LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

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-BM031420MA.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	4.952	342	351	369	rBV2	41503950	66540844	100.00%	26.026%
2	6.758	652	658	670	rVB2	204732	402123	0.60%	0.157%
3	6.917	679	685	698	rBV	686811	1055270	1.59%	0.413%
4	7.111	708	718	732	rVB	779805	1222506	1.84%	0.478%
5	7.464	771	778	787	rBV	3960631	6165322	9.27%	2.411%
6	7.616	791	804	816	rBV	23135132	37807708	56.82%	14.788%
7	7.934	848	858	864	rBV	20957725	34212952	51.42%	13.382%
8	8.281	911	917	925	rBV	578776	898632	1.35%	0.351%
9	8.716	983	991	996	rBV	894513	1460422	2.19%	0.571%
10	8.752	996	997	1004	rVB	87298	106846	0.16%	0.042%
11	9.046	1041	1047	1054	rBV	297912	475371	0.71%	0.186%
12	9.281	1082	1087	1091	rBV	76284	122064	0.18%	0.048%
13	9.322	1091	1094	1096	rVV	67967	98643	0.15%	0.039%
14	9.358	1096	1100	1106	rVV	183439	315443	0.47%	0.123%
15	9.428	1106	1112	1119	rVV	727314	1176552	1.77%	0.460%
16	9.499	1119	1124	1130	rVB	57680	88163	0.13%	0.034%
17	9.969	1195	1204	1211	rBV	1110806	1827005	2.75%	0.715%
18	10.222	1237	1247	1261	rBV	23027335	38494764	57.85%	15.057%
19	10.346	1261	1268	1274	rBV	999934	1591065	2.39%	0.622%
20	10.481	1285	1291	1299	rVB	52920	90626	0.14%	0.035%
21	10.728	1324	1333	1343	rBV	6056197	9754310	14.66%	3.815%
22	12.351	1600	1609	1611	rBV	136345	189758	0.29%	0.074%
23	12.387	1611	1615	1623	rVB	380524	577121	0.87%	0.226%
24	12.622	1649	1655	1662	rVB2	119503	180592	0.27%	0.071%
25	12.998	1713	1719	1729	rBV	1519878	2289021	3.44%	0.895%
26	13.634	1816	1827	1831	rBV	2190301	3092362	4.65%	1.210%
27	13.675	1831	1834	1843	rVB	210602	286364	0.43%	0.112%
28	13.898	1865	1872	1881	rBV	2605740	3697335	5.56%	1.446%
29	14.210	1919	1925	1936	rBV	1519098	2199074	3.30%	0.860%
30	14.416	1952	1960	1968	rBV	198320	288429	0.43%	0.113%
31	14.540	1974	1981	1987	rVB	191687	264710	0.40%	0.104%
32	14.698	2003	2008	2013	rVB2	85921	112213	0.17%	0.044%
33	15.210	2088	2095	2102	rBV	3453848	4688434	7.05%	1.834%
34	15.334	2110	2116	2126	rBV	1041495	1424890	2.14%	0.557%

LSC Area Percent Report

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Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

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-BM031420MA.M
Title : SVOA CALIBRATION

35	16.957	2386	2392	2398	rBV	1927073	2568656	3.86%	1.005%
36	17.057	2402	2409	2420	rVV	3764966	5148649	7.74%	2.014%
37	17.881	2544	2549	2553	rBV	230548	298859	0.45%	0.117%
38	18.986	2729	2737	2740	rBV	54264	76026	0.11%	0.030%
39	19.169	2764	2768	2776	rBV2	99320	126832	0.19%	0.050%
40	19.357	2790	2800	2806	rBV	4450657	6048615	9.09%	2.366%
41	20.892	3057	3061	3067	rBV	430735	551329	0.83%	0.216%
42	21.145	3099	3104	3115	rBV	2416134	3096869	4.65%	1.211%
43	21.339	3133	3137	3142	rBV	152864	173584	0.26%	0.068%
44	21.757	3205	3208	3215	rBV	289849	349589	0.53%	0.137%
45	22.204	3280	3284	3289	rBV	495927	611054	0.92%	0.239%
46	22.692	3363	3367	3379	rVB	628879	855055	1.29%	0.334%
47	23.168	3440	3448	3454	rBV	3915235	6750194	10.14%	2.640%
48	23.233	3454	3459	3464	rVV	658169	1026357	1.54%	0.401%
49	23.298	3464	3470	3480	rVB	1949844	3292847	4.95%	1.288%
50	23.845	3558	3563	3570	rBV	496551	869460	1.31%	0.340%
51	24.557	3678	3684	3691	rVB	306846	626634	0.94%	0.245%

