LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016832.D
Acq On : 21 Sep 2018 15:05
Operator : SJ/JU
Sample : J5012-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L3

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-BM091018MA.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	3.016	3	5	21	rVB	2146187	2312441	1.78%	0.476%
2	5.093	348	358	372	rBV2	49312065	101311503	77.93%	20.849%
3	6.892	657	664	673	rVB	240557	389797	0.30%	0.080%
4	7.063	686	693	700	rBV	932375	1389366	1.07%	0.286%
5	7.257	717	726	737	rBV	955750	1569398	1.21%	0.323%
6	7.616	778	787	794	rBV	9522242	15504739	11.93%	3.191%
7	7.769	798	813	822	rBV	31815515	55504764	42.69%	11.422%
8	8.104	856	870	875	rBV2	50260175	130011123	100.00%	26.755%
9	8.422	912	924	931	rBV	679996	1085208	0.83%	0.223%
10	8.869	993	1000	1008	rBV	1086317	1751877	1.35%	0.361%
11	9.204	1049	1057	1065	rVB	499447	783637	0.60%	0.161%
12	9.433	1088	1096	1099	rBV	131119	214475	0.16%	0.044%
13	9.475	1099	1103	1106	rVV	123516	228308	0.18%	0.047%
14	9.516	1106	1110	1116	rVV	246554	431851	0.33%	0.089%
15	9.586	1116	1122	1128	rVV	821883	1308509	1.01%	0.269%
16	10.122	1206	1213	1222	rBV	1327588	2146325	1.65%	0.442%
17	10.386	1246	1258	1264	rBV	41231752	83359846	64.12%	17.154%
18	10.504	1271	1278	1285	rBV	1561985	2510018	1.93%	0.517%
19	10.886	1334	1343	1352	rBV	11820458	19287224	14.84%	3.969%
20	12.504	1611	1618	1619	rBV	306751	438807	0.34%	0.090%
21	12.533	1619	1623	1631	rVB	1298539	2042259	1.57%	0.420%
22	13.151	1720	1728	1739	rVB	4339984	6743845	5.19%	1.388%
23	13.363	1759	1764	1770	rVB	119627	173702	0.13%	0.036%
24	13.774	1823	1834	1839	rBV	2348266	3256034	2.50%	0.670%
25	13.816	1839	1841	1848	rVB	107214	137963	0.11%	0.028%
26	14.051	1870	1881	1890	rBV	2662310	3894898	3.00%	0.802%
27	14.357	1926	1933	1942	rBV2	2089395	3188227	2.45%	0.656%
28	14.551	1960	1966	1977	rBV	175729	271245	0.21%	0.056%
29	14.674	1981	1987	1993	rVB	437258	613641	0.47%	0.126%
30	15.192	2067	2075	2079	rBV2	108192	170369	0.13%	0.035%
31	15.351	2096	2102	2116	rBV	3567942	5234136	4.03%	1.077%
32	15.468	2116	2122	2131	rVV	847871	1162343	0.89%	0.239%
33	17.104	2394	2400	2406	rBV2	2572644	3707544	2.85%	0.763%
34	17.204	2411	2417	2428	rBV	4035635	5526313	4.25%	1.137%

LSC Area Percent Report

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Sample : J5012-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L3

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	18.015	2549	2555	2562	rBV	355728	520848	0.40%	0.107%
36	18.086	2562	2567	2574	rVB	312990	423191	0.33%	0.087%
37	19.298	2769	2773	2781	rBV	214974	298794	0.23%	0.061%
38	19.503	2802	2808	2816	rBV	4766543	6696479	5.15%	1.378%
39	21.027	3062	3067	3073	rBV2	180765	283979	0.22%	0.058%
40	21.292	3107	3112	3119	rBV	3671888	4742664	3.65%	0.976%
41	21.462	3138	3141	3147	rBV2	145892	188834	0.15%	0.039%
42	21.903	3212	3216	3222	rBV	220000	291386	0.22%	0.060%
43	22.362	3291	3294	3300	rVB	321383	423740	0.33%	0.087%
44	22.491	3314	3316	3323	rVB	161867	191873	0.15%	0.039%
45	22.874	3377	3381	3388	rVB	423075	590777	0.45%	0.122%
46	23.386	3462	3468	3474	rBV	3960509	7260154	5.58%	1.494%
47	23.438	3474	3477	3485	rVV	447088	769929	0.59%	0.158%
48	23.527	3486	3492	3503	rVB2	2685252	4960575	3.82%	1.021%
49	24.091	3583	3588	3596	rVB	329026	630849	0.49%	0.130%

