	3099	3104	3115	rBV	828321	1213406	0.62%	0.174%
31	23.168	3442	3448	3464	rVB	1644647	3213762	1.63%	0.460%
32	23.303	3465	3471	3482	rVB	678215	1319542	0.67%	0.189%
33	23.821	3555	3559	3564	rVB2	118462	197658	0.10%	0.028%

LSC Area Percent Report

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Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

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-BM050421.M
Title : SVOA CALIBRATION

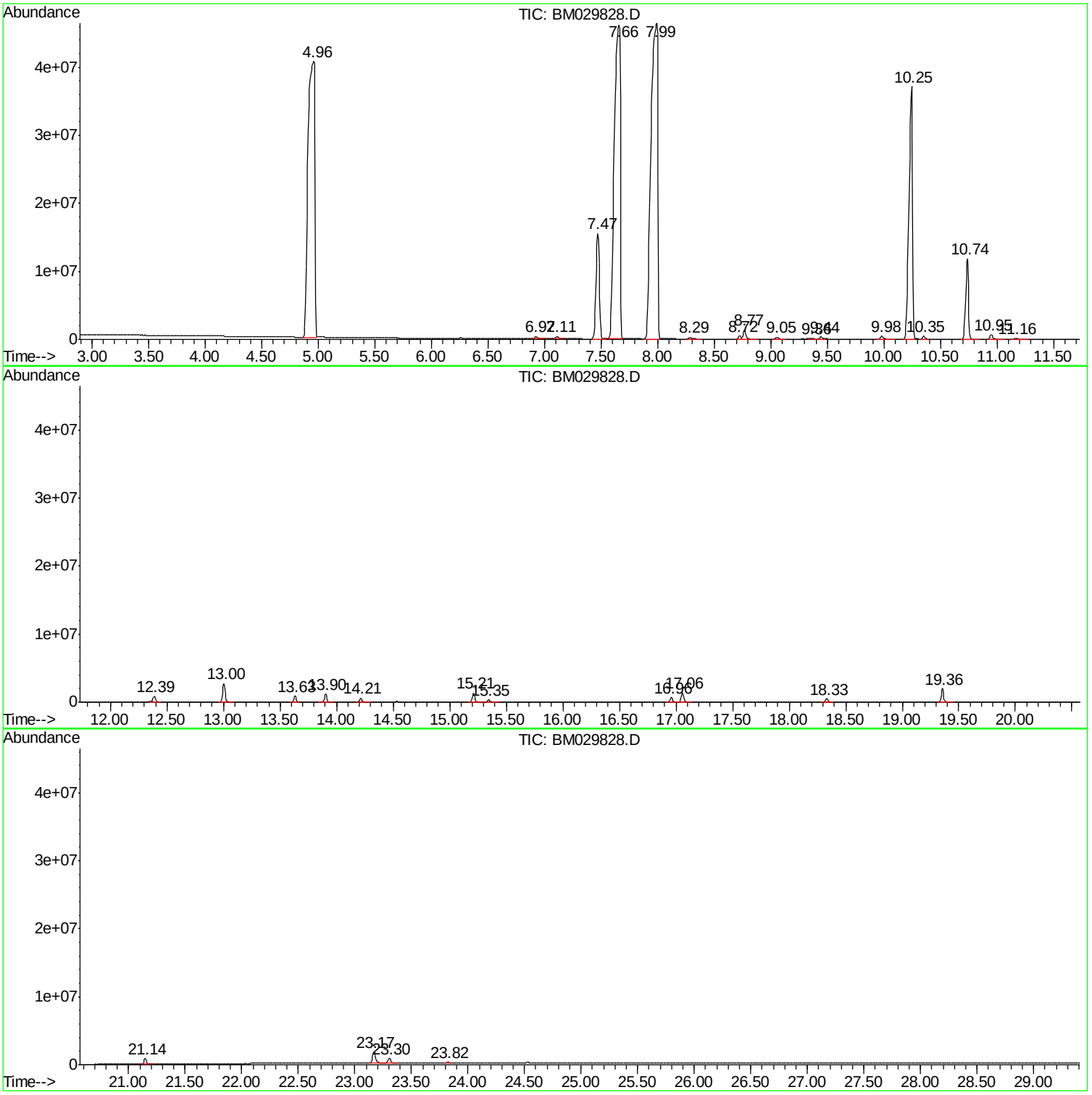
Sum of corrected areas: 698966529

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

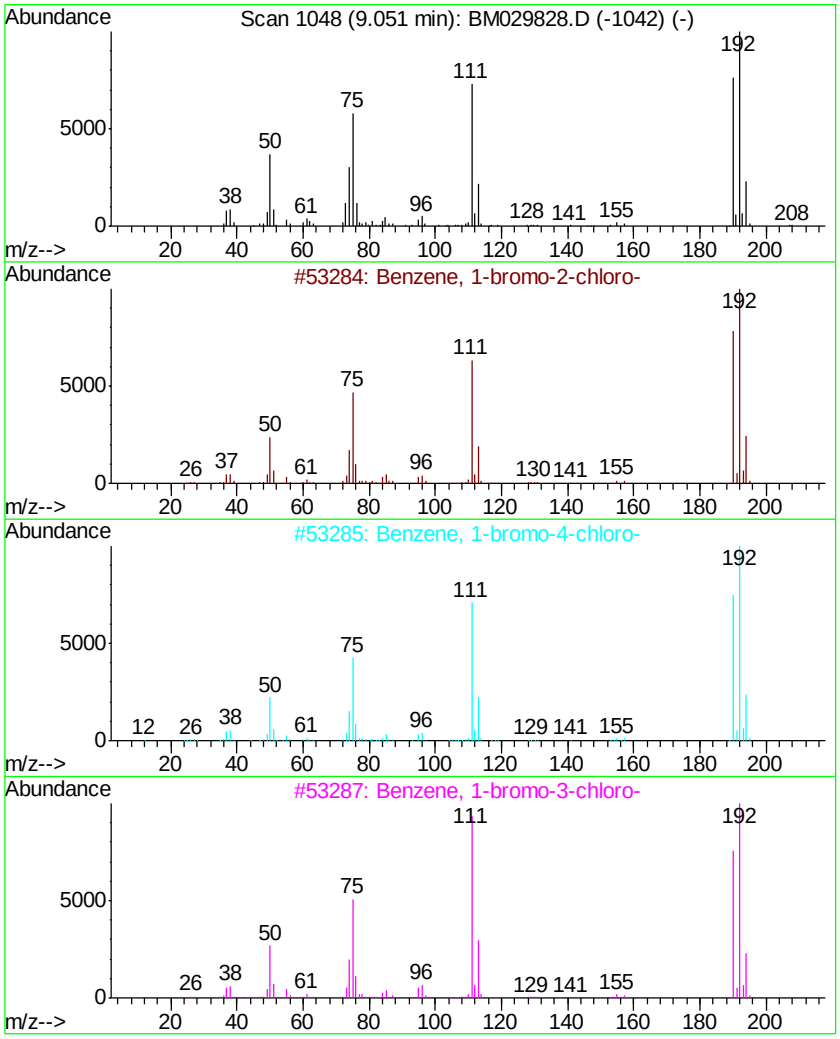
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