Sum of corrected areas: 255667543

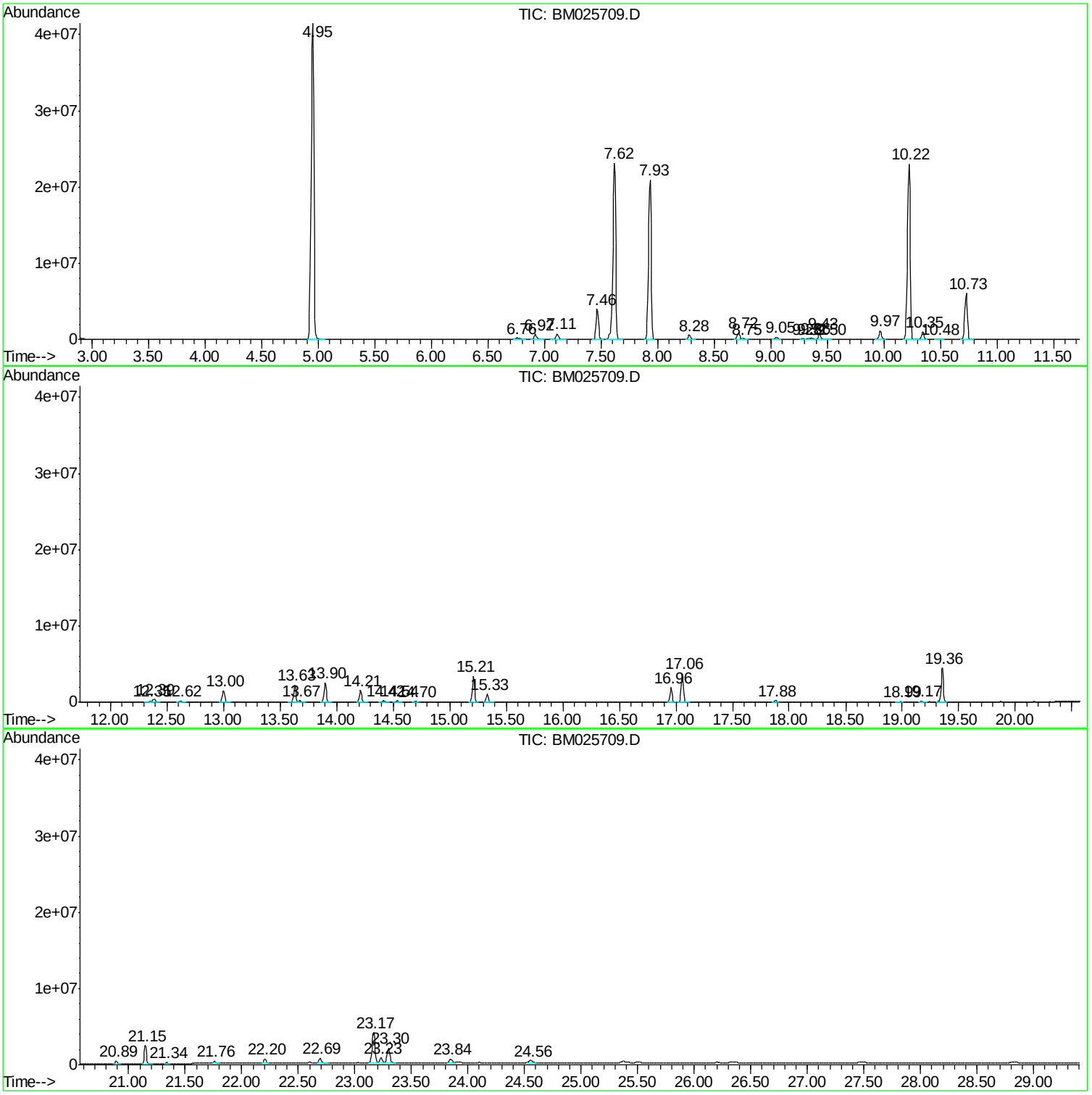
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

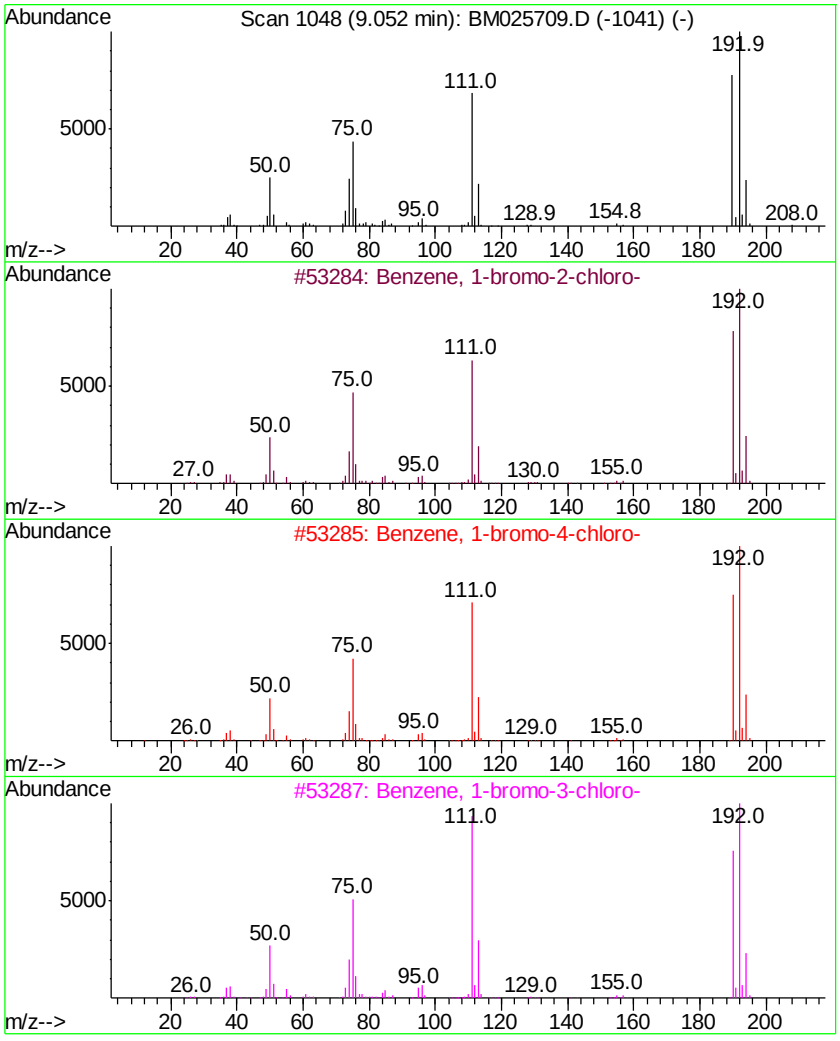
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

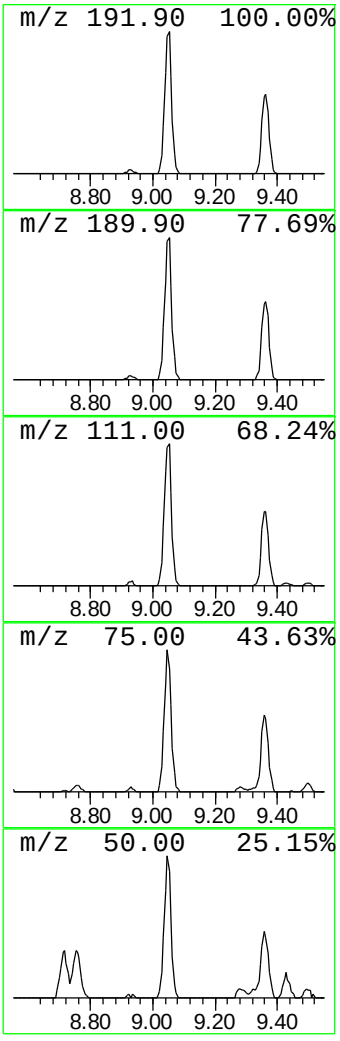
****

Peak Number 4 Benzene, 1-bromo-2-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	5.98 ng/ul	475371	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	98
3	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