Sum of corrected areas: 485935807

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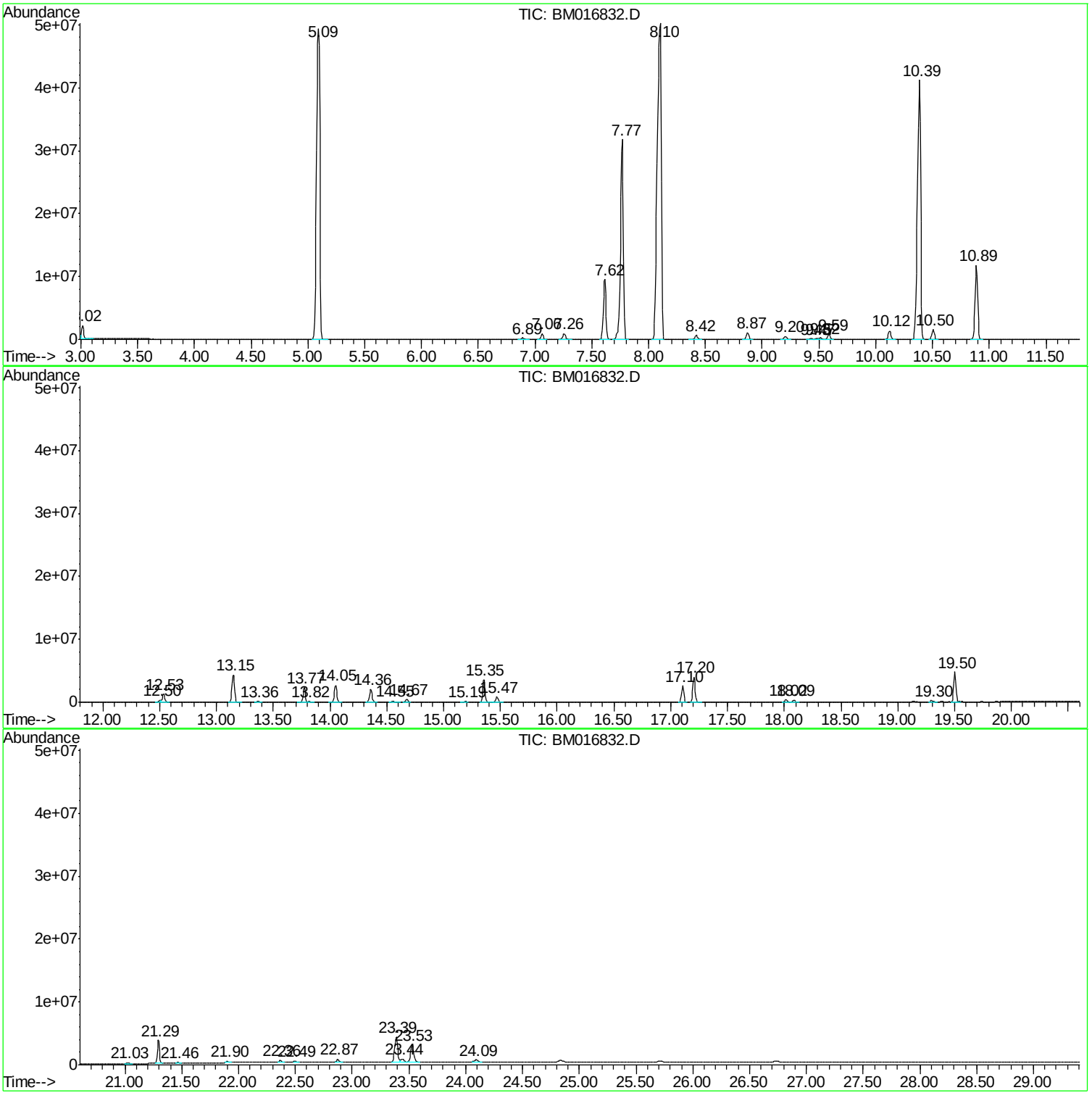
Instrument : BNA_M
ClientSampleId : C08L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM016832.D
Acq On : 21 Sep 2018 15:05
Operator : SJ/JU
Sample : J5012-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

