LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

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\SOM-EPA-BM061220MA.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	4.757	307	318	322	rBV	32367837	61023125	100.00%	28.708%
2	6.728	648	653	663	rBV	68304	111053	0.18%	0.052%
3	6.910	678	684	692	rBV	76405	121889	0.20%	0.057%
4	7.257	735	743	756	rBV	3603935	5460224	8.95%	2.569%
5	7.428	756	772	776	rBV	25528045	49501641	81.12%	23.288%
6	7.745	813	826	830	rBV	27473313	57430959	94.11%	27.018%
7	8.098	880	886	894	rBV	46592	81918	0.13%	0.039%
8	8.516	950	957	959	rBV	97712	153752	0.25%	0.072%
9	8.551	959	963	977	rVB	400823	674701	1.11%	0.317%
10	8.839	1005	1012	1022	rBV	69708	114104	0.19%	0.054%
11	9.145	1060	1064	1071	rVB	40901	69046	0.11%	0.032%
12	9.228	1073	1078	1085	rBV2	70352	124478	0.20%	0.059%
13	9.769	1164	1170	1182	rBV	91026	165784	0.27%	0.078%
14	10.010	1200	1211	1224	rBV	12329450	20601495	33.76%	9.692%
15	10.128	1224	1231	1238	rVB	502692	770524	1.26%	0.362%
16	10.510	1286	1296	1308	rBV	3349670	5285778	8.66%	2.487%
17	10.733	1327	1334	1349	rBV	269225	467002	0.77%	0.220%
18	10.951	1364	1371	1383	rBV	47622	102141	0.17%	0.048%
19	12.180	1576	1580	1588	rVB	217399	343126	0.56%	0.161%
20	12.804	1679	1686	1696	rBV	815129	1262891	2.07%	0.594%
21	13.451	1790	1796	1802	rBV	205793	303446	0.50%	0.143%
22	13.710	1833	1840	1849	rBV	228479	331675	0.54%	0.156%
23	14.021	1886	1893	1906	rBV	748574	1047816	1.72%	0.493%
24	15.027	2058	2064	2076	rBV	292693	440202	0.72%	0.207%
25	15.186	2086	2091	2100	rBV	50517	96392	0.16%	0.045%
26	16.780	2356	2362	2373	rBV	951079	1317935	2.16%	0.620%
27	16.880	2373	2379	2392	rVB	338415	502168	0.82%	0.236%
28	18.157	2591	2596	2604	rVB	215226	285682	0.47%	0.134%
29	19.186	2765	2771	2781	rBV	458536	624226	1.02%	0.294%
30	20.750	3033	3037	3044	rBV6	32521	63318	0.10%	0.030%
31	20.997	3074	3079	3091	rBV	1144826	1487571	2.44%	0.700%
32	22.497	3331	3334	3340	rVB	80906	102497	0.17%	0.048%
33	22.950	3406	3411	3417	rBV	258363	420627	0.69%	0.198%
34	23.015	3418	3422	3426	rVB	124453	175435	0.29%	0.083%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

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\SOM-EPA-BM061220MA.M
Title : SVOA CALIBRATION

35	23.080	3427	3433	3443	rVB2	754378	1316440	2.16%	0.619%
36	23.591	3516	3520	3526	rVB	110209	185561	0.30%	0.087%