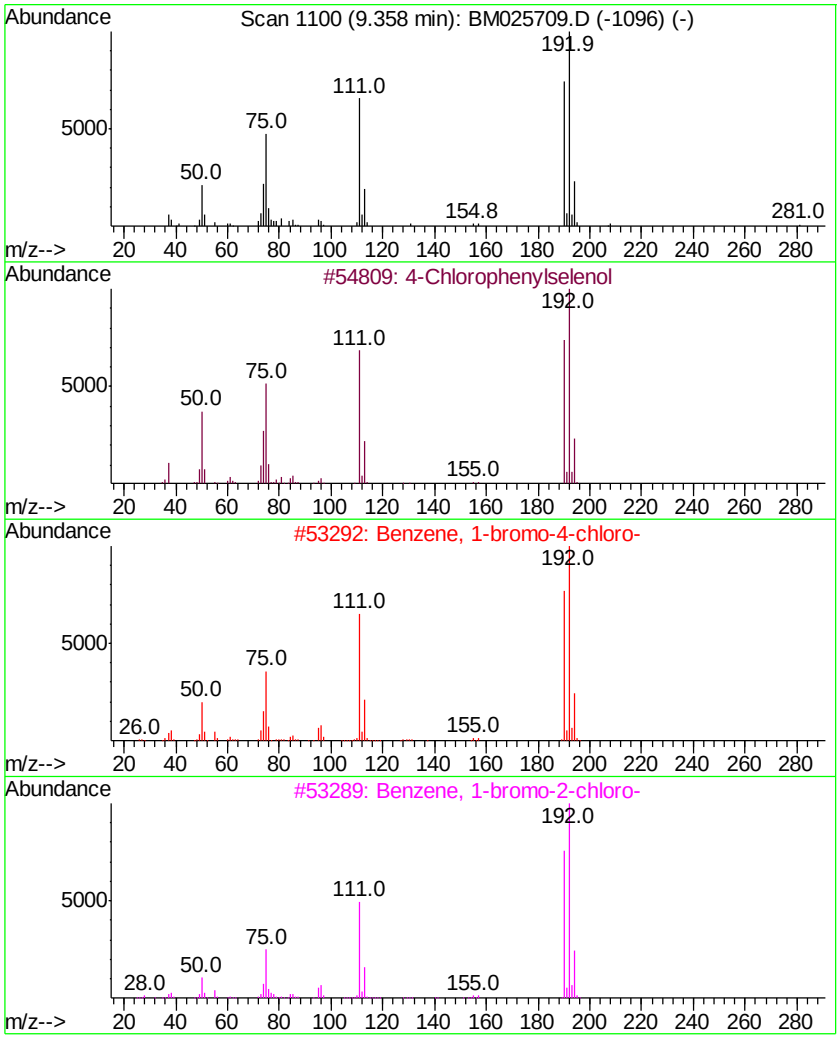
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

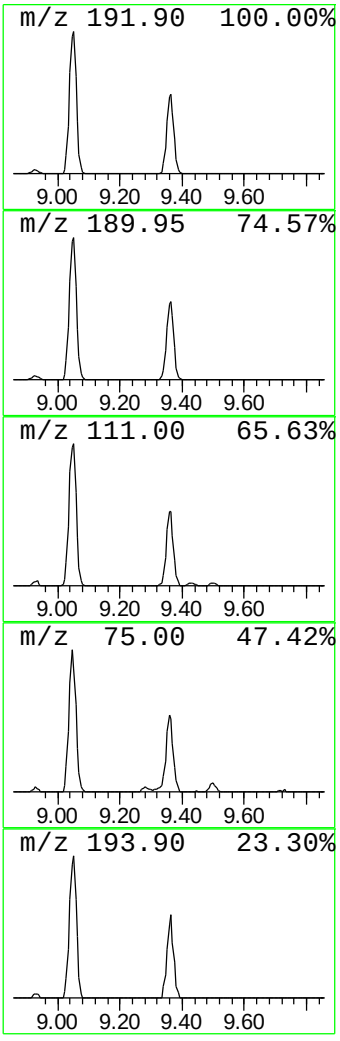
****

Peak Number 5 4-Chlorophenylselenol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	3.97 ng/ul	315443	Naphthalene-d8	10.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	95
2	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	95
3	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	94
4	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	94
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

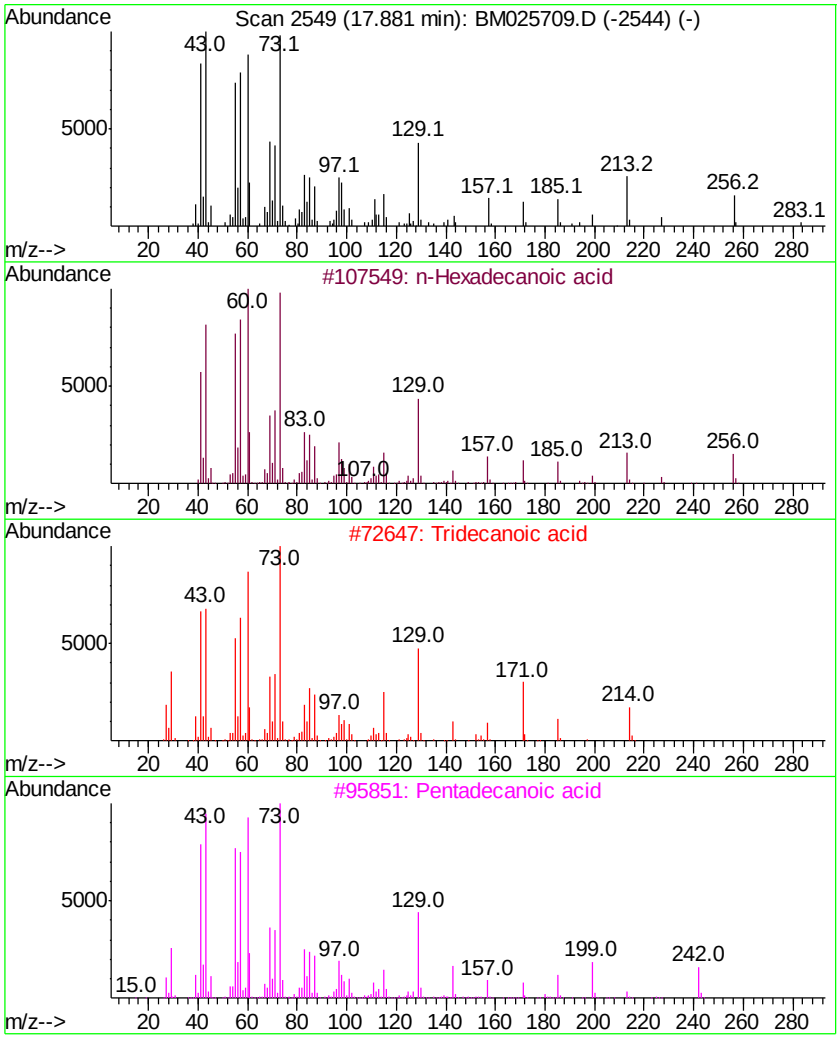
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