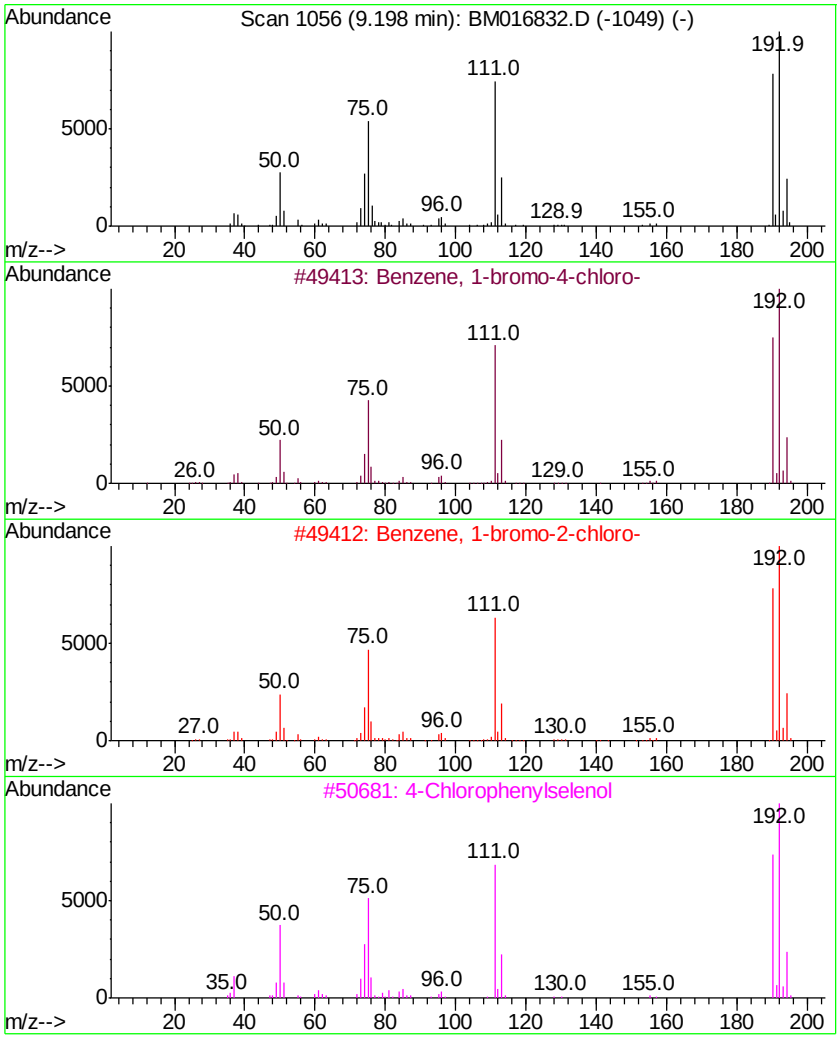
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

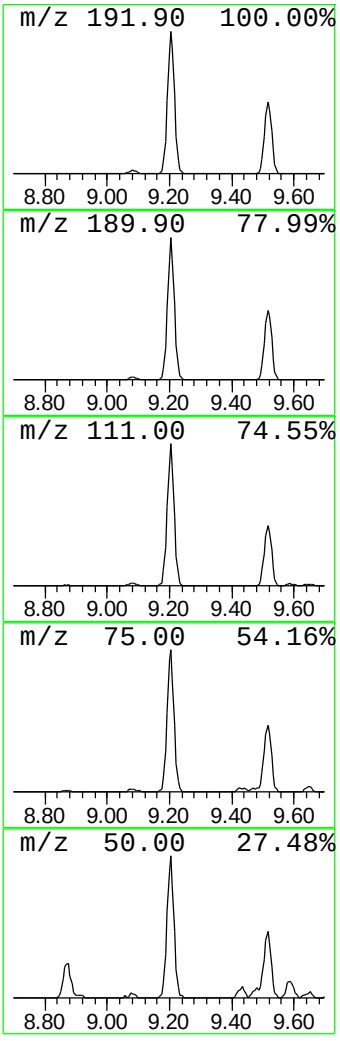
****

Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	6.24 ng/ul	783637	Naphthalene-d8	10.50

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-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97





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Data File : BM016832.D
Acq On : 21 Sep 2018 15:05
Operator : SJ/JU
Sample : J5012-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

