LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

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_P\METHODS\SOM-EPA-BP121020MA.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	5.228	330	347	351	rBV3	31163573	145945368	100.00%	19.721%
2	6.528	562	568	576	rVB	230702	383245	0.26%	0.052%
3	7.005	643	649	663	rVB2	299753	586557	0.40%	0.079%
4	7.175	671	678	688	rBV	900156	1638140	1.12%	0.221%
5	7.375	705	712	724	rVB	1080741	1923501	1.32%	0.260%
6	7.746	764	775	786	rBV	22935135	54388927	37.27%	7.349%
7	7.934	786	807	812	rBV3	32364646	145746527	99.86%	19.694%
8	8.263	844	863	864	rBV3	32450209	143281363	98.17%	19.361%
9	8.546	904	911	921	rVB	792827	1354263	0.93%	0.183%
10	8.999	980	988	991	rBV	1189539	2096579	1.44%	0.283%
11	9.046	991	996	1010	rVB	3467121	5806015	3.98%	0.785%
12	9.334	1038	1045	1056	rVV	754025	1251545	0.86%	0.169%
13	9.563	1078	1084	1088	rBV	163353	282007	0.19%	0.038%
14	9.610	1088	1092	1094	rVV	153956	264912	0.18%	0.036%
15	9.646	1094	1098	1104	rVV	422701	766375	0.53%	0.104%
16	9.716	1104	1110	1118	rVV	1035487	1873125	1.28%	0.253%
17	9.781	1118	1121	1129	rVB	98264	154272	0.11%	0.021%
18	10.257	1194	1202	1211	rBV	1469074	2660499	1.82%	0.359%
19	10.534	1235	1249	1255	rBV	33703580	102837170	70.46%	13.896%
20	10.651	1262	1269	1275	rBV	1080305	1679580	1.15%	0.227%
21	10.769	1281	1289	1298	rVB2	107877	227940	0.16%	0.031%
22	11.034	1324	1334	1348	rVB	21724615	42923039	29.41%	5.800%
23	11.234	1357	1368	1377	rBV	2368799	4077230	2.79%	0.551%
24	11.446	1396	1404	1413	rBV	552504	1023470	0.70%	0.138%
25	11.928	1476	1486	1499	rBV3	166044	355727	0.24%	0.048%
26	12.640	1592	1607	1608	rBV3	385984	762974	0.52%	0.103%
27	12.669	1608	1612	1621	rVB	2567667	4014059	2.75%	0.542%
28	13.057	1673	1678	1684	rBV	99883	153651	0.11%	0.021%
29	13.281	1708	1716	1728	rBV	7608470	12021602	8.24%	1.624%
30	13.381	1728	1733	1739	rVV3	85656	168138	0.12%	0.023%
31	13.492	1747	1752	1759	rVB2	109901	179043	0.12%	0.024%
32	13.887	1811	1819	1825	rBV	2718289	4207430	2.88%	0.569%
33	13.945	1825	1829	1836	rVB2	97239	176722	0.12%	0.024%
34	14.175	1861	1868	1876	rVB	3438196	5228801	3.58%	0.707%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

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_P\METHODS\SOM-EPA-BP121020MA.M
Title : SVOA CALIBRATION

35	14.487	1909	1921	1935	rVB	1615941	2438777	1.67%	0.330%
36	14.681	1945	1954	1963	rBV	307808	493762	0.34%	0.067%
37	14.810	1971	1976	1985	rVB	241854	371658	0.25%	0.050%
38	15.481	2084	2090	2106	rBV	4259922	6282054	4.30%	0.849%
39	15.610	2106	2112	2124	rVV	1292758	1870426	1.28%	0.253%
40	17.245	2380	2390	2400	rBV	2017514	2869361	1.97%	0.388%
41	17.345	2400	2407	2415	rVV2	4957367	7032324	4.82%	0.950%
42	18.598	2610	2620	2627	rBV	1444231	2000122	1.37%	0.270%
43	19.586	2782	2788	2798	rBV	6414226	8808006	6.04%	1.190%
44	21.057	3034	3038	3045	rBV3	235963	414522	0.28%	0.056%
45	21.339	3081	3086	3091	rBV	2712595	3441946	2.36%	0.465%
46	21.433	3100	3102	3109	rVB2	118167	195079	0.13%	0.026%
47	22.574	3292	3296	3303	rVB	474266	682497	0.47%	0.092%
48	23.557	3456	3463	3477	rVB	4546039	9181390	6.29%	1.241%
49	23.710	3482	3489	3499	rVB	1770369	3533795	2.42%	0.478%