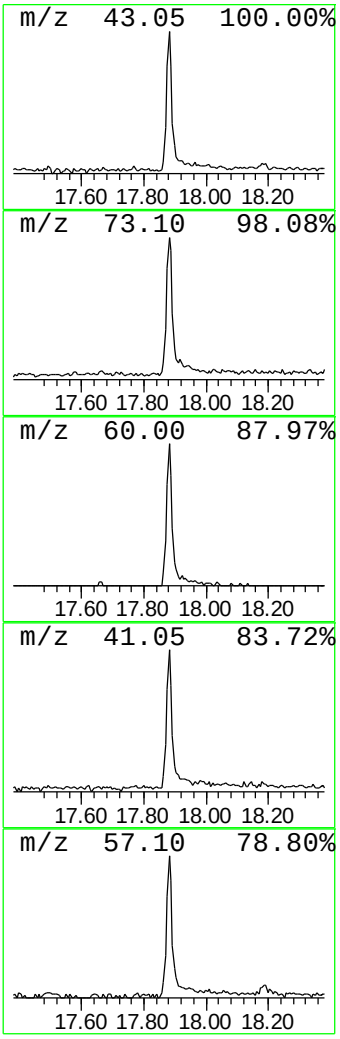
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	2.33 ng/ul	298859	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

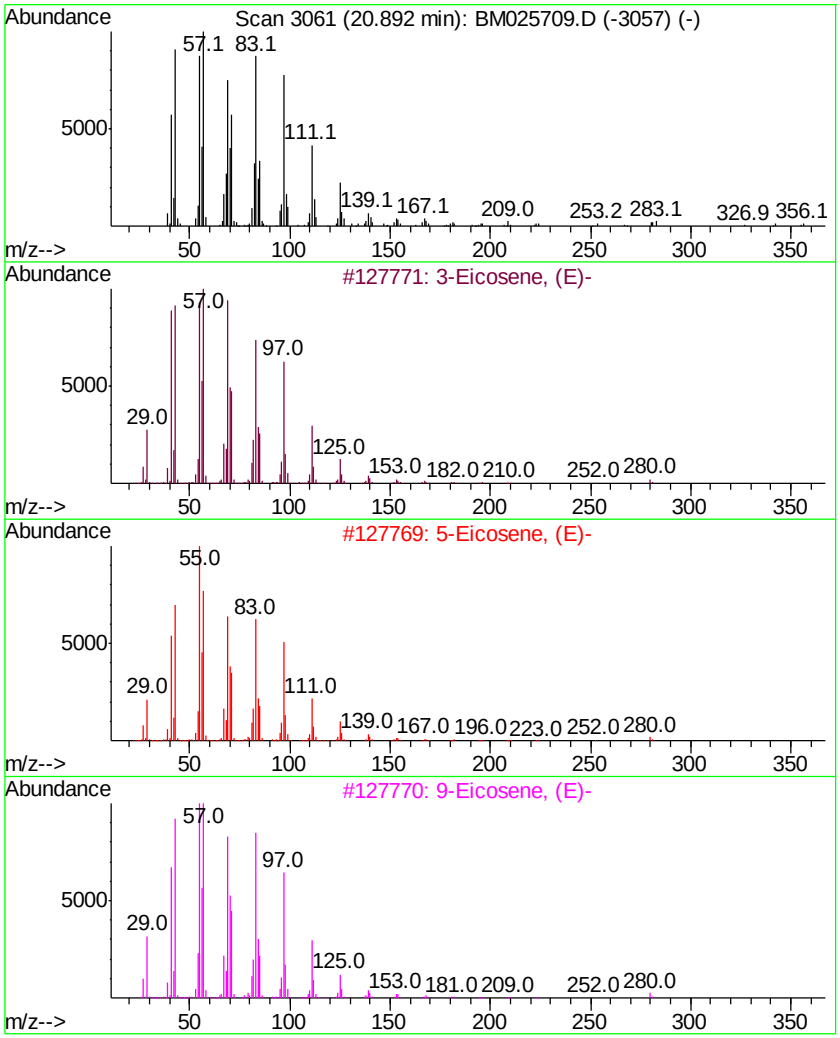
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

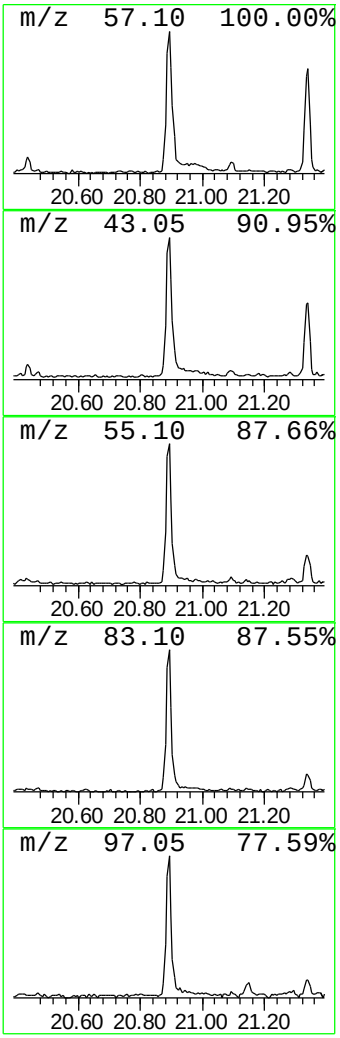
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	3.56 ng/ul	551329	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
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Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

