LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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	3.157	8	12	17	rVB	95630	126203	1.13%	0.110%
2	3.881	130	135	142	rVB	191386	253174	2.27%	0.220%
3	5.016	321	328	333	rBV	84042	129674	1.16%	0.113%
4	7.051	666	674	687	rVB2	956677	1824211	16.34%	1.586%
5	7.157	687	692	696	rVV	80651	112079	1.00%	0.097%
6	7.210	696	701	711	rVB	833198	1289499	11.55%	1.121%
7	7.416	729	736	743	rBV	1038642	1619203	14.50%	1.407%
8	7.810	797	803	807	rBV	179527	263407	2.36%	0.229%
9	7.881	807	815	823	rVB	2423624	3911758	35.03%	3.400%
10	8.586	928	935	944	rBV	1150481	1840033	16.48%	1.599%
11	9.033	1003	1011	1020	rBV	990017	1612188	14.44%	1.401%
12	9.469	1079	1085	1092	rVB	420011	604192	5.41%	0.525%
13	9.757	1124	1134	1141	rBV	803915	1338766	11.99%	1.164%
14	10.298	1216	1226	1234	rBV	1334443	2214924	19.83%	1.925%
15	10.675	1281	1290	1297	rBV	3320105	5492654	49.19%	4.774%
16	10.804	1306	1312	1325	rBV	801416	1439468	12.89%	1.251%
17	11.963	1502	1509	1519	rBV	731939	1058305	9.48%	0.920%
18	12.086	1521	1530	1538	rBV	1462550	2391026	21.41%	2.078%
19	13.021	1682	1689	1701	rBV	322242	521916	4.67%	0.454%
20	13.921	1832	1842	1847	rBV	2335348	3289369	29.46%	2.859%
21	13.963	1847	1849	1853	rVB	112640	137253	1.23%	0.119%
22	14.204	1884	1890	1900	rBV	2717654	4075394	36.49%	3.542%
23	14.510	1933	1942	1949	rBV2	4751580	7439023	66.62%	6.466%
24	14.574	1949	1953	1962	rVB2	83857	142626	1.28%	0.124%
25	14.710	1970	1976	1985	rBV	464986	806303	7.22%	0.701%
26	14.910	2005	2010	2019	rVB2	108907	224812	2.01%	0.195%
27	15.504	2104	2111	2117	rBV	3368669	4715537	42.23%	4.099%
28	15.557	2117	2120	2126	rVV	221356	322721	2.89%	0.281%
29	15.621	2126	2131	2138	rVV	151388	218858	1.96%	0.190%
30	15.851	2166	2170	2176	rBV3	89373	160068	1.43%	0.139%
31	15.998	2191	2195	2201	rBV	91793	157129	1.41%	0.137%
32	16.227	2230	2234	2241	rBV2	100976	178689	1.60%	0.155%
33	16.904	2346	2349	2357	rVB3	123436	185803	1.66%	0.162%
34	16.986	2359	2363	2365	rBV	85789	136803	1.23%	0.119%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Title : SVOA CALIBRATION

35	17.068	2374	2377	2386	rVB	144759	227212	2.03%	0.197%
36	17.251	2402	2408	2412	rBV	5485165	8140860	72.90%	7.076%
37	17.298	2412	2416	2420	rVV	2806220	3831951	34.31%	3.331%
38	17.351	2420	2425	2429	rVV	3274888	4725175	42.31%	4.107%
39	17.386	2429	2431	2435	rVB	707436	774042	6.93%	0.673%
40	18.174	2562	2565	2570	rVB	590336	806236	7.22%	0.701%
41	18.256	2575	2579	2582	rVV	257890	336259	3.01%	0.292%
42	18.321	2585	2590	2594	rVV2	485809	964982	8.64%	0.839%
43	18.356	2594	2596	2601	rVB	287848	347572	3.11%	0.302%
44	18.627	2638	2642	2645	rBV	374647	495832	4.44%	0.431%
45	19.039	2709	2712	2716	rBV	257021	355328	3.18%	0.309%
46	19.180	2733	2736	2743	rBV	336217	480483	4.30%	0.418%
47	19.303	2752	2757	2762	rBV	5192128	6715663	60.14%	5.837%
48	19.639	2809	2814	2816	rBV2	3996787	5525589	49.48%	4.803%
49	19.668	2816	2819	2827	rVB	4321901	5588103	50.04%	4.857%
50	21.421	3111	3117	3121	rBV2	6427717	11167018	100.00%	9.706%
51	21.456	3121	3123	3132	rVB	2291346	2891021	25.89%	2.513%
52	23.038	3388	3392	3397	rBV	1728033	3360194	30.09%	2.921%
53	23.585	3482	3485	3489	rVB2	1401836	1824388	16.34%	1.586%
54	23.732	3505	3510	3516	rBV	3564465	6256721	56.03%	5.438%