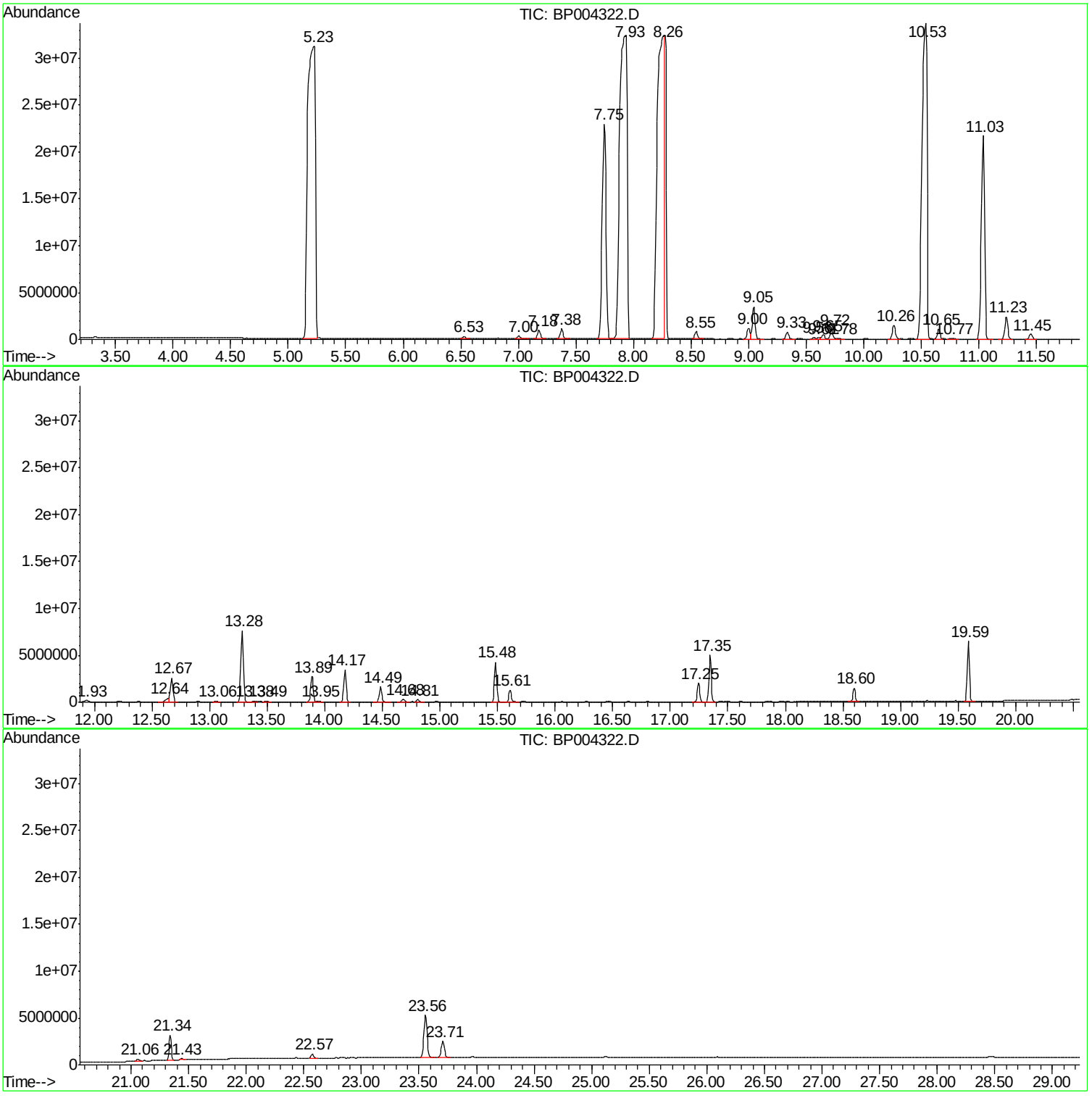
Sum of corrected areas: 740055515

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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 P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

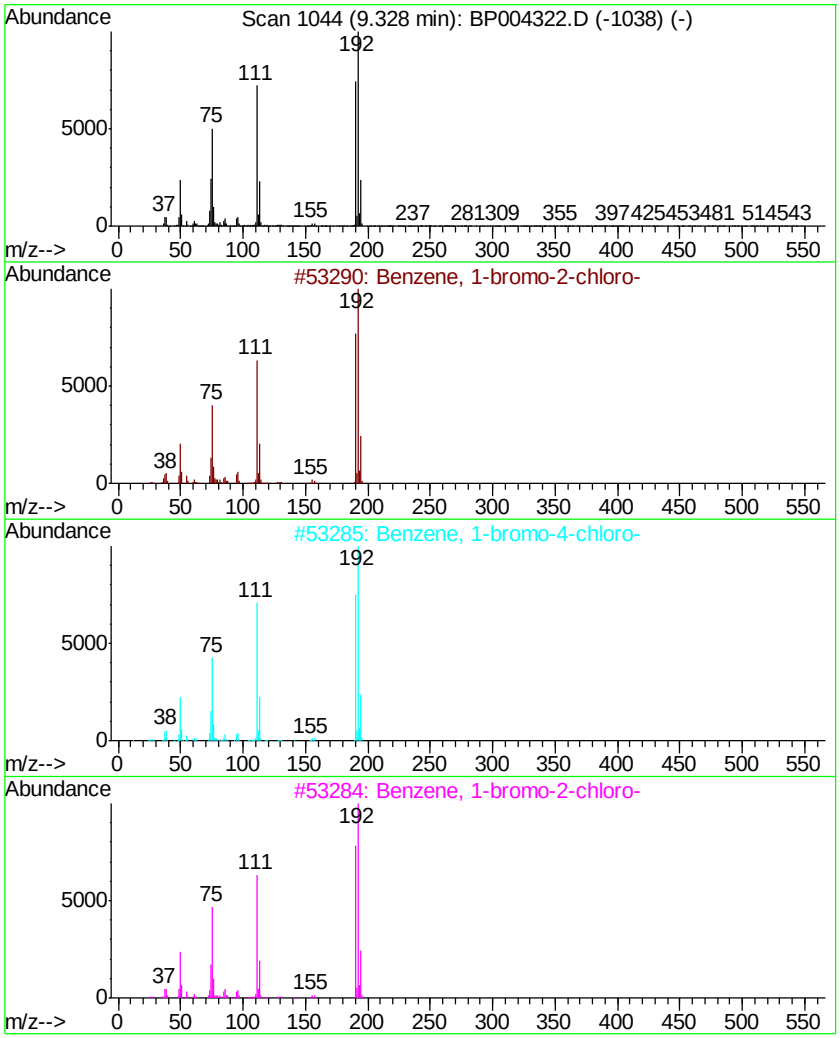
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

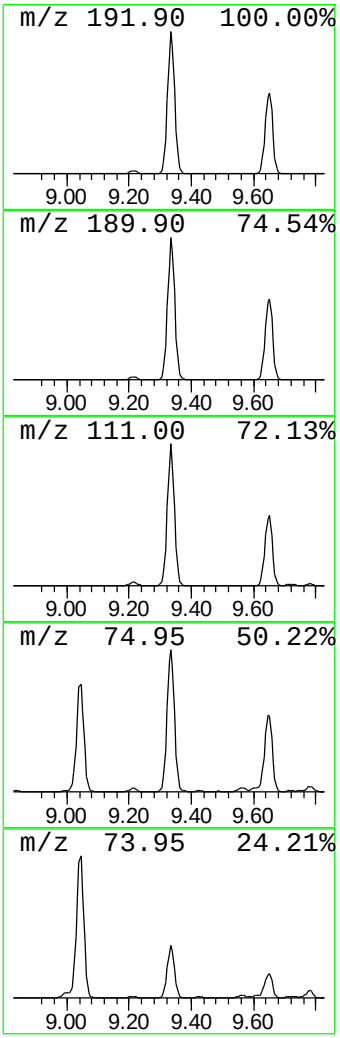
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	14.90 ng/ul	1251550	Naphthalene-d8	10.65