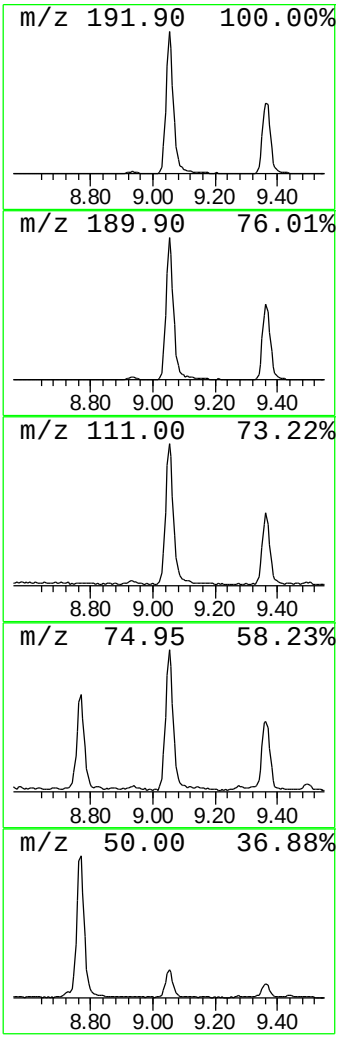
****

Peak Number 5 Benzene, 1-bromo-2-chloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	14.00 ng/ul	491076	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	97
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	96
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

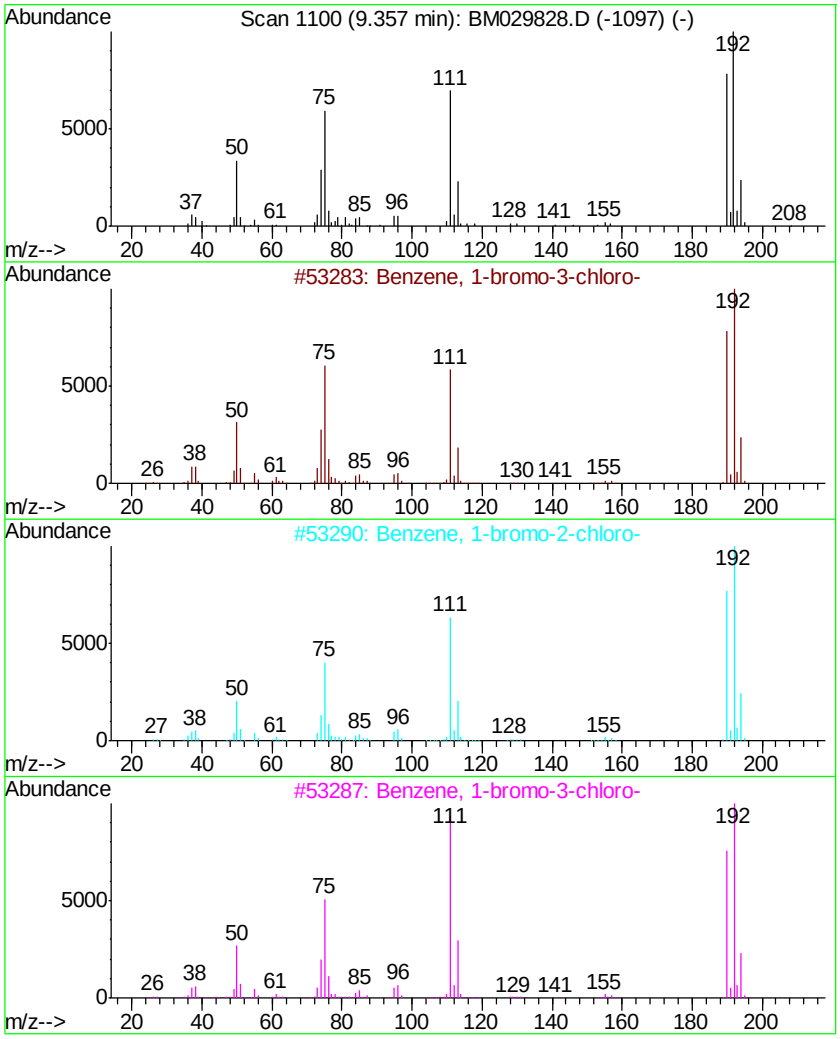
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