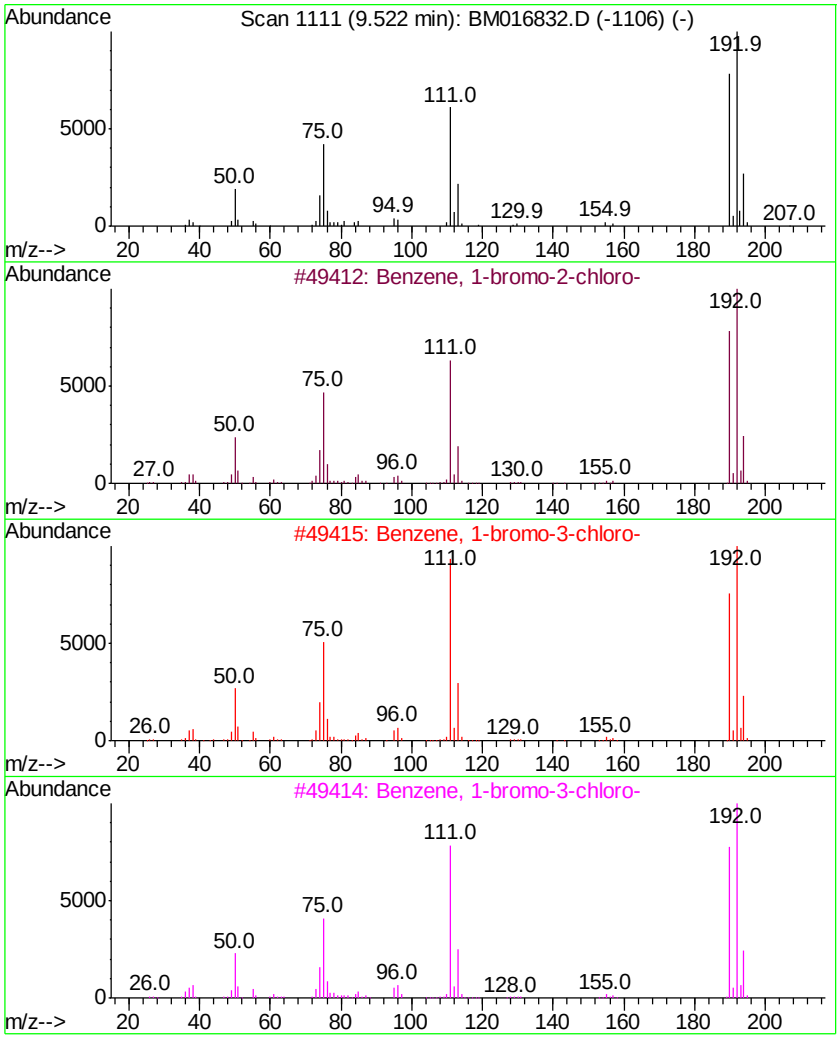
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

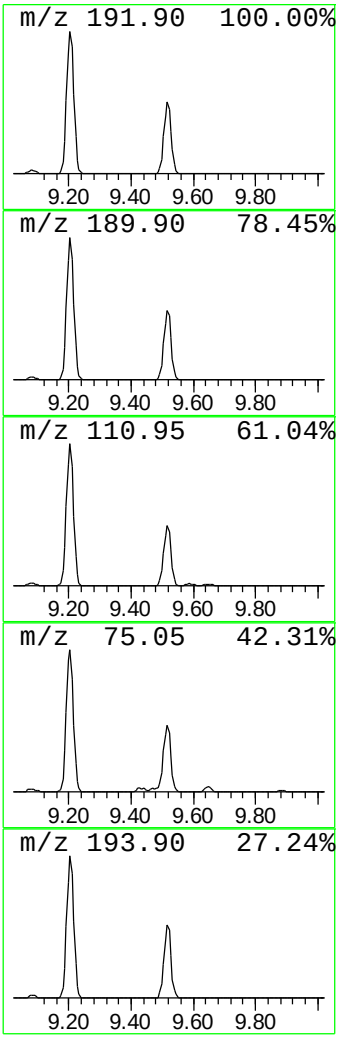
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	3.44 ng/ul	431851	Naphthalene-d8	10.50

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





Library Search Compound Report

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Data File : BM016832.D
Acq On : 21 Sep 2018 15:05
Operator : SJ/JU
Sample : J5012-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