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

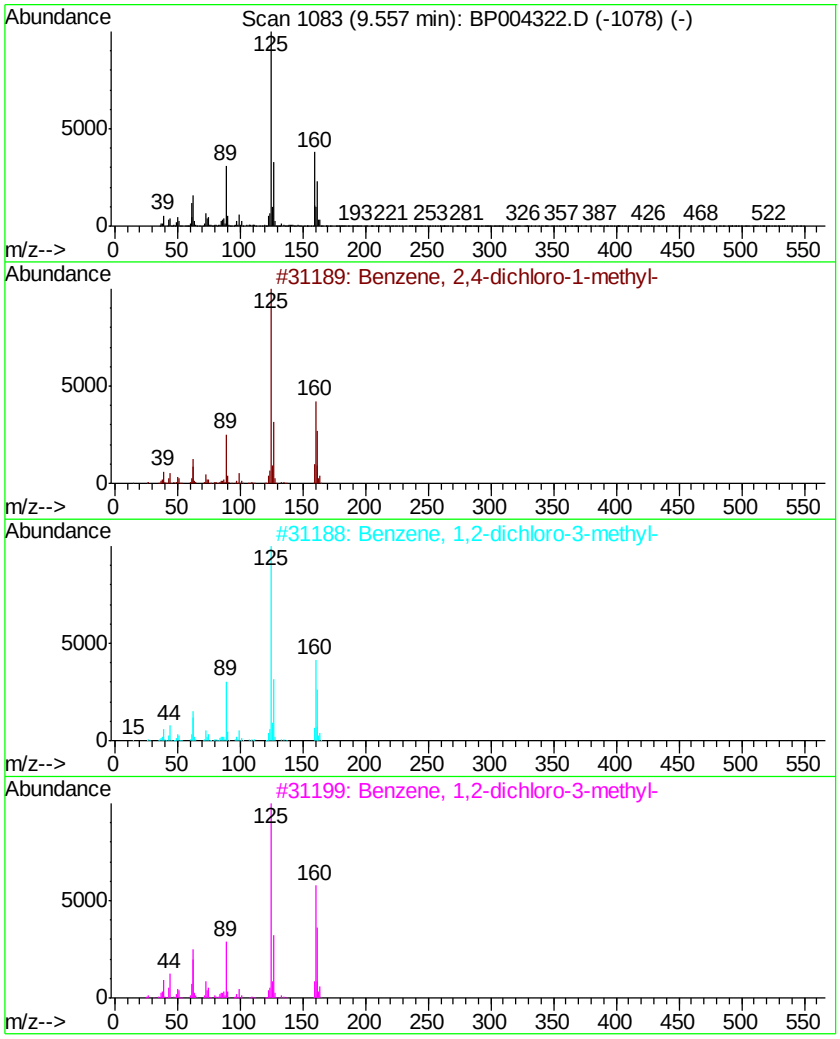
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

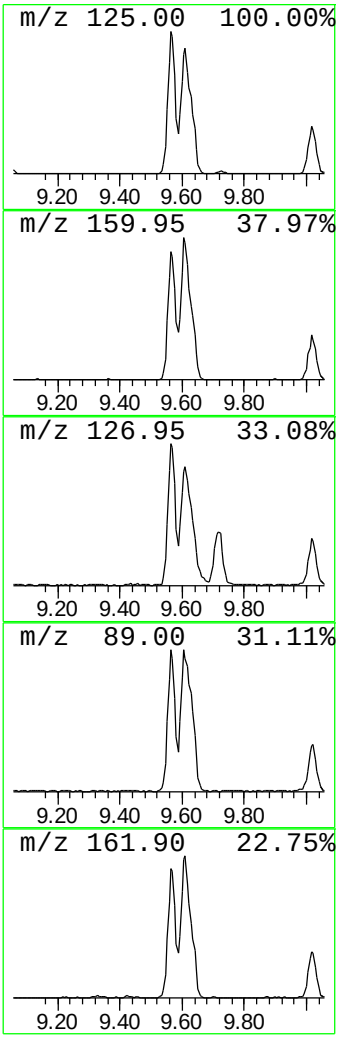
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	3.36 ng/ul	282007	Naphthalene-d8	10.65

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	98
3	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	97
4	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	97
5	Benzene, 1,2-dichloro-4-methyl-	160	C7H6Cl2	000095-75-0	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

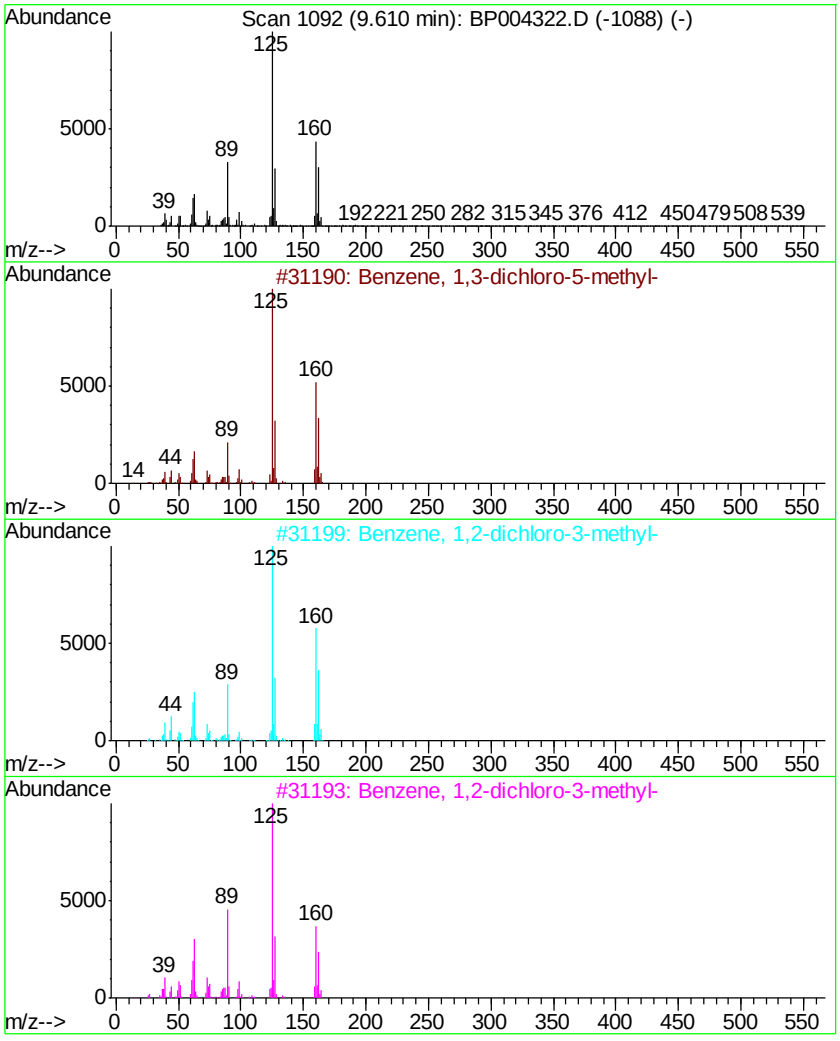
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