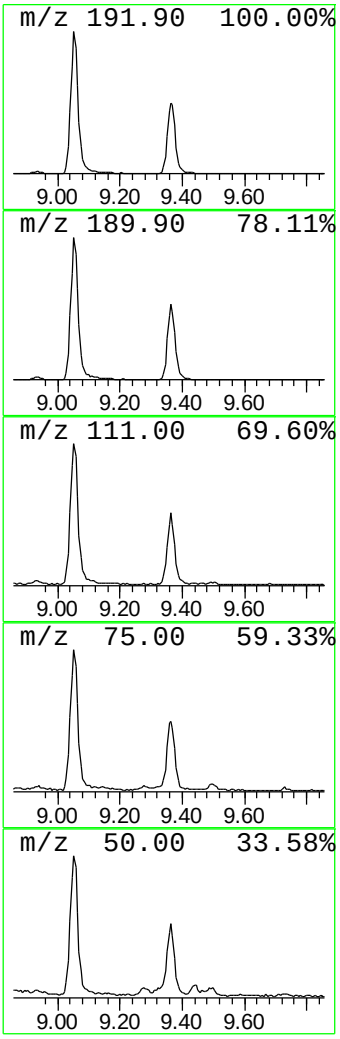
****

Peak Number 6 Benzene, 1-bromo-3-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	7.63 ng/ul	267628	Naphthalene-d8	10.35

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

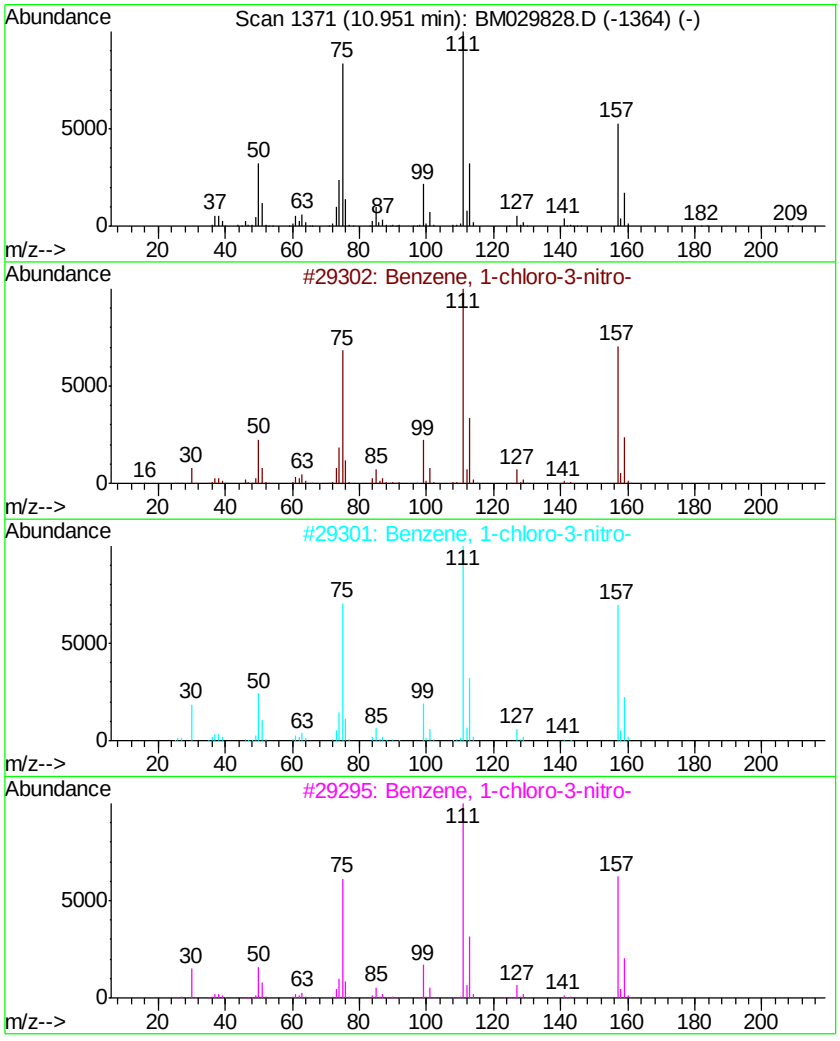
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