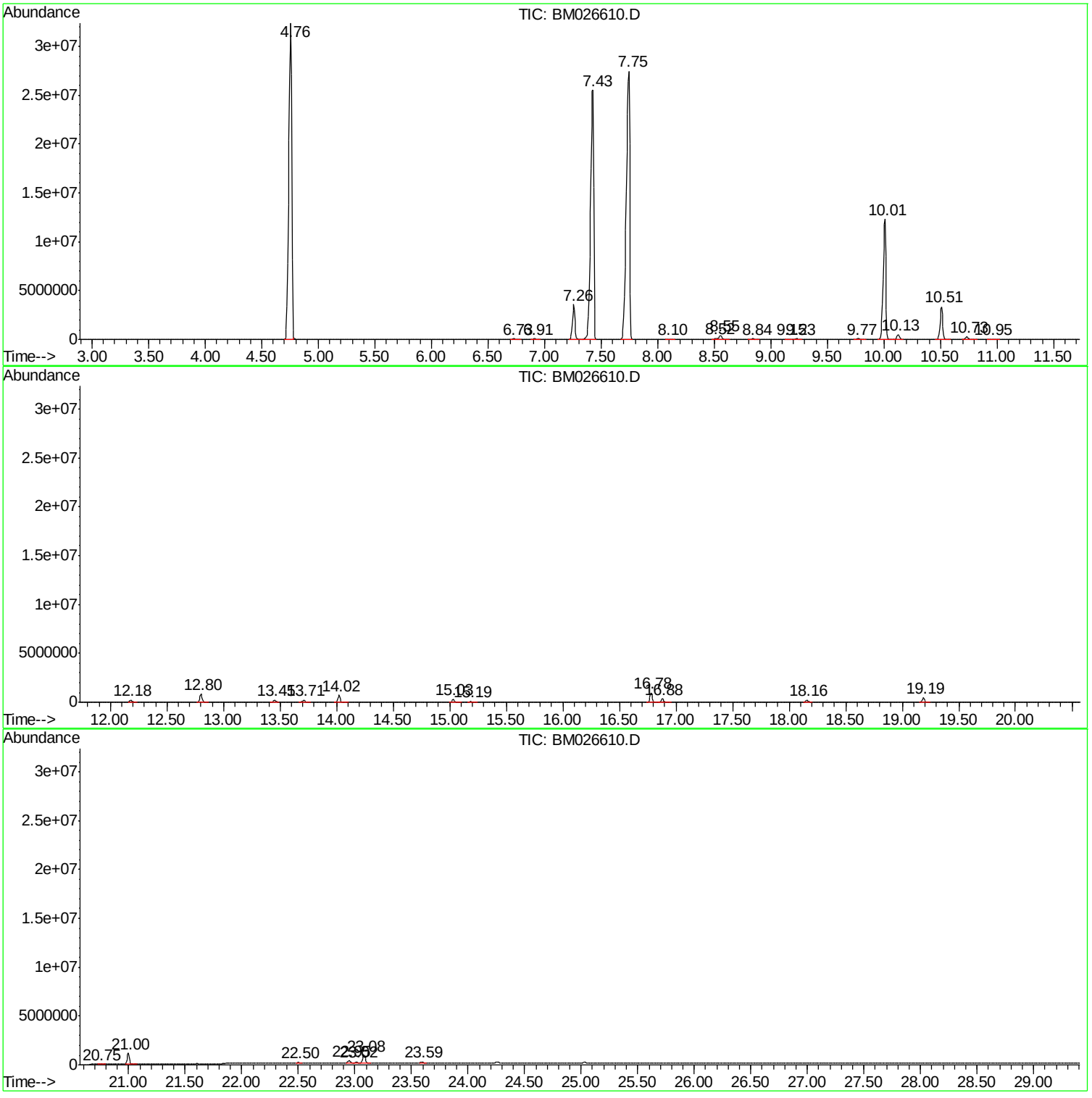
Sum of corrected areas: 212566622

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

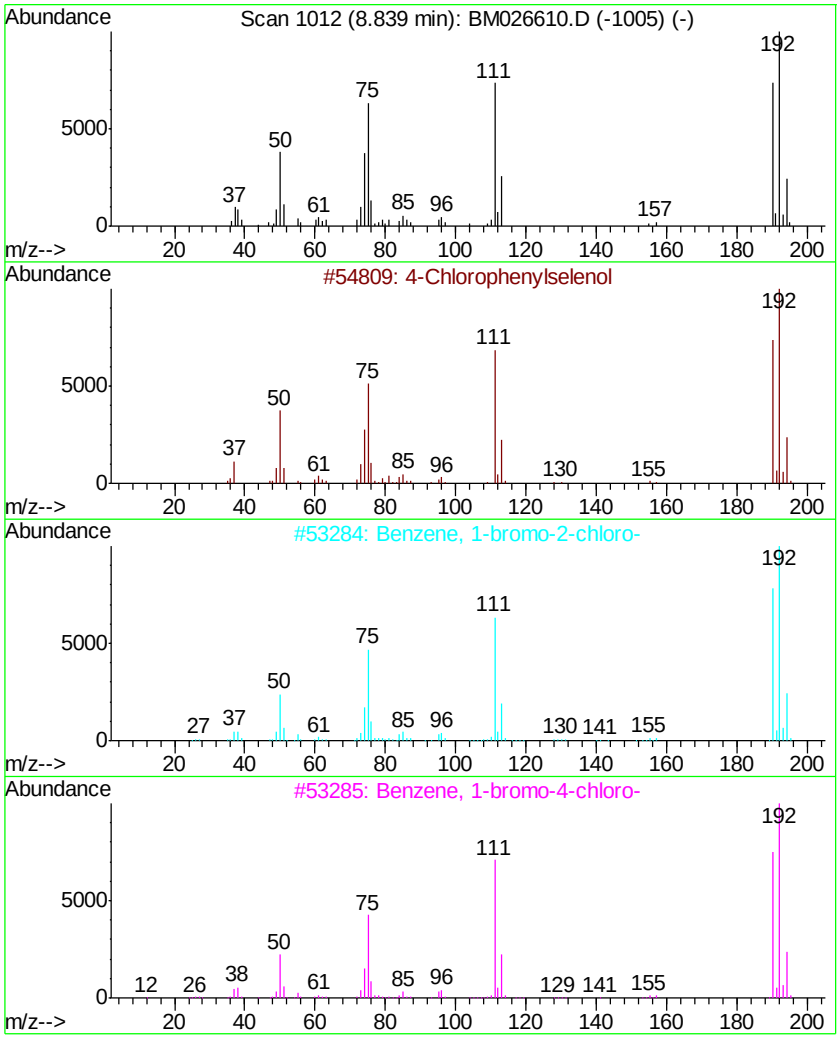
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

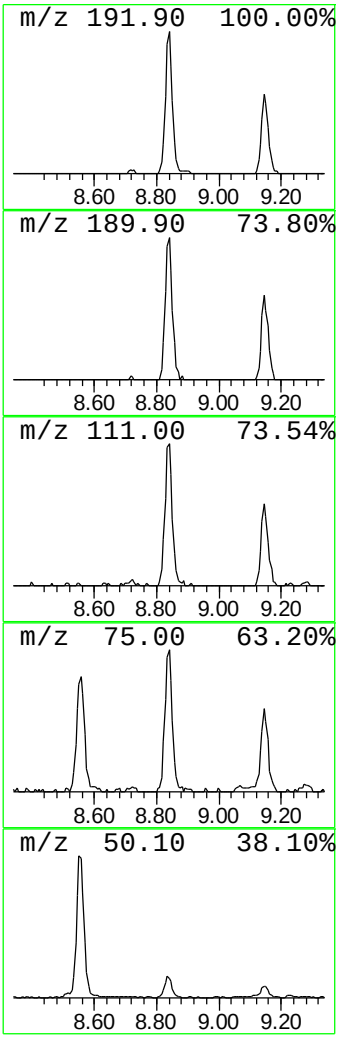
****

Peak Number 5 4-Chlorophenylselenol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.84	2.96 ng/ul	114104	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	96
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	96
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	95
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	93