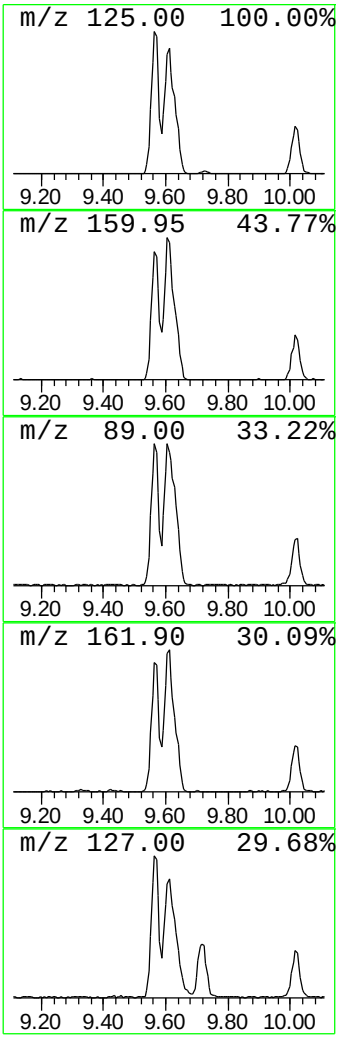
****

Peak Number 7 Benzene, 1,3-dichloro-5-met... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.61	3.15 ng/ul	264912	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dichloro-5-methyl-	160	C7H6Cl2	025186-47-4	97
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	97
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	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

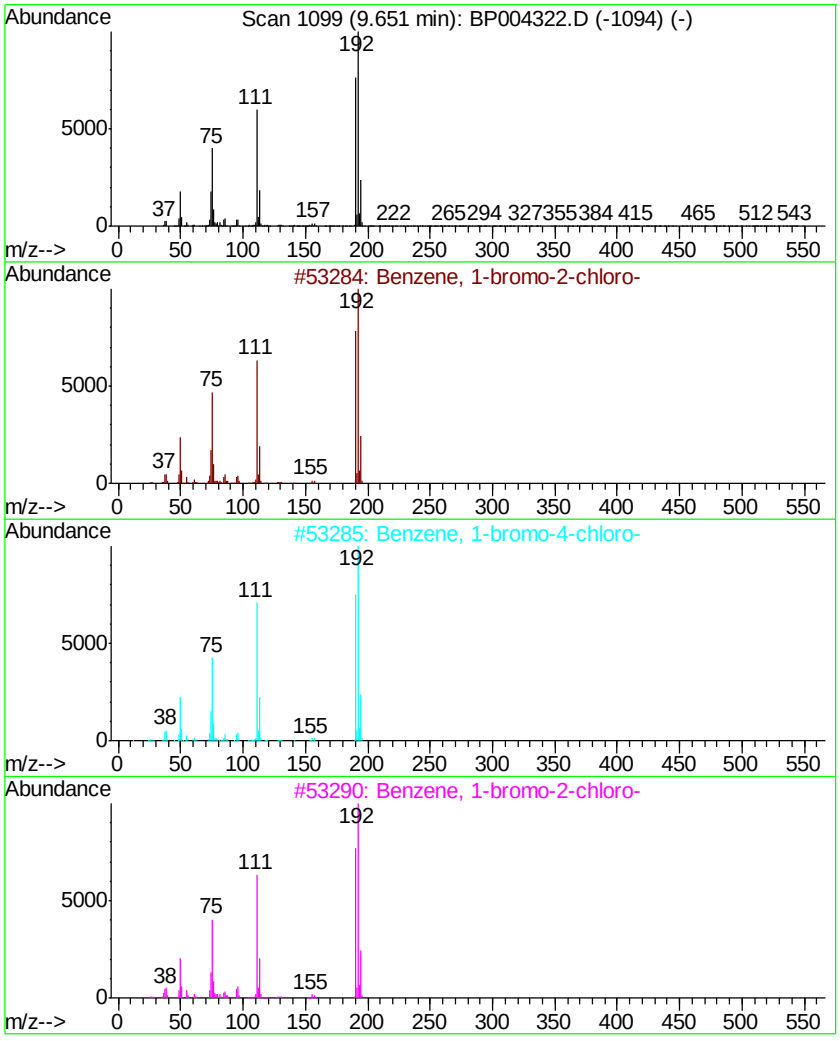
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

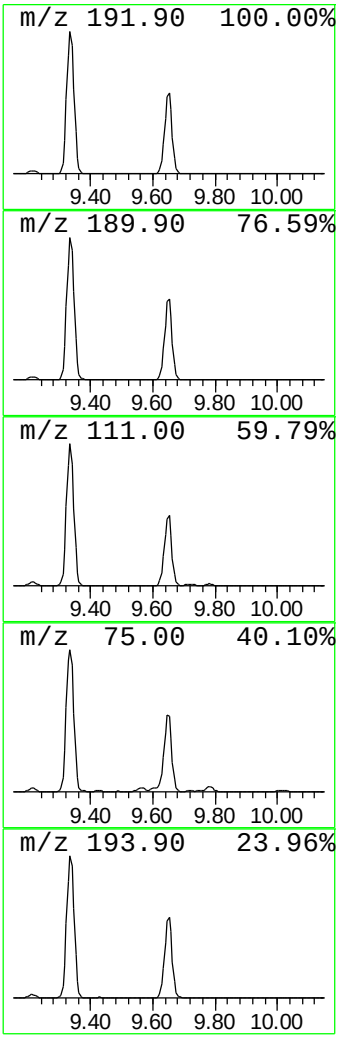
****

Peak Number 8 Benzene, 1-bromo-4-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	9.13 ng/ul	766375	Naphthalene-d8	10.65