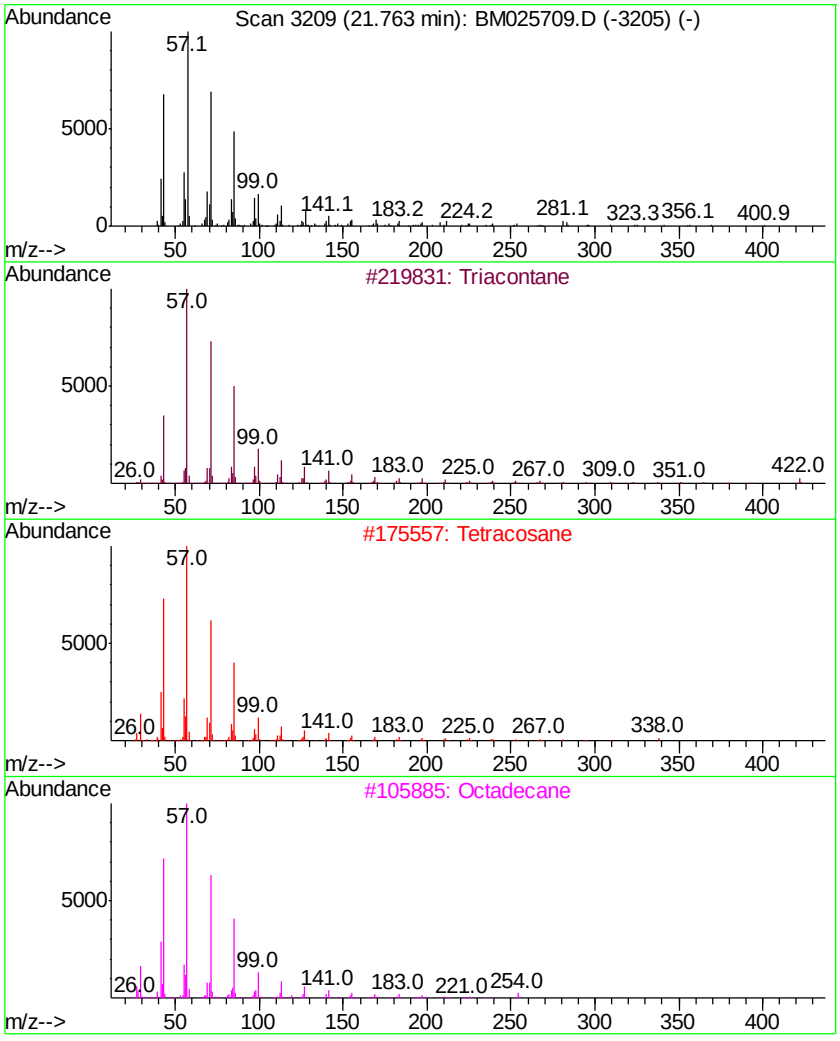
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

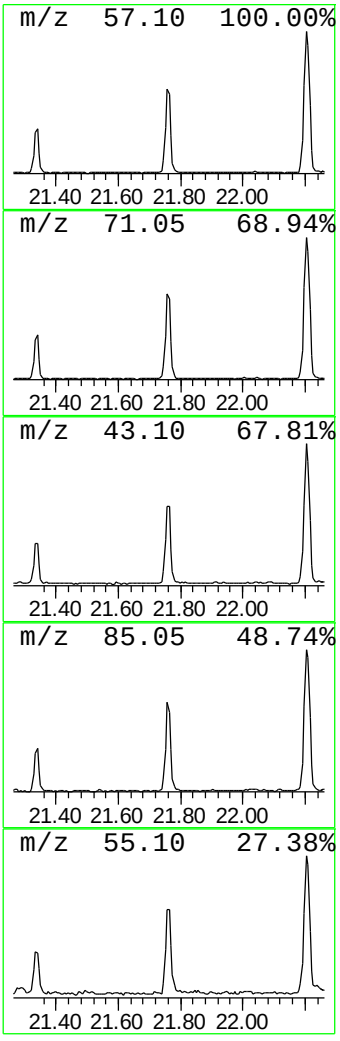
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.26 ng/ul	349589	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	91
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane	254	C18H38	000593-45-3	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Hexadecane	226	C16H34	000544-76-3	87





Library Search Compound Report

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Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

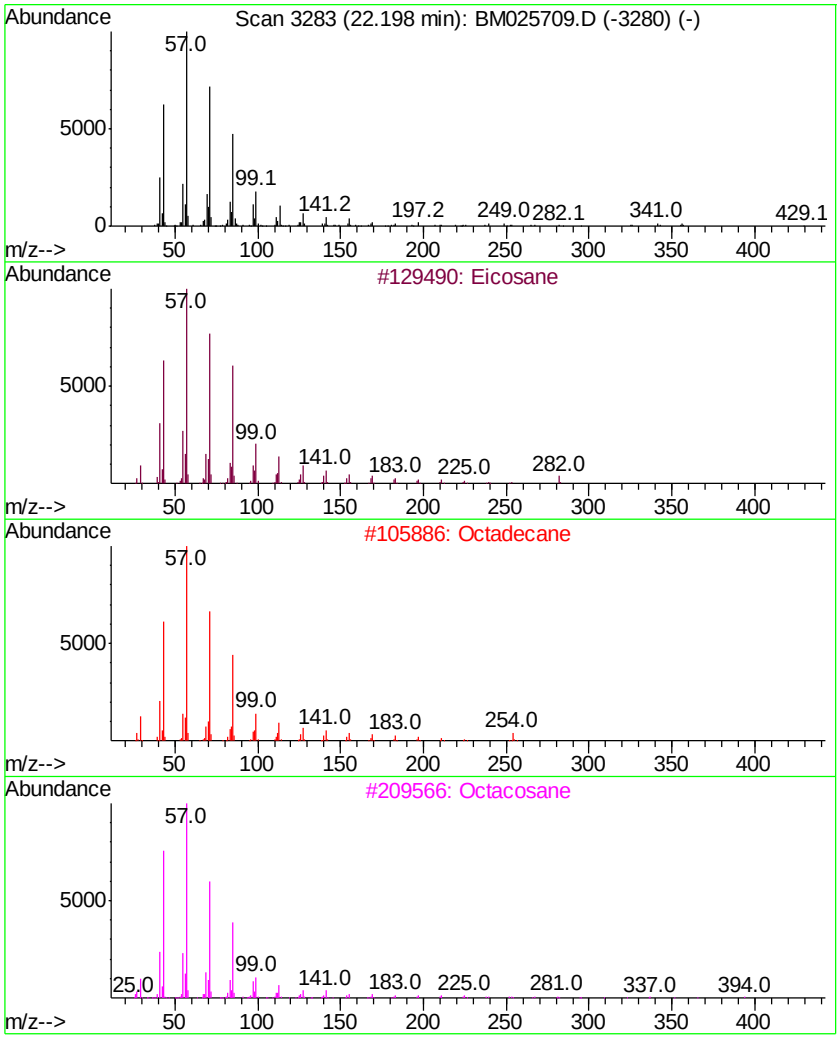
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