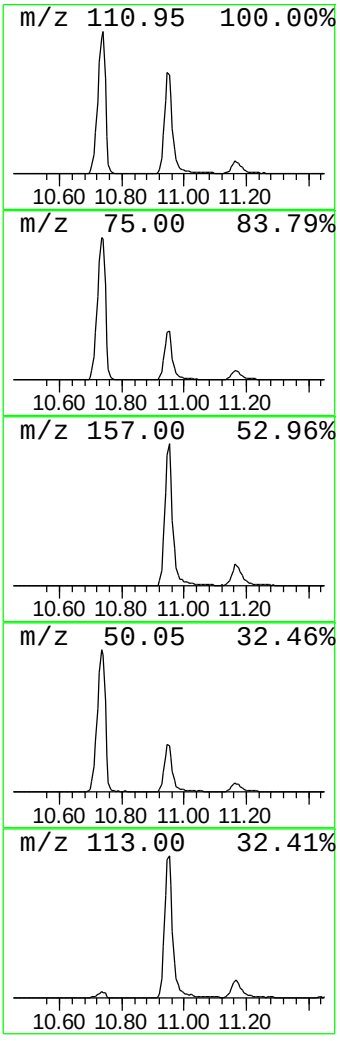
****

Peak Number 9 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	35.75 ng/ul	1254260	Naphthalene-d8	10.35

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	94
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029828.D
Acq On : 05 May 2021 15:55
Operator : CG/JU
Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

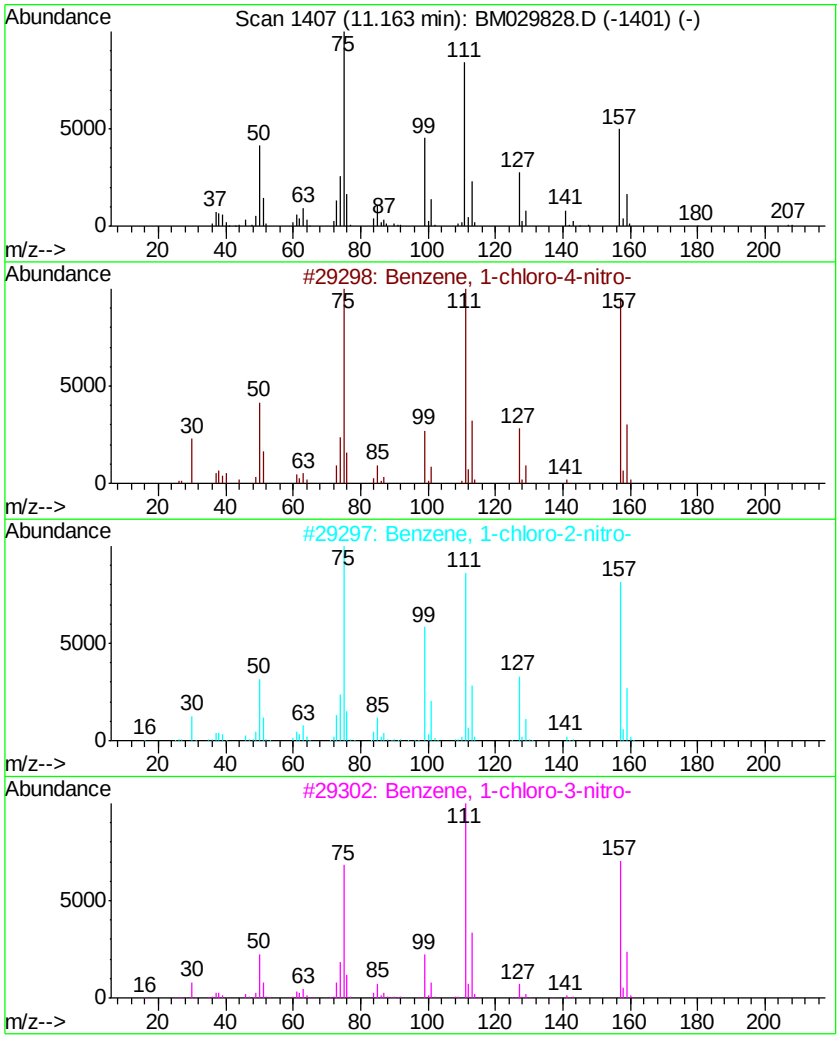
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