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

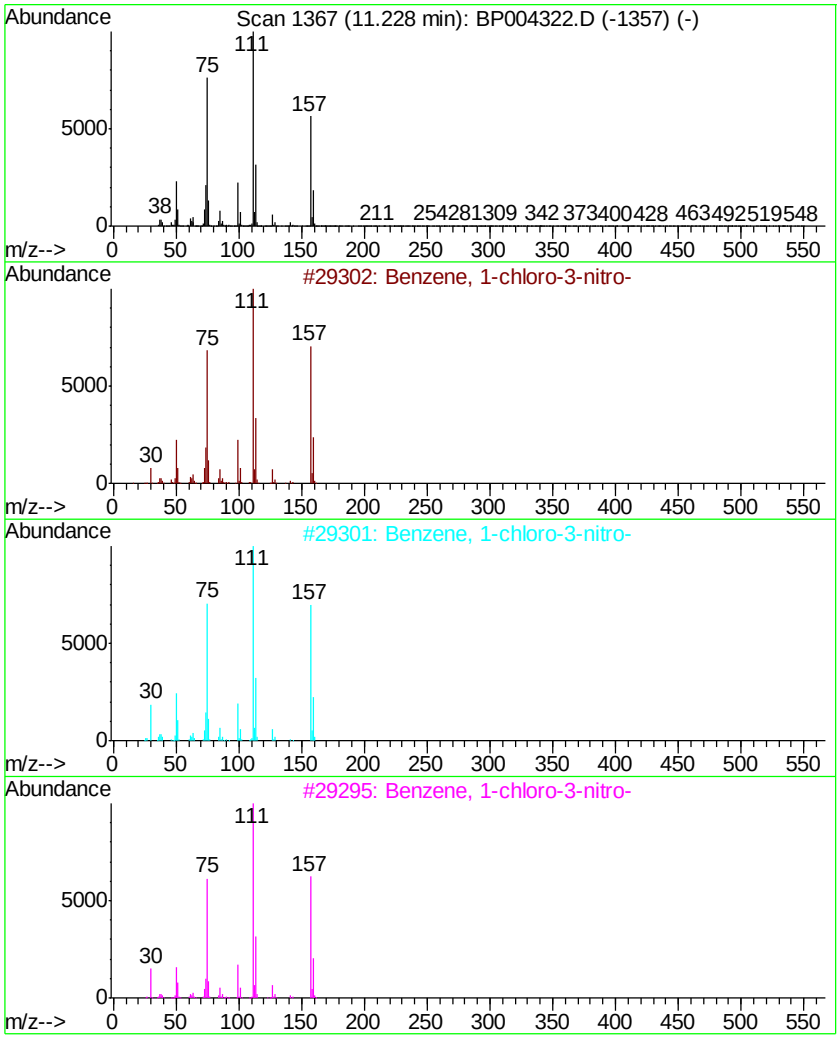
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

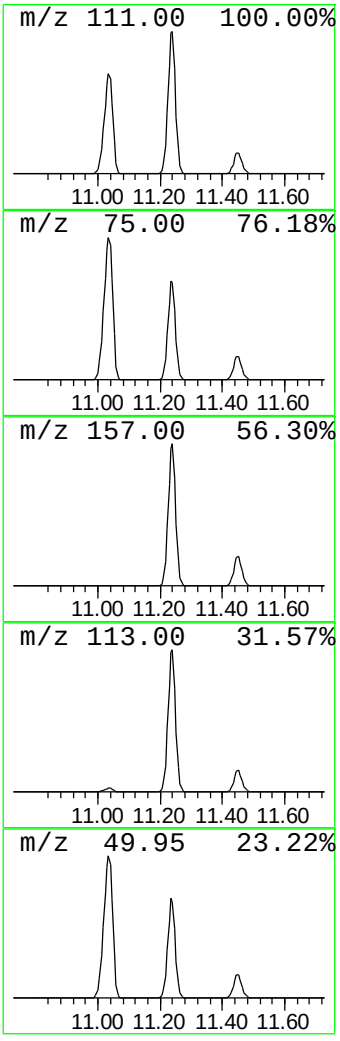
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	48.55 ng/ul	4077230	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
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 P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

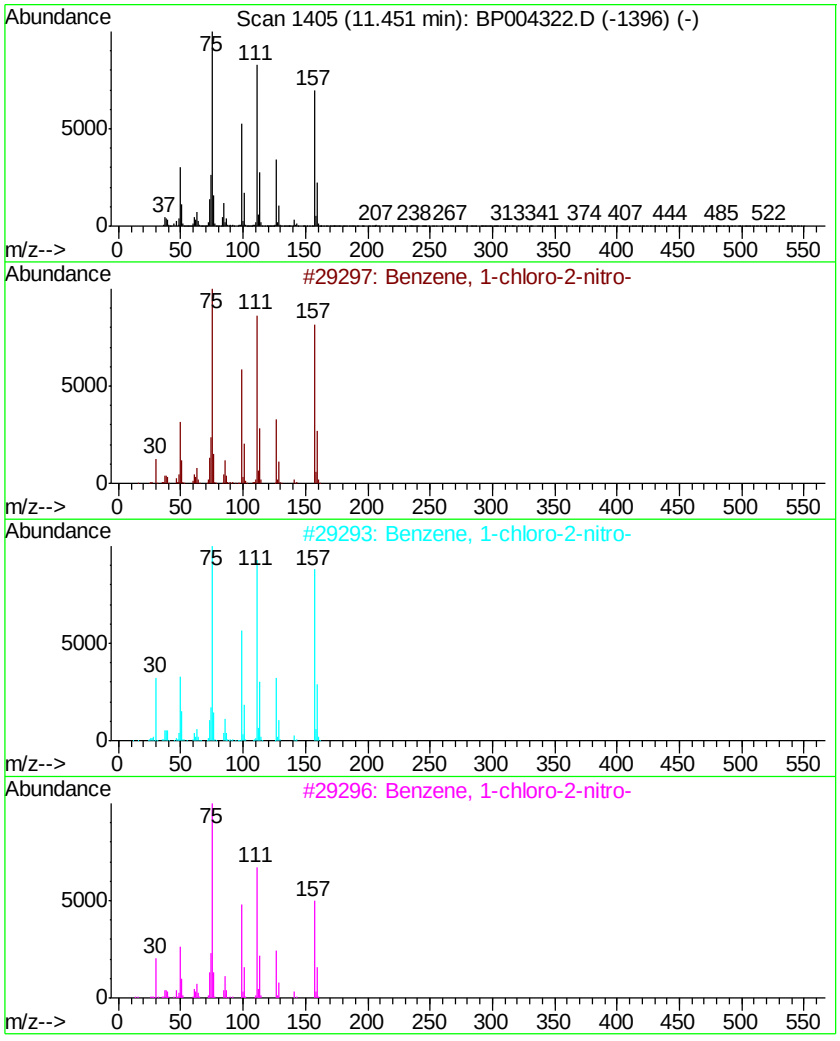
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