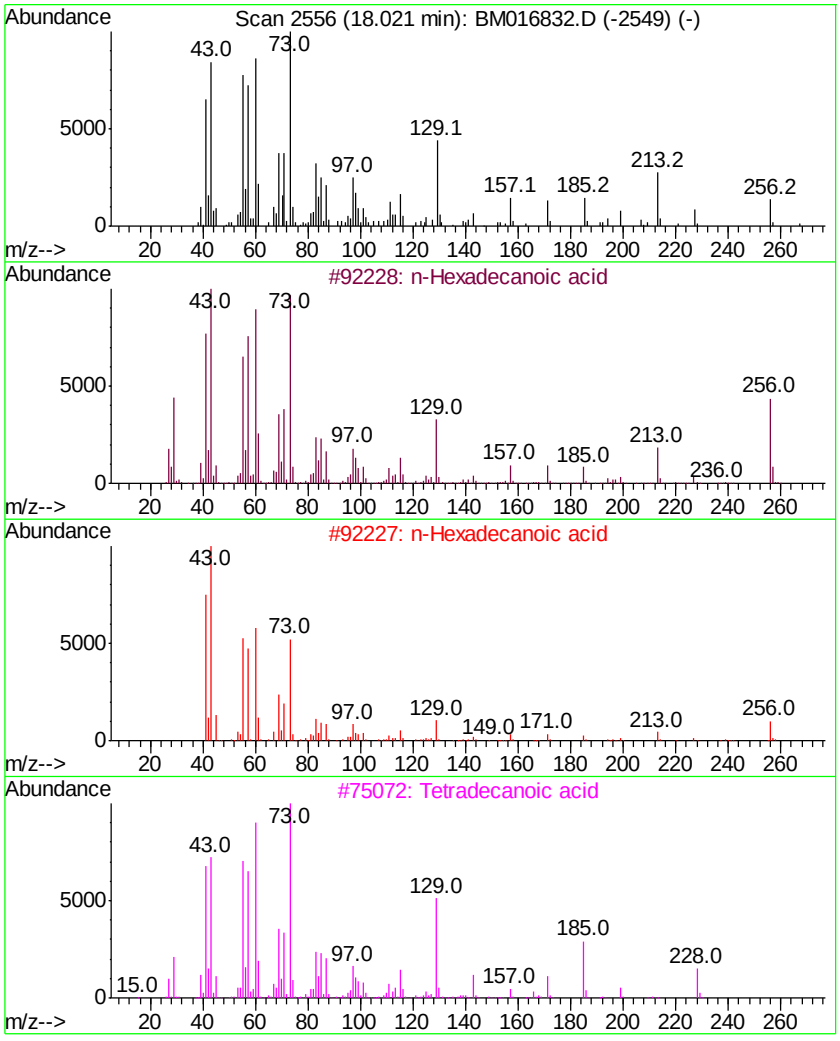
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

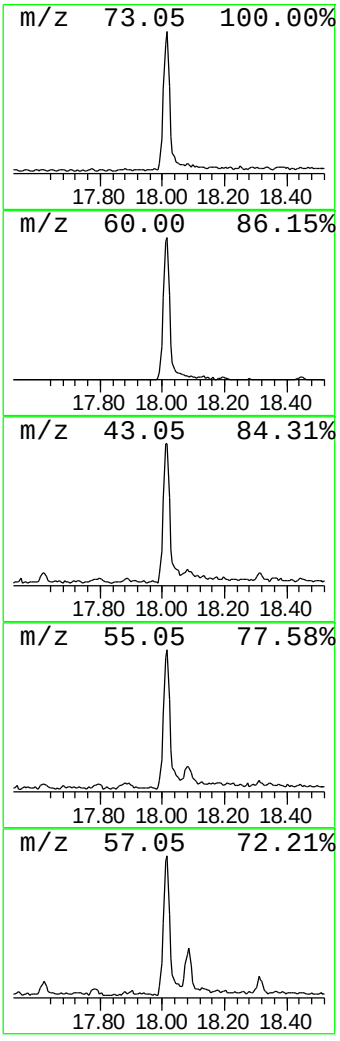
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.81 ng/ul	520848	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Instrument : BNA_M
ClientSampleId : C08L3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