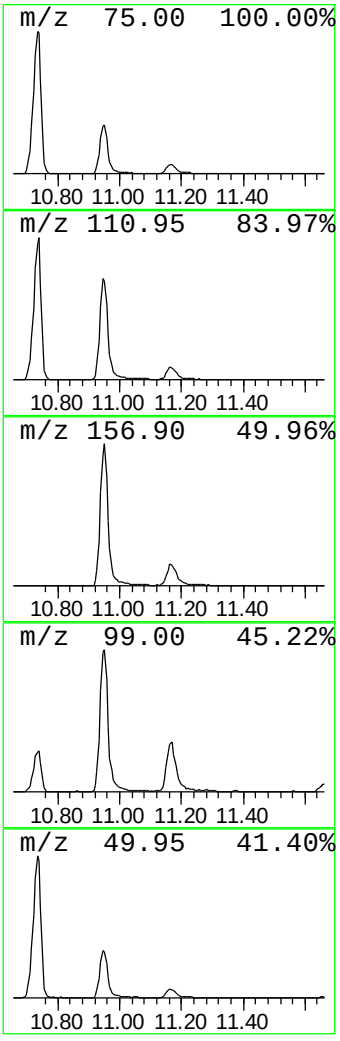
****

Peak Number 10 Benzene, 1-chloro-4-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	7.98 ng/ul	279998	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	95
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	95
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	93
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	92
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	92





Library Search Compound Report

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Sample : M2144-05
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

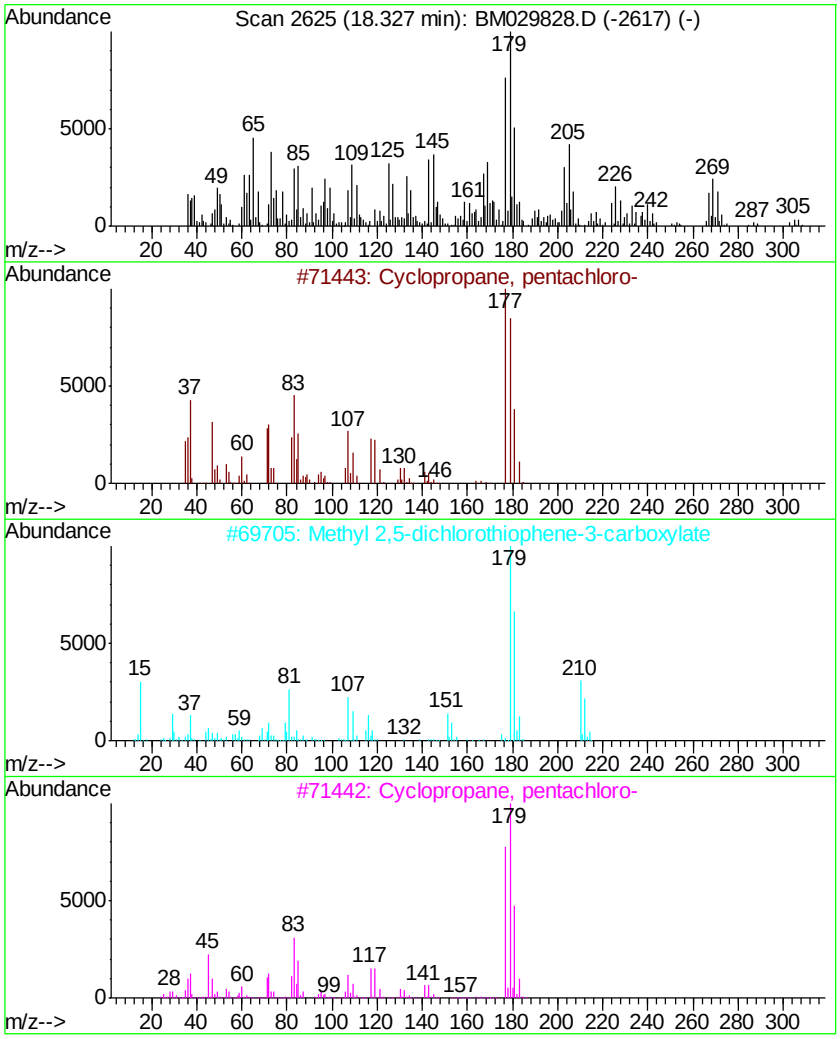
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