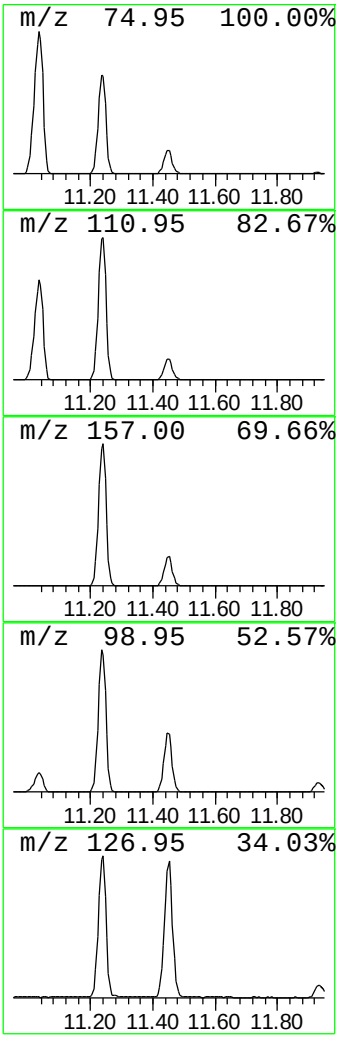
****

Peak Number 12 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	12.19 ng/ul	1023470	Naphthalene-d8	10.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	97





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

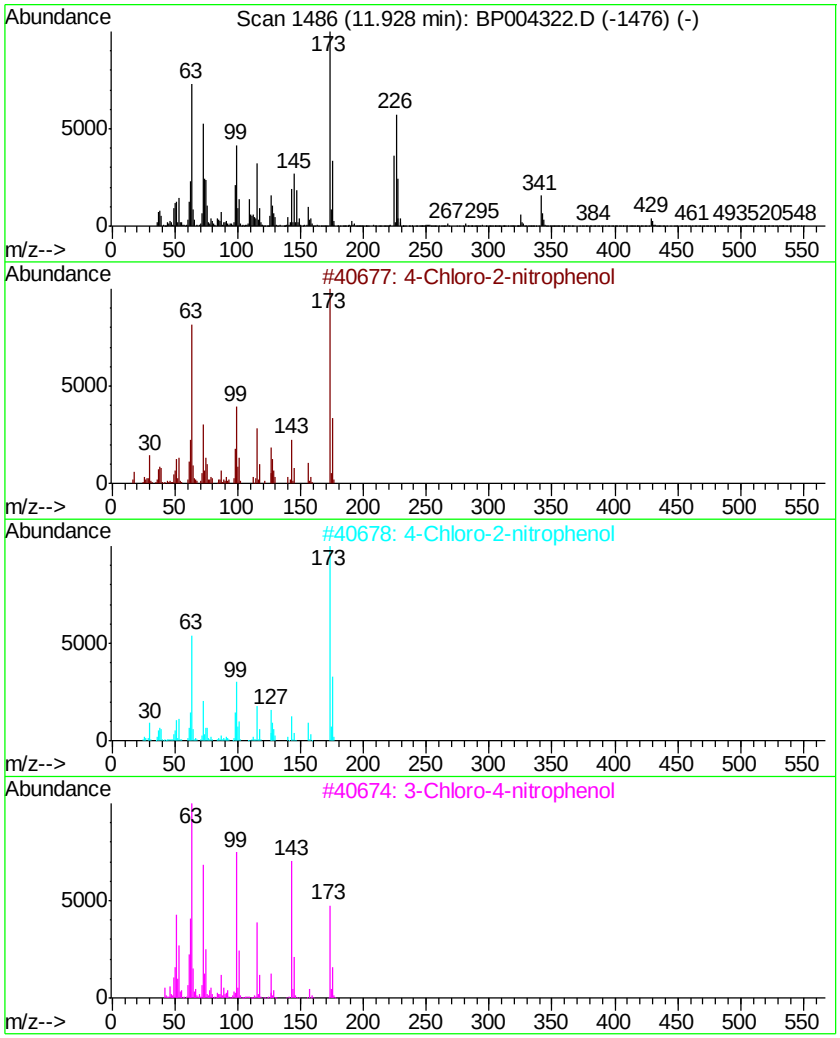
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

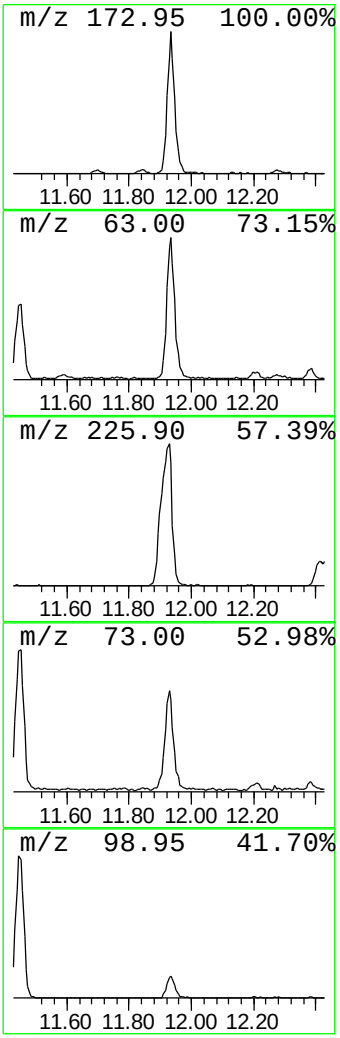
****

Peak Number 13 4-Chloro-2-nitrophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.24 ng/ul	355727	Naphthalene-d8	10.65

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	95
3	3-Chloro-4-nitrophenol	173	C6H4ClNO3	000491-11-2	91
4	Phenol, 5-chloro-2-nitro-	173	C6H4ClNO3	000611-07-4	90
5	Phenol, 2-chloro-4-nitro-	173	C6H4ClNO3	000619-08-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