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

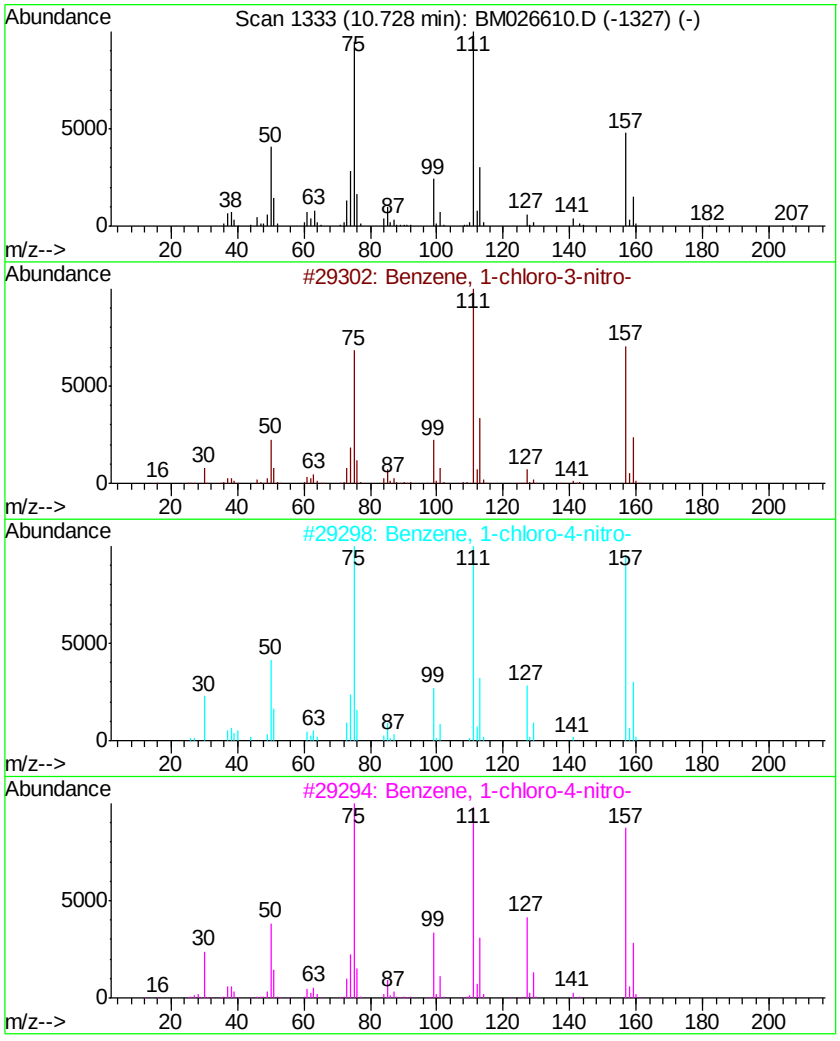
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

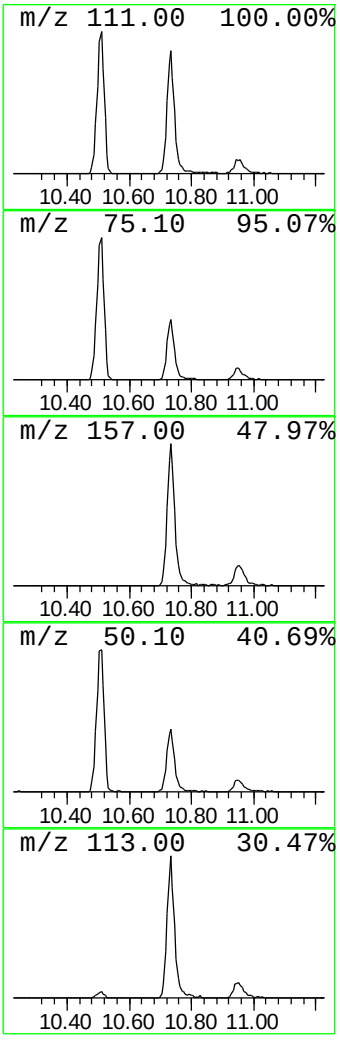
****

Peak Number 8 Benzene, 1-chloro-3-nitro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	12.12 ng/ul	467002	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
2	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	87
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