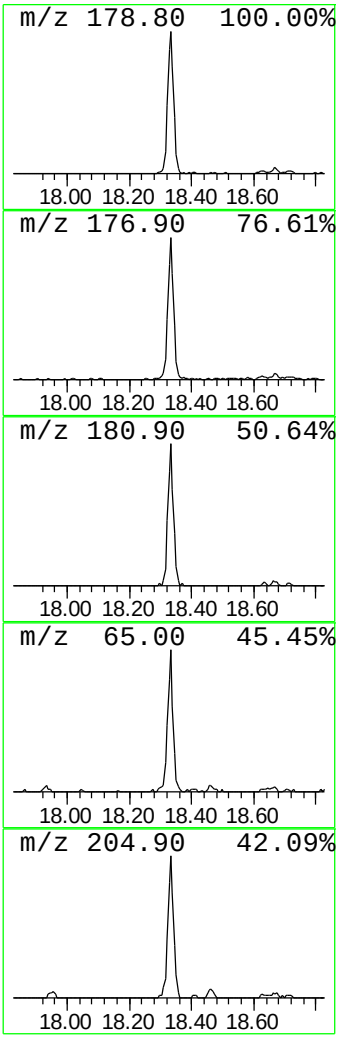
****

Peak Number 11 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	13.42 ng/ul	660876	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	16
2	Methyl 2,5-dichlorothiophene-3-c...	210	C6H4Cl2O2S	145129-54-0	14
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	12
4	Germanium tetrachloride	214	Cl4Ge	010038-98-9	12
5	3-Fluorobenzotrichloride	212	C7H4Cl3F	1000342-36-1	11