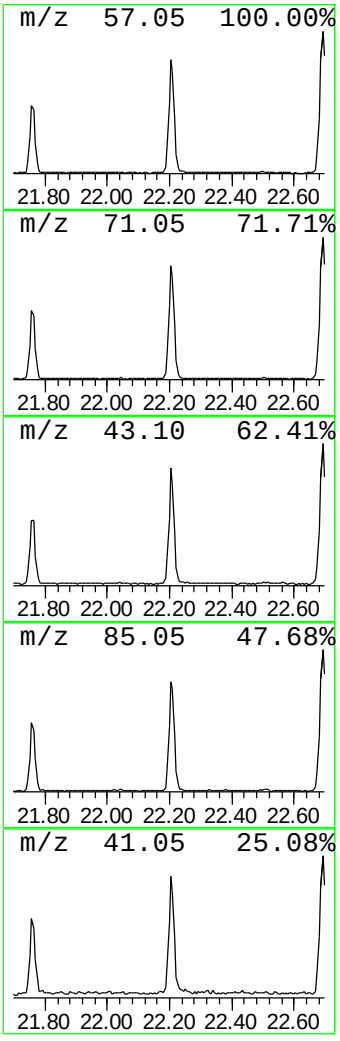
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	3.95 ng/ul	611054	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane	254	C18H38	000593-45-3	94
3	Octacosane	394	C28H58	000630-02-4	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Eicosane	282	C20H42	000112-95-8	91





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Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

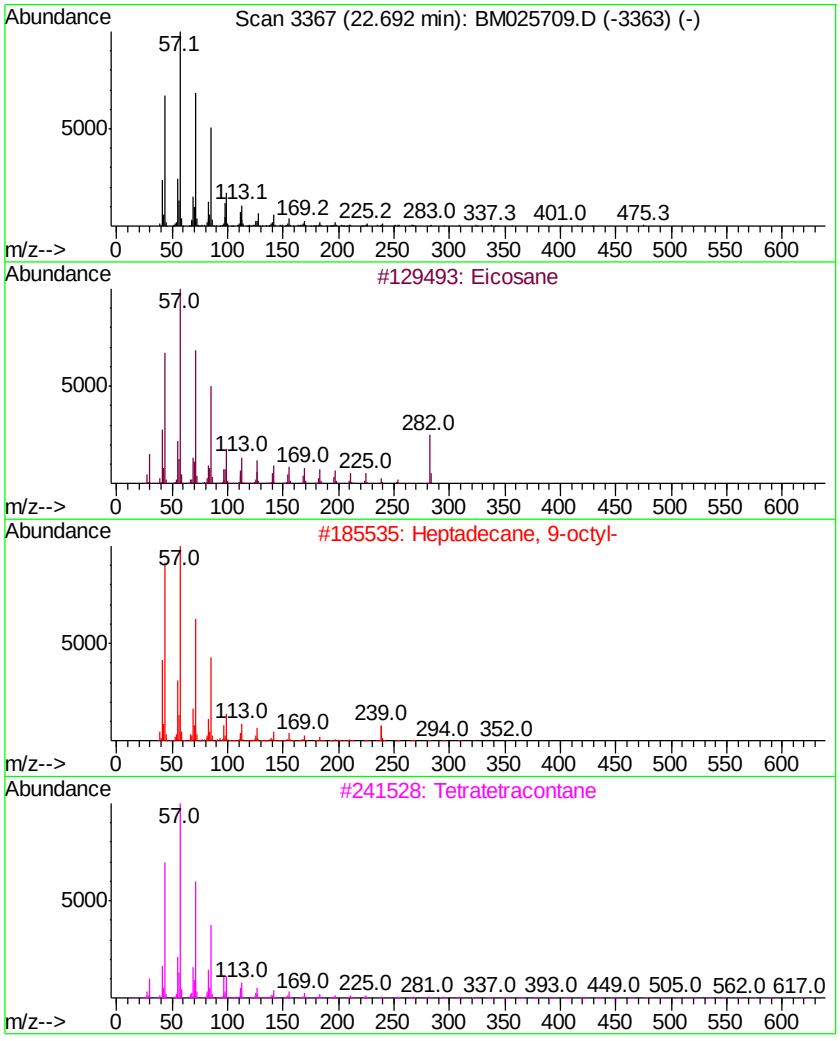
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

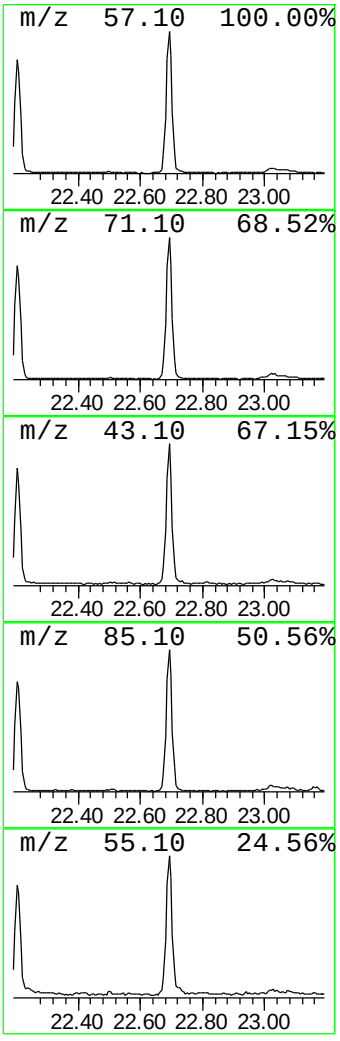
****

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	5.19 ng/ul	855055	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