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

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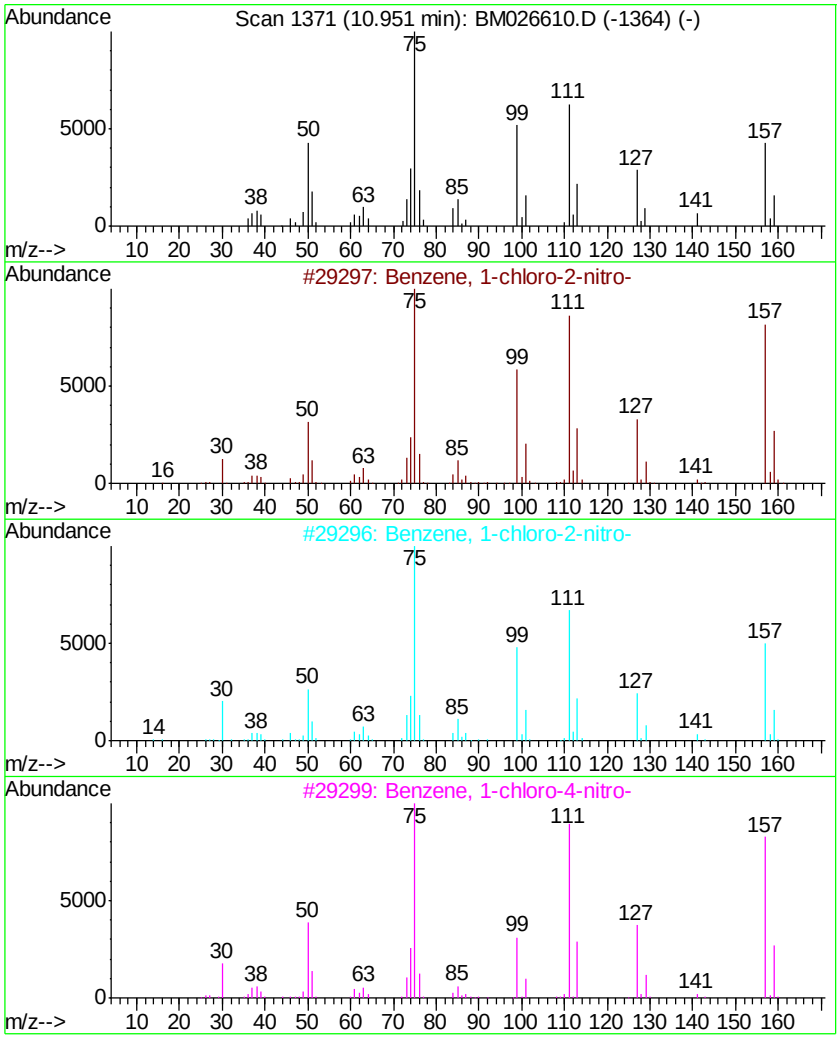
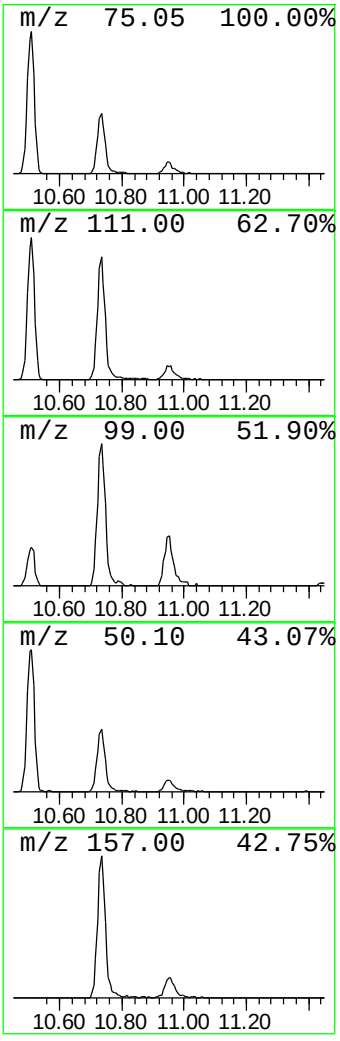
Peak Number 9 Benzene, 1-chloro-2-nitro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.65 ng/ul	102141	Naphthalene-d8	10.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	96
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	94
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