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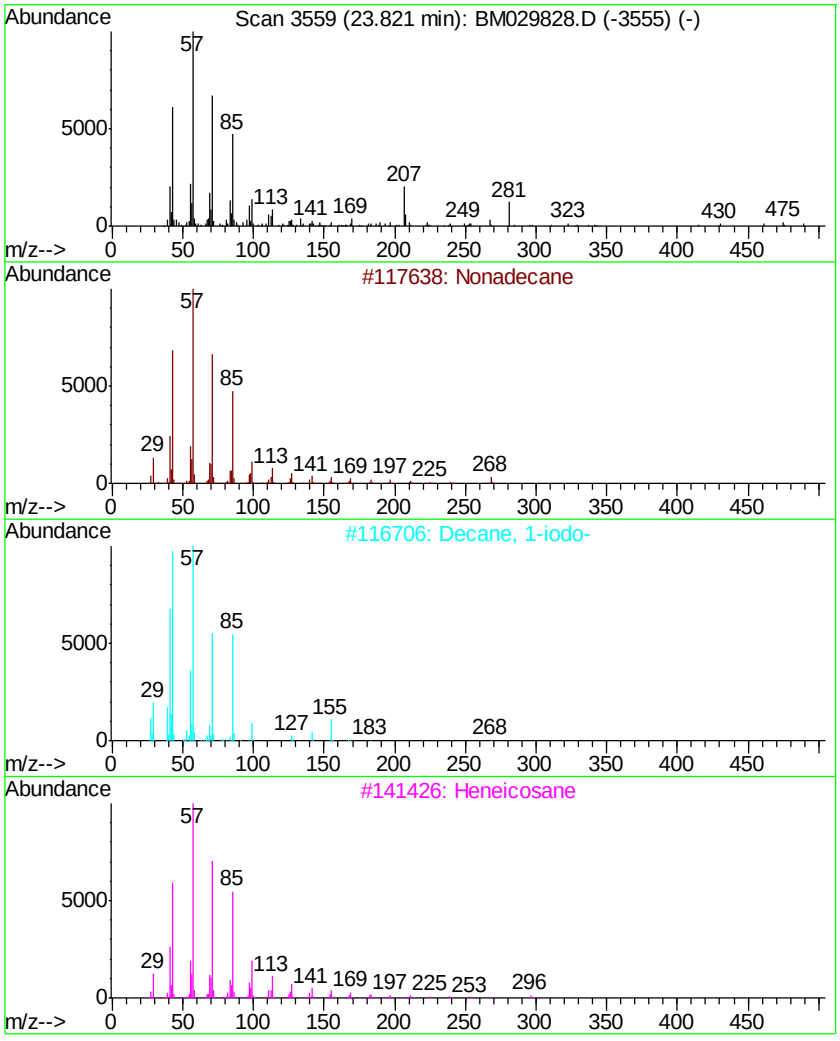
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

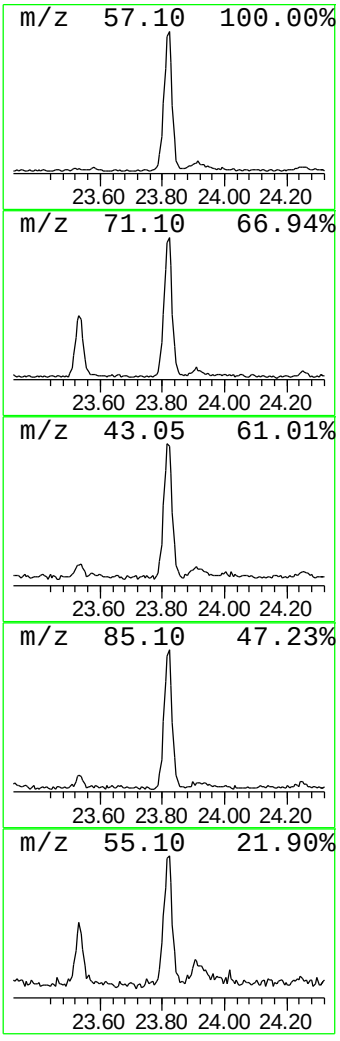
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.82	3.00 ng/ul	197658	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	52
3	Heneicosane	296	C21H44	000629-94-7	52
4	2-methylhexacosane	380	C27H56	1000376-72-7	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM050421\
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Operator : CG/JU
Sample : M2144-05
Misc :
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Instrument : BNA_M
ClientSampleId : C0GH5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.05	14.0	ng/ul	491076	2	10.35	701651	20.0
Benzene, 1-bromo-...	9.36	7.6	ng/ul	267628	2	10.35	701651	20.0
Benzene, 1-chloro...	10.95	35.8	ng/ul	1254260	2	10.35	701651	20.0
Benzene, 1-chloro...	11.16	8.0	ng/ul	279998	2	10.35	701651	20.0
unknown-01	18.33	13.4	ng/ul	660876	4	16.96	984702	20.0
(DEL) Alkane: Str...	23.82	3.0	ng/ul	197658	6	23.30	1319540	20.0