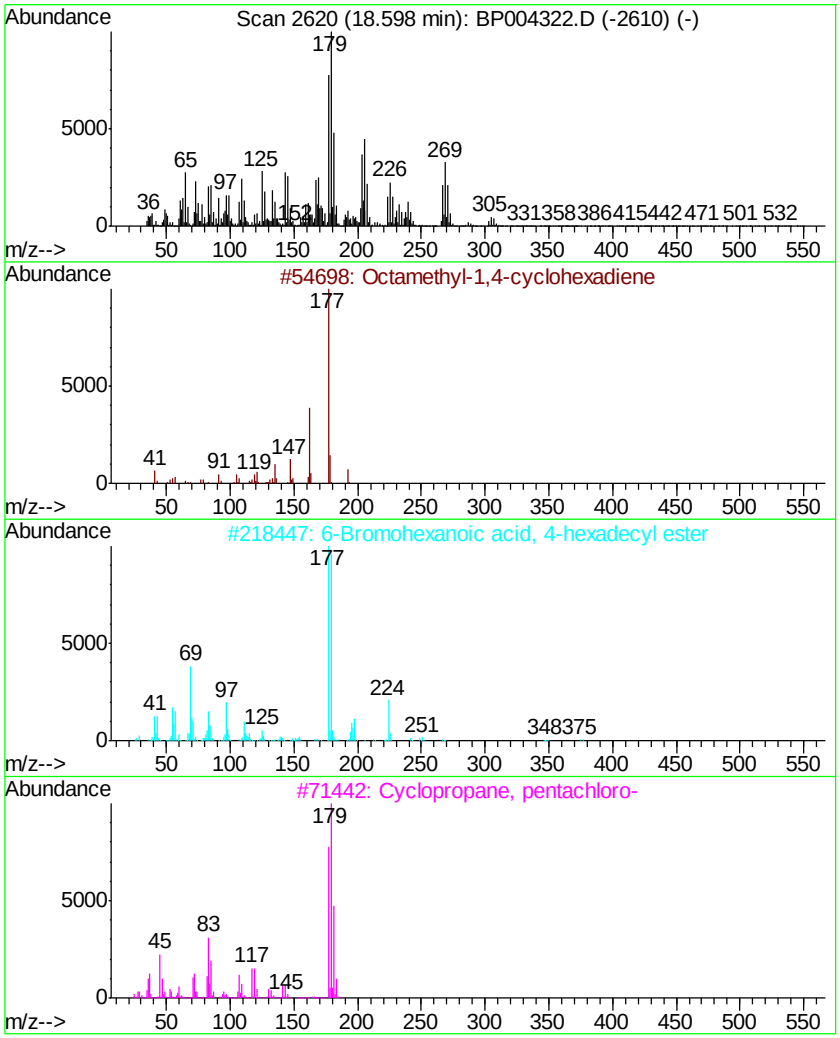
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

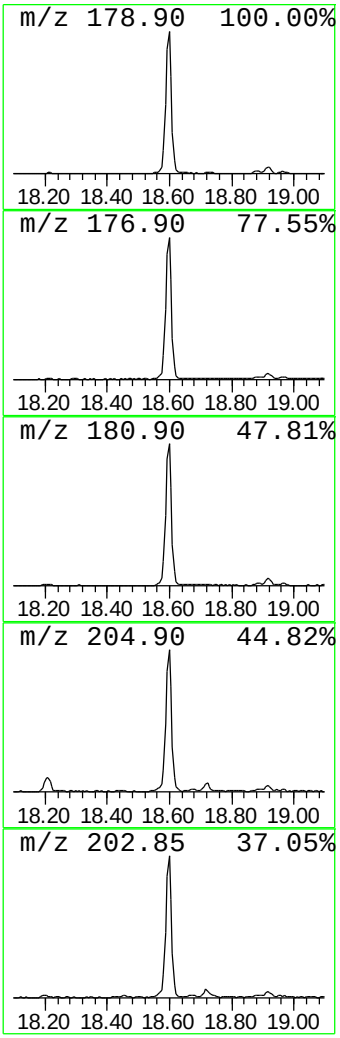
****

Peak Number 14 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	13.94 ng/ul	2000120	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octamethyl-1,4-cyclohexadiene	192	C14H24	172684-93-4	44
2	6-Bromohexanoic acid, 4-hexadecy...	418	C22H43BrO2	1000282-90-6	38
3	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	37
4	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
5	N-(4,6-Dichloro-1,3,5-triazin-2-...	220	C7H10Cl2N4	1000326-88-2	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

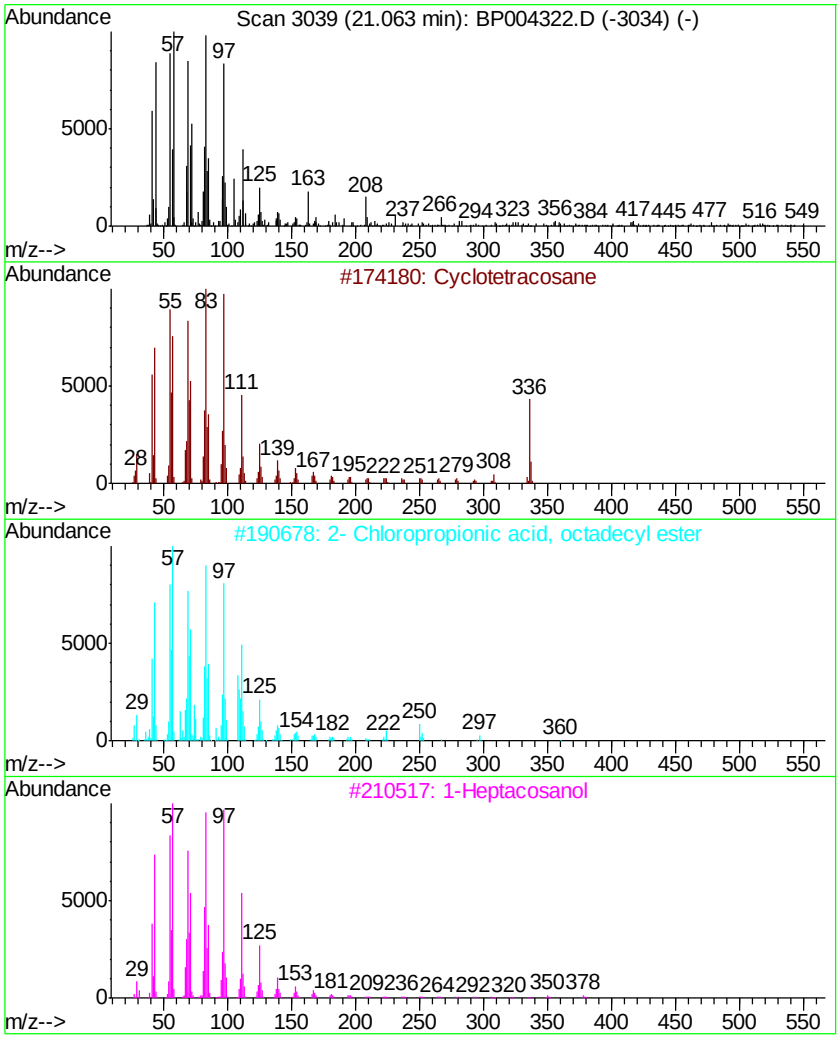
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