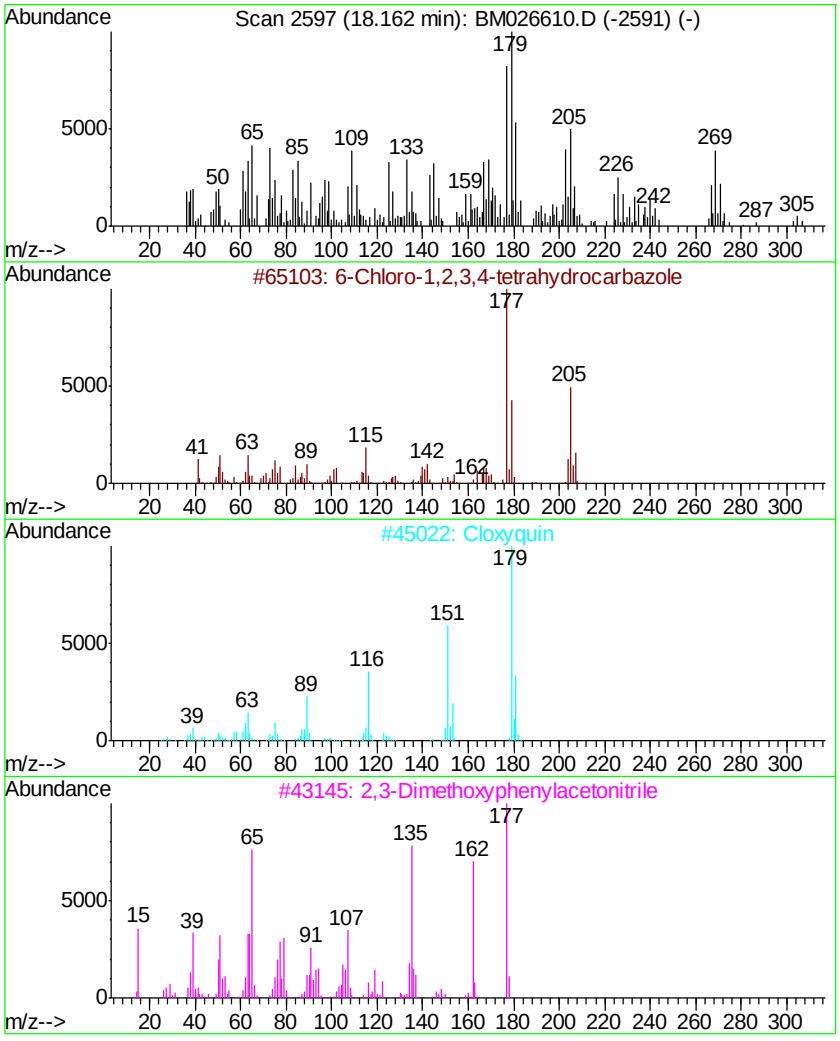
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

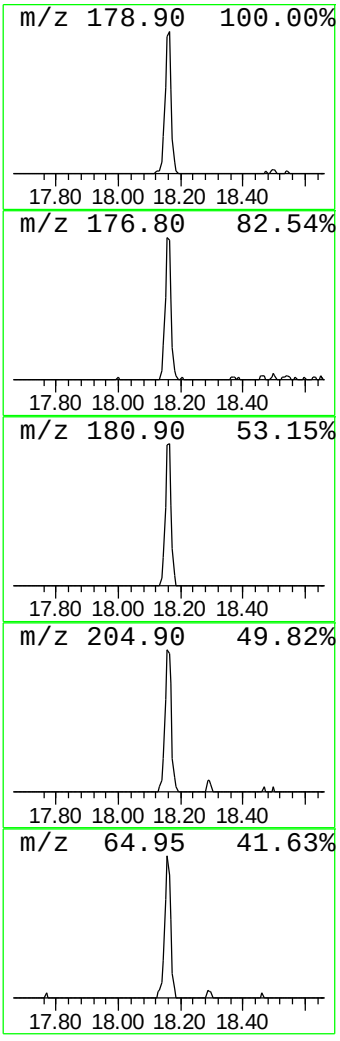
****

Peak Number 10 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	4.34 ng/ul	285682	Phenanthrene-d10	16.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	25
2	Cloxyquin	179	C9H6ClNO	000130-16-5	14
3	2,3-Dimethoxyphenylacetonitrile	177	C10H11NO2	004468-57-9	12
4	Cyclopropane, pentachloro-	212	C3HCl5	006262-51-7	10
5	Cloxyquin	179	C9H6ClNO	000130-16-5	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