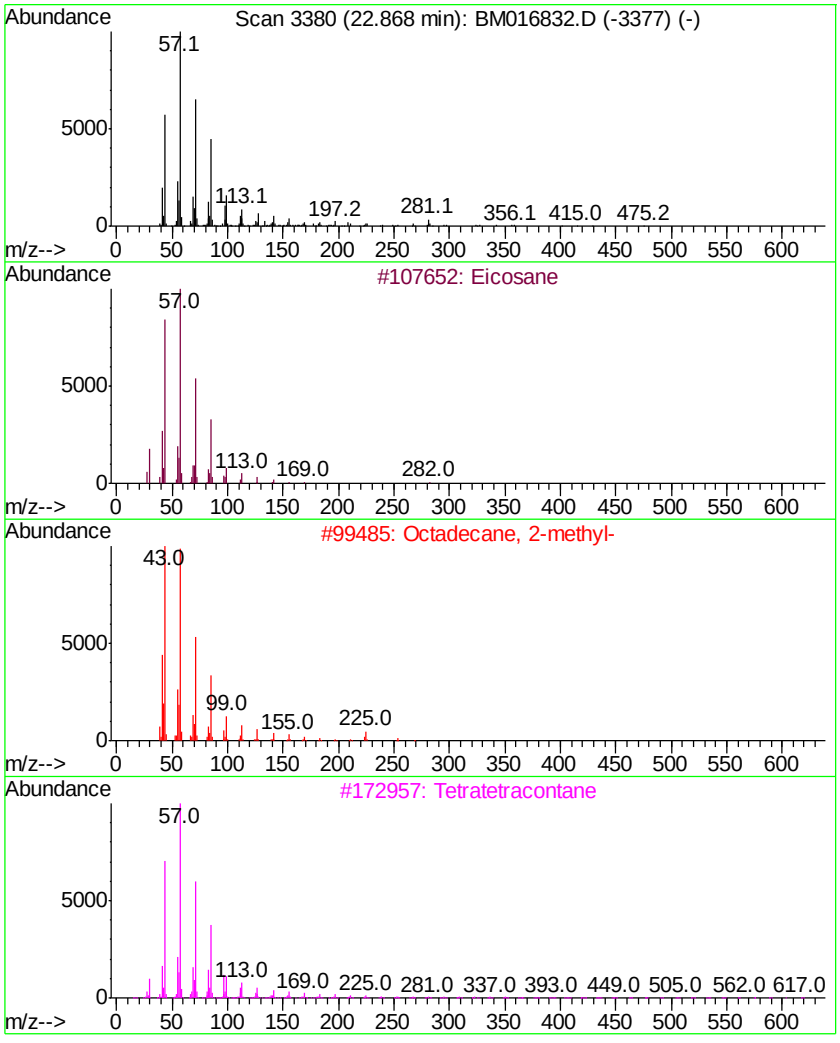
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

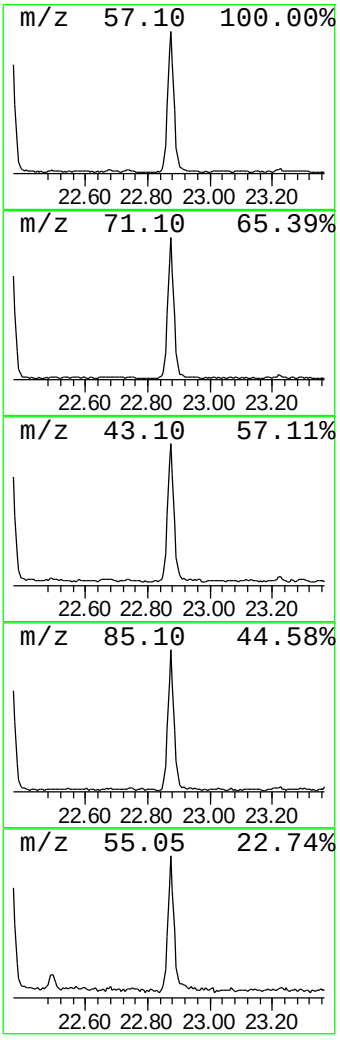
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.87	2.38 ng/ul	590777	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Nonacosane	408	C29H60	000630-03-5	90
5	Octacosane	394	C28H58	000630-02-4	90