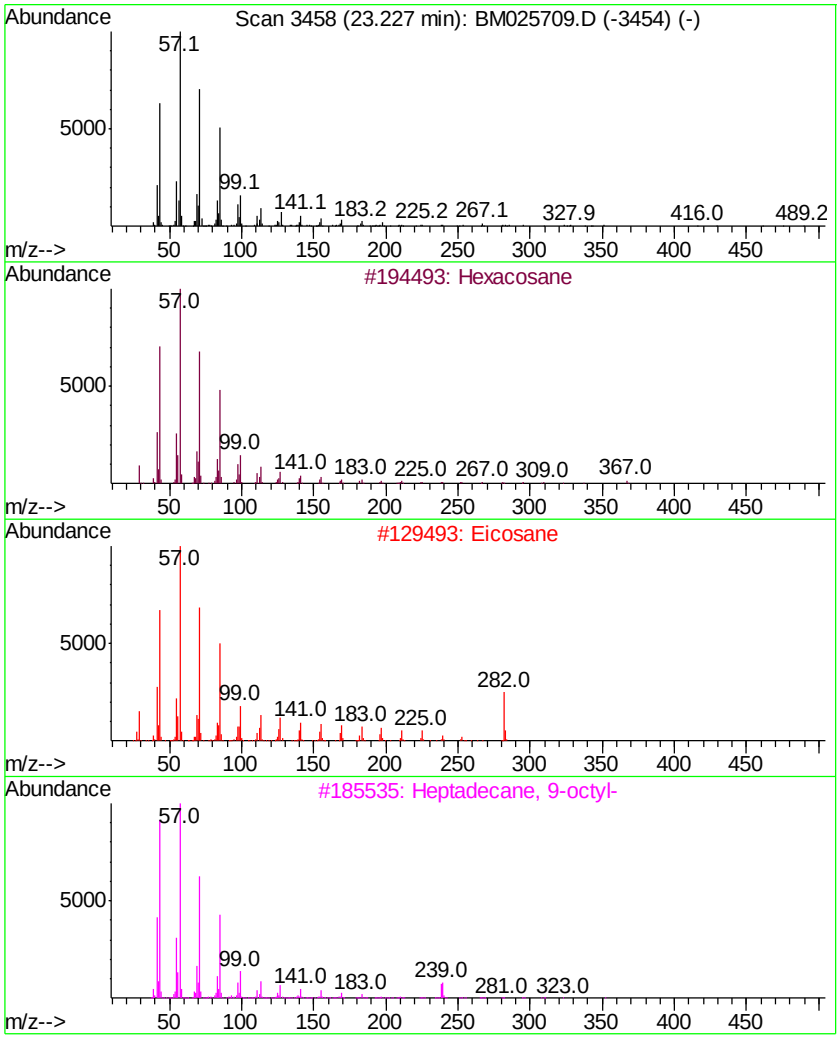
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

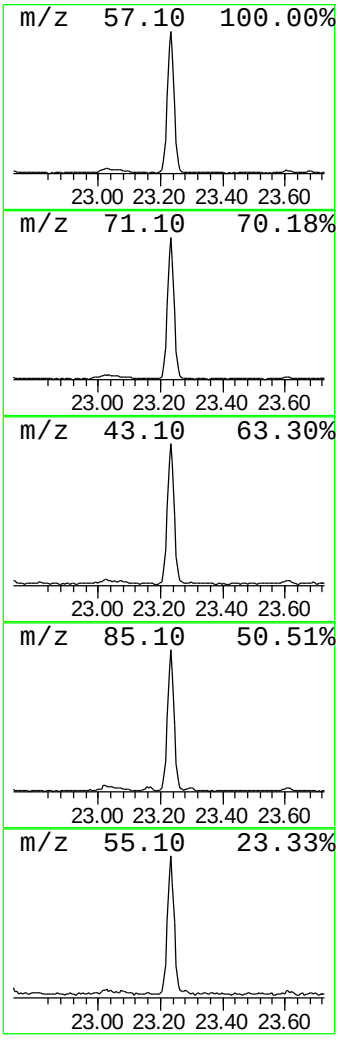
****

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	6.23 ng/ul	1026360	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

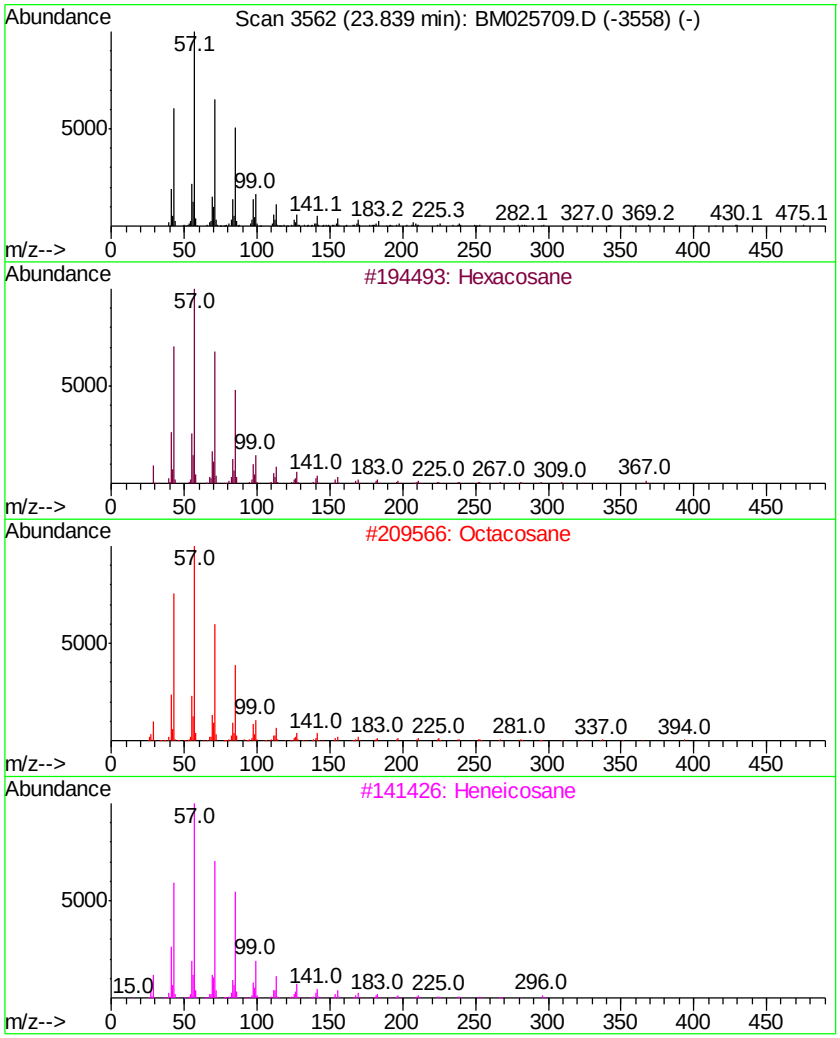
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