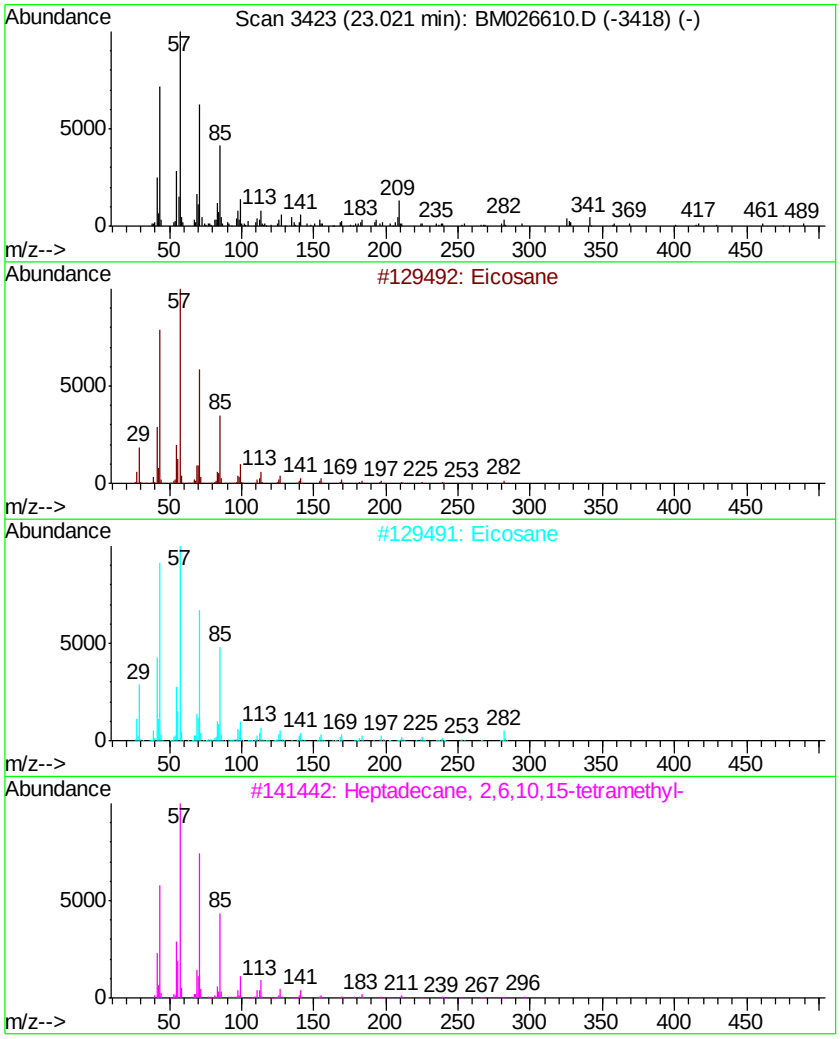
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

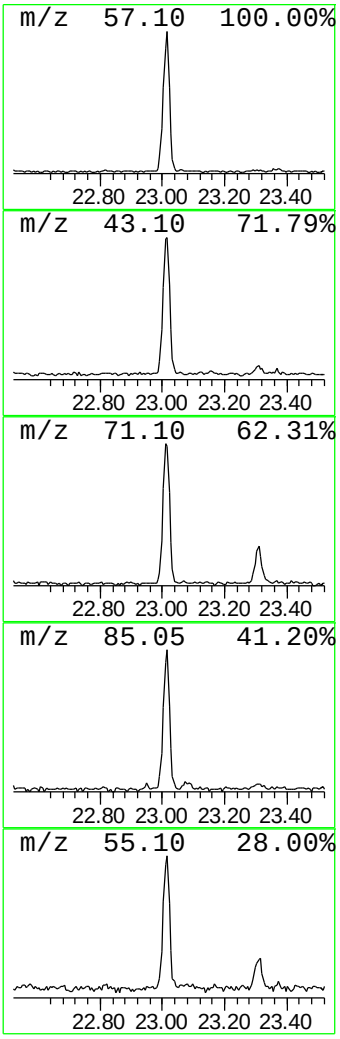
****

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	2.67 ng/ul	175435	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Eicosane	282	C20H42	000112-95-8	96
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Eicosane	282	C20H42	000112-95-8	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION