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C08L3

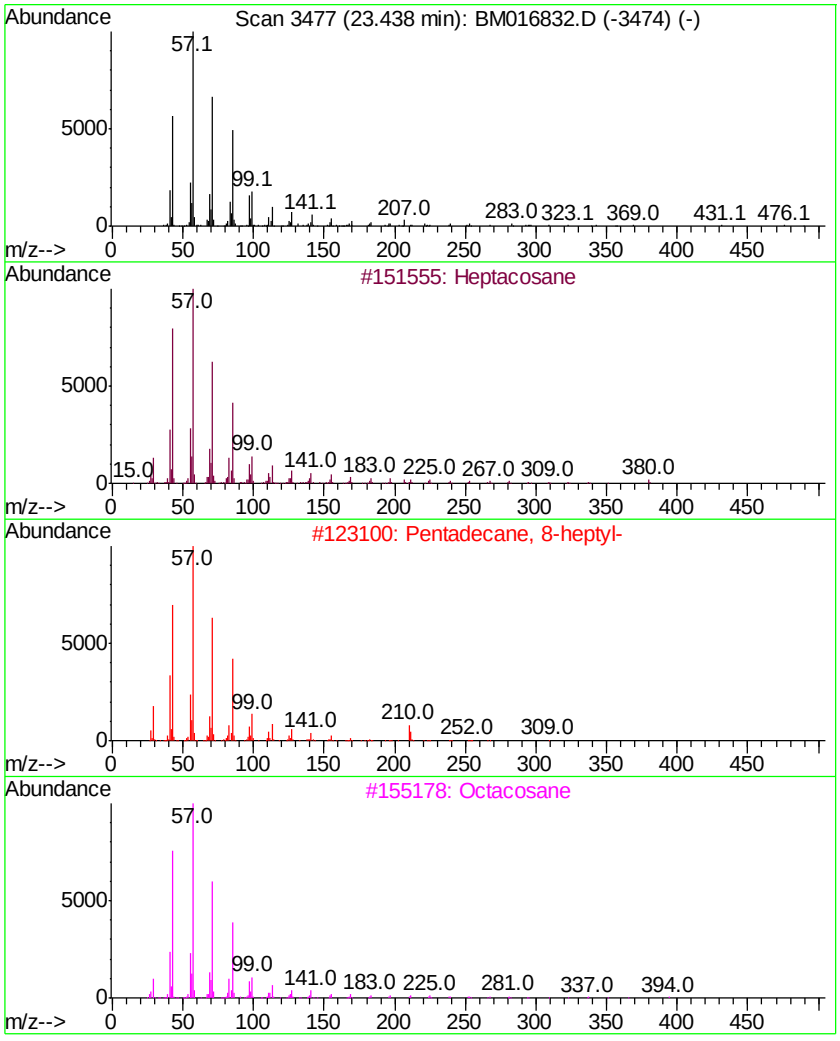
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

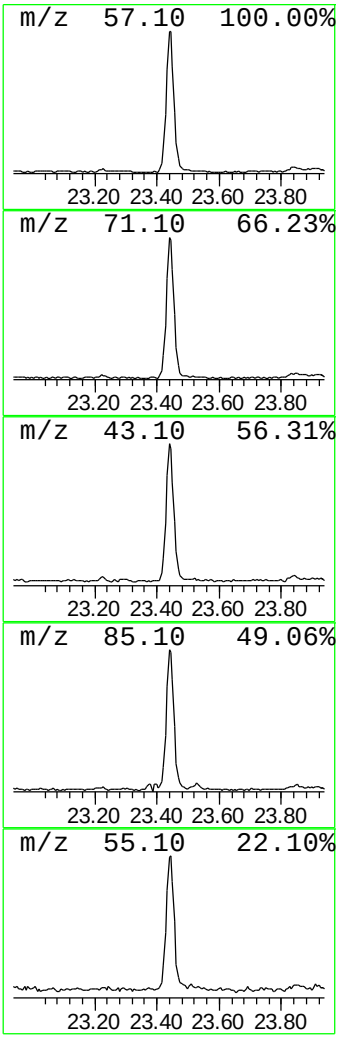
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	3.10 ng/ul	769929	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Pentacosane	352	C25H52	000629-99-2	87
5	Eicosane	282	C20H42	000112-95-8	87





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Quant Title : SVOA CALIBRATION