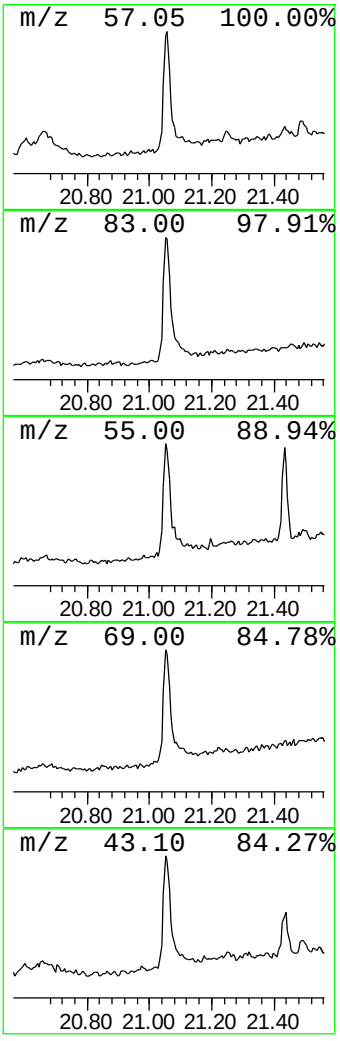
****

Peak Number 15 (DEL) Alkane: Cyclic21.06 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.41 ng/ul	414522	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

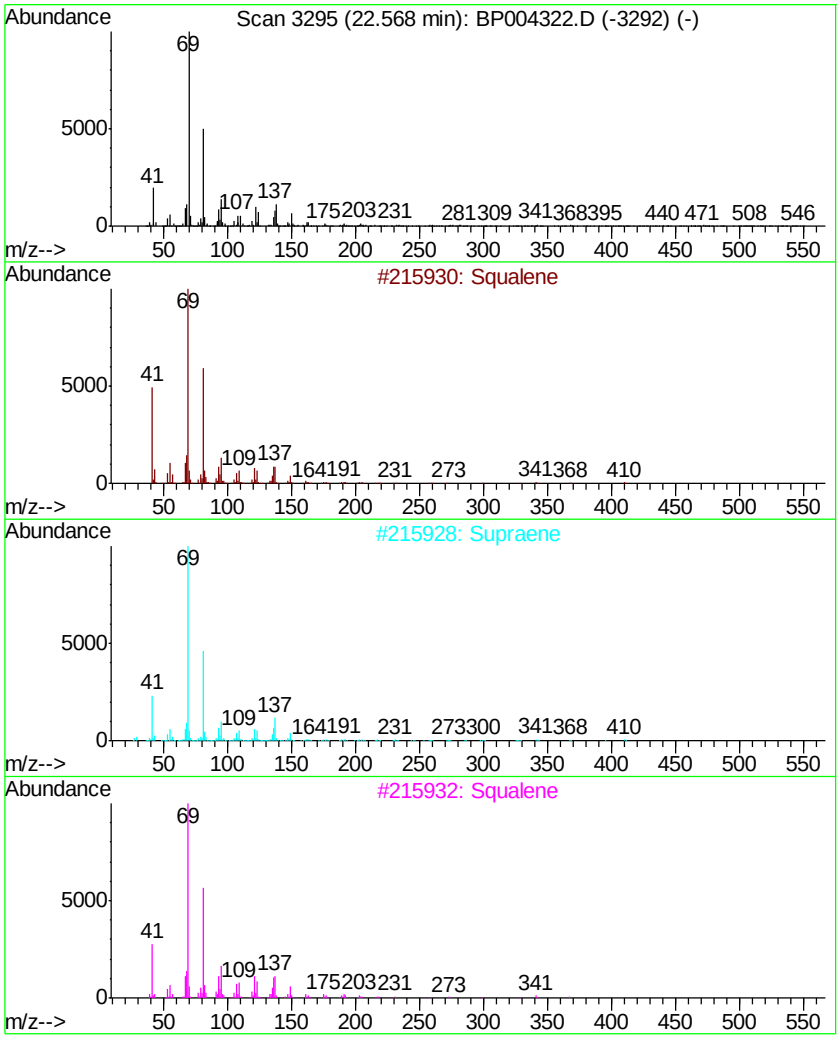
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

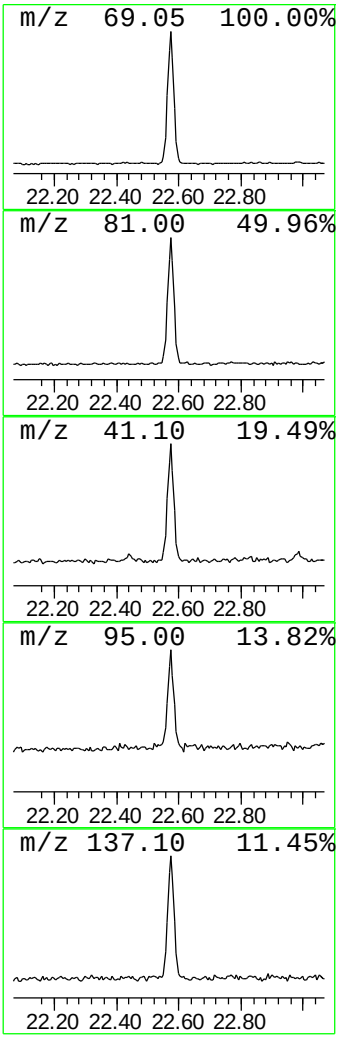
****

Peak Number 16 Squalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	3.86 ng/ul	682497	Perylene-d12	23.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121620\
Data File : BP004322.D
Acq On : 16 Dec 2020 13:50
Operator : CG/JU
Sample : L5101-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0FX1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.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-...	9.33	14.9	ng/ul	1251550	2	10.65	1679580	20.0
Benzene, 2,4-dich...	9.56	3.4	ng/ul	282007	2	10.65	1679580	20.0
Benzene, 1,3-dich...	9.61	3.1	ng/ul	264912	2	10.65	1679580	20.0
Benzene, 1-bromo-...	9.65	9.1	ng/ul	766375	2	10.65	1679580	20.0
Benzene, 1-chloro...	11.23	48.5	ng/ul	4077230	2	10.65	1679580	20.0
Benzene, 1-chloro...	11.45	12.2	ng/ul	1023470	2	10.65	1679580	20.0
4-Chloro-2-nitrop...	11.93	4.2	ng/ul	355727	2	10.65	1679580	20.0
unknown-01	18.60	13.9	ng/ul	2000120	4	17.25	2869360	20.0
(DEL) Alkane: Cyc...	21.06	2.4	ng/ul	414522	5	21.34	3441950	20.0
Squalene	22.57	3.9	ng/ul	682497	6	23.71	3533800	20.0