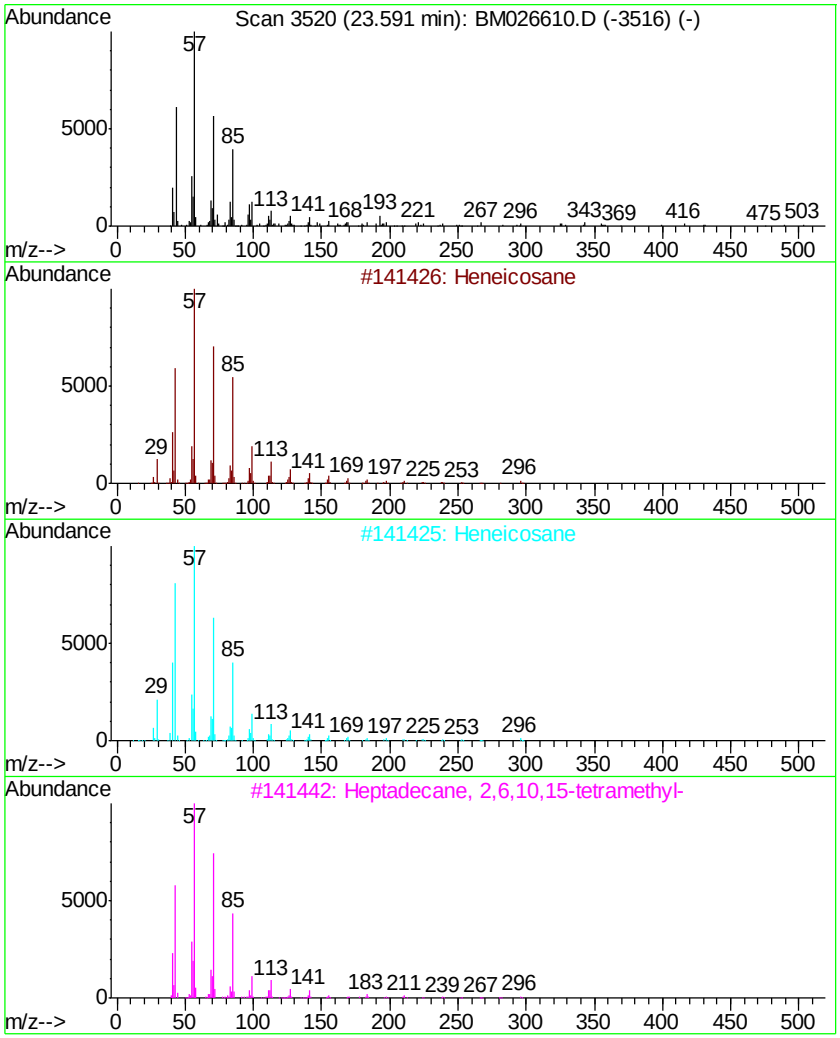
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

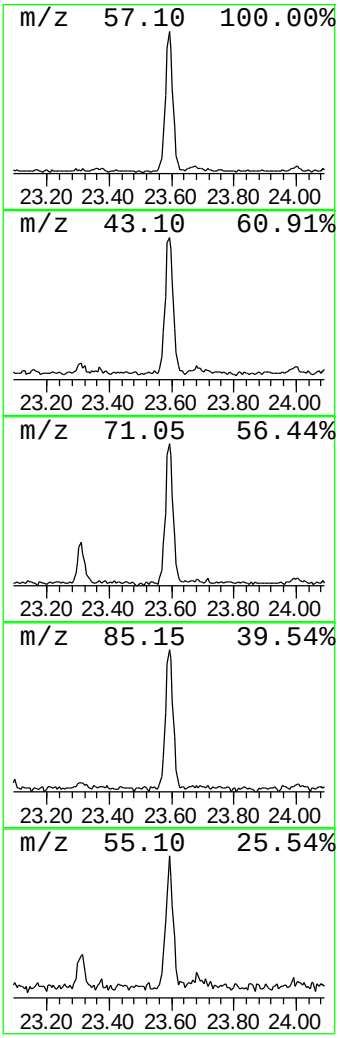
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	2.82 ng/ul	185561	Perylene-d12	23.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	98
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062920\
Data File : BM026610.D
Acq On : 29 Jun 2020 11:26
Operator : JU/CG
Sample : L3118-05DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0F80DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.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
4-Chlorophenylsel...	8.84	3.0	ng/ul	114104	2	10.13	770524	20.0
Benzene, 1-chloro...	10.73	12.1	ng/ul	467002	2	10.13	770524	20.0
Benzene, 1-chloro...	10.95	2.6	ng/ul	102141	2	10.13	770524	20.0
unknown-01	18.16	4.3	ng/ul	285682	4	16.78	1317940	20.0
(DEL) Alkane: Str...	23.02	2.7	ng/ul	175435	6	23.08	1316440	20.0
(DEL) Alkane: Str...	23.59	2.8	ng/ul	185561	6	23.08	1316440	20.0