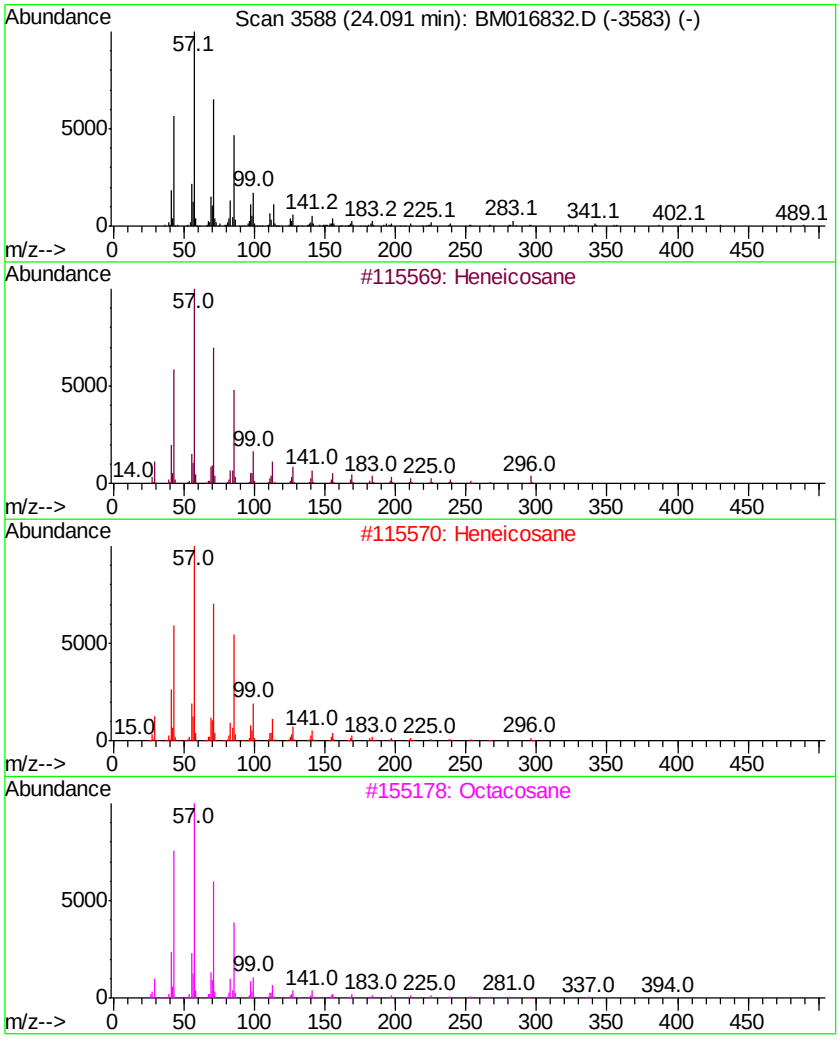
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

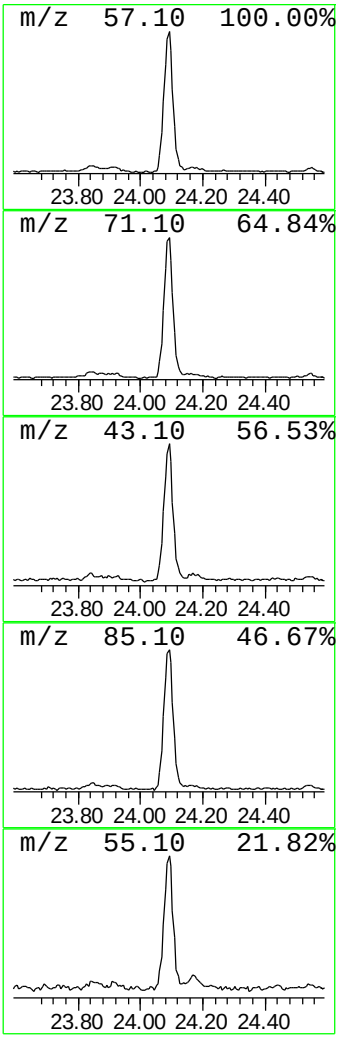
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.54 ng/ul	630849	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.20	6.2	ng/ul	783637	2	10.50	2510020	20.0
Benzene, 1-bromo-...	9.52	3.4	ng/ul	431851	2	10.50	2510020	20.0
n-Hexadecanoic acid	18.02	2.8	ng/ul	520848	4	17.10	3707540	20.0
(DEL) Alkane: Str...	22.87	2.4	ng/ul	590777	6	23.53	4960580	20.0
(DEL) Alkane: Str...	23.44	3.1	ng/ul	769929	6	23.53	4960580	20.0
(DEL) Alkane: Str...	24.09	2.5	ng/ul	630849	6	23.53	4960580	20.0