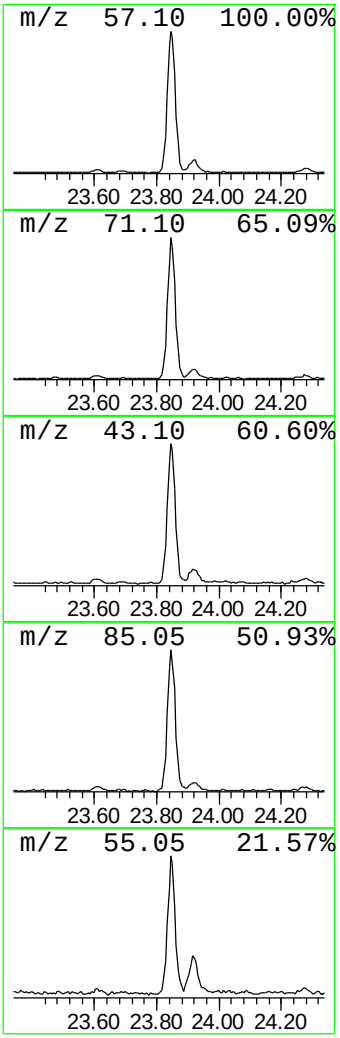
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.84	5.28 ng/ul	869460	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	2-methylhexacosane	380	C27H56	1000376-72-7	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

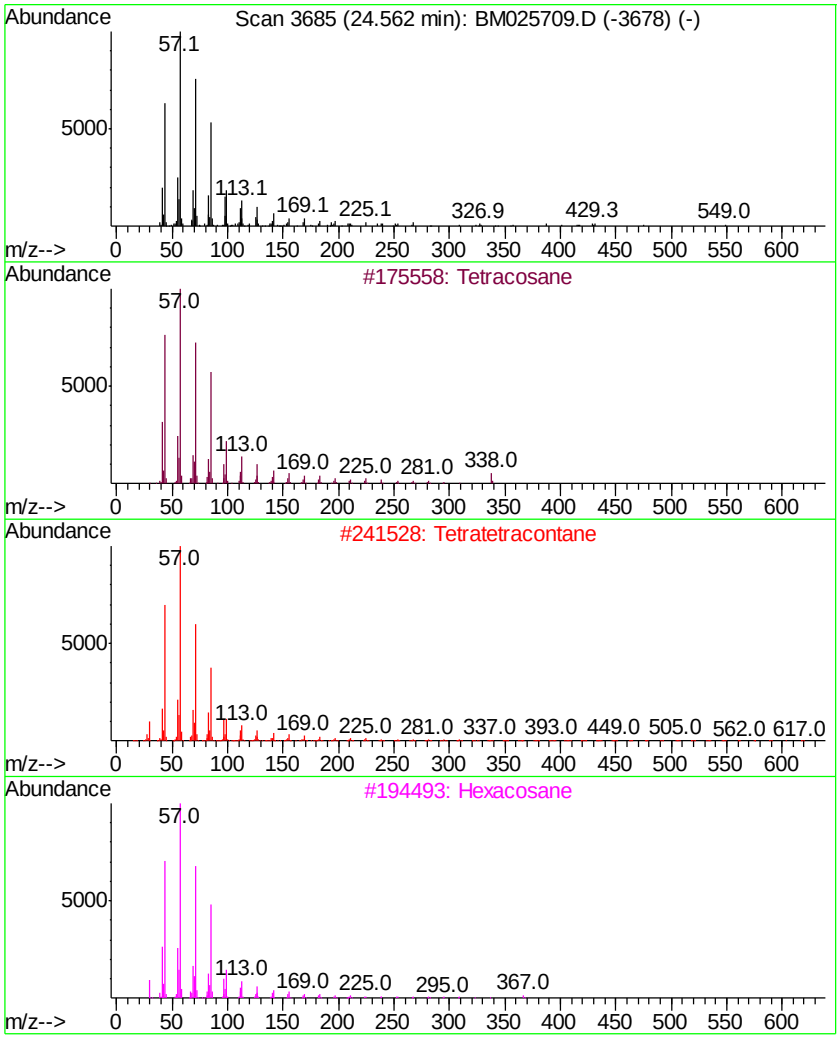
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION

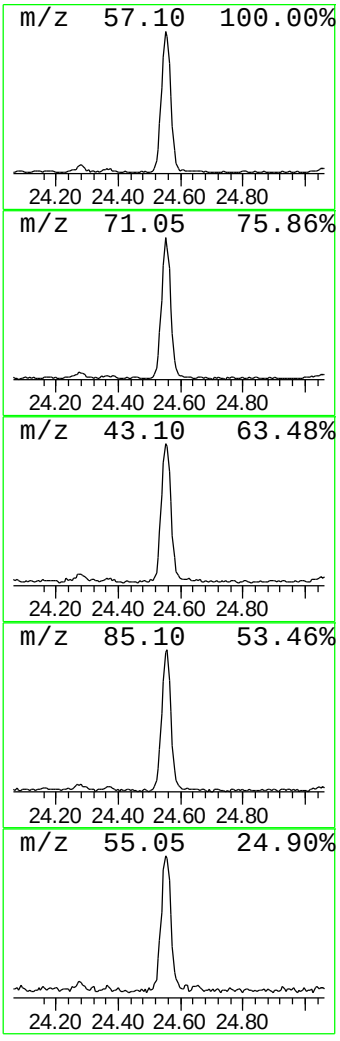
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.56	3.81 ng/ul	626634	Perylene-d12	23.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032320\
Data File : BM025709.D
Acq On : 24 Mar 2020 02:07
Operator : CG/JU
Sample : L1890-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0DD1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.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	6.0	ng/ul	475371	2	10.35	1591070	20.0
4-Chlorophenylsel...	9.36	4.0	ng/ul	315443	2	10.35	1591070	20.0
n-Hexadecanoic acid	17.88	2.3	ng/ul	298859	4	16.96	2568660	20.0
(DEL) Alkane: Str...	20.89	3.6	ng/ul	551329	5	21.15	3096870	20.0
(DEL) Alkane: Str...	21.76	2.3	ng/ul	349589	5	21.15	3096870	20.0
(DEL) Alkane: Str...	22.20	4.0	ng/ul	611054	5	21.15	3096870	20.0
(DEL) Alkane: Str...	22.69	5.2	ng/ul	855055	6	23.30	3292850	20.0
(DEL) Alkane: Str...	23.23	6.2	ng/ul	1026360	6	23.30	3292850	20.0
(DEL) Alkane: Str...	23.84	5.3	ng/ul	869460	6	23.30	3292850	20.0
(DEL) Alkane: Str...	24.56	3.8	ng/ul	626634	6	23.30	3292850	20.0