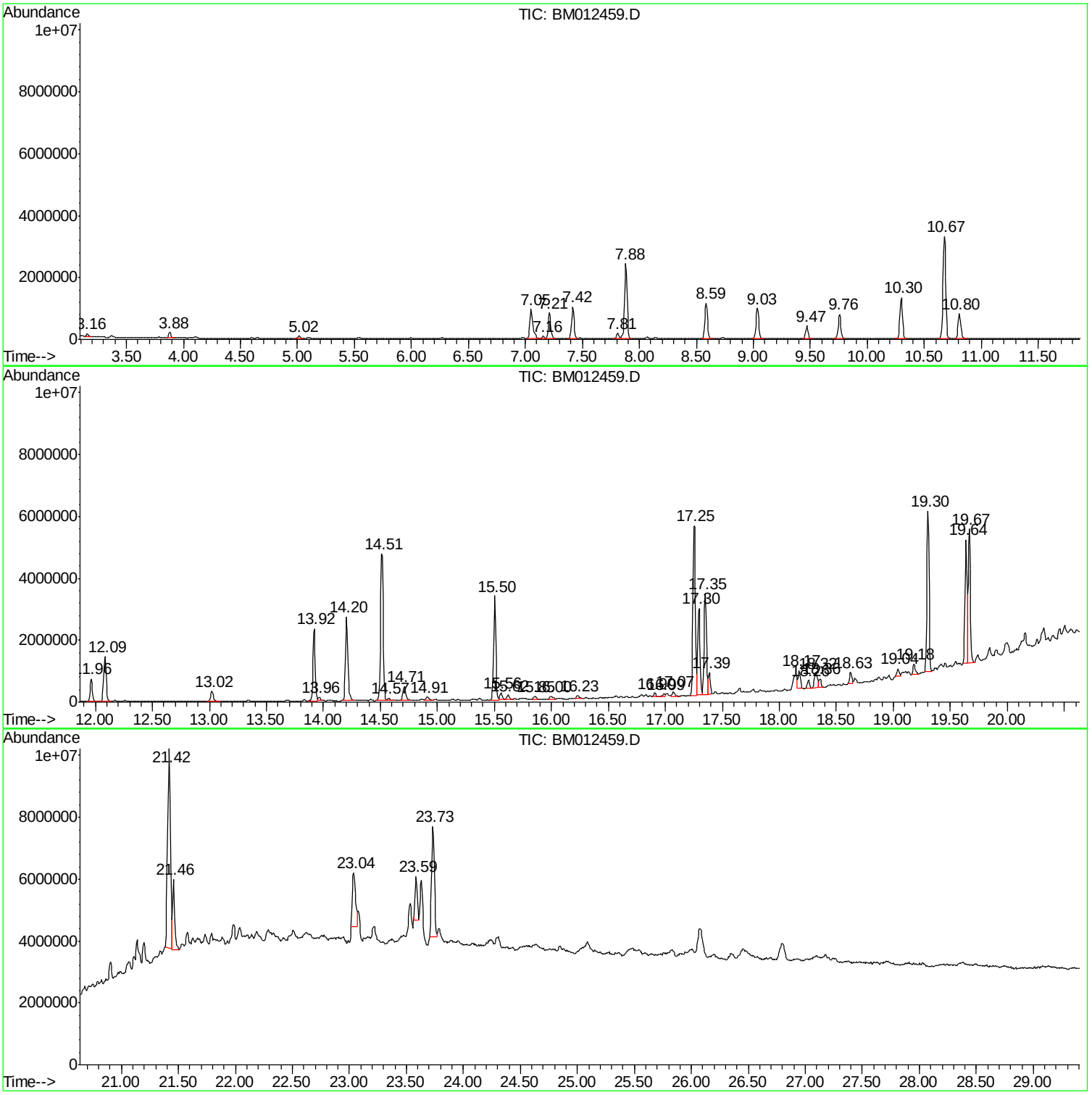
Sum of corrected areas: 115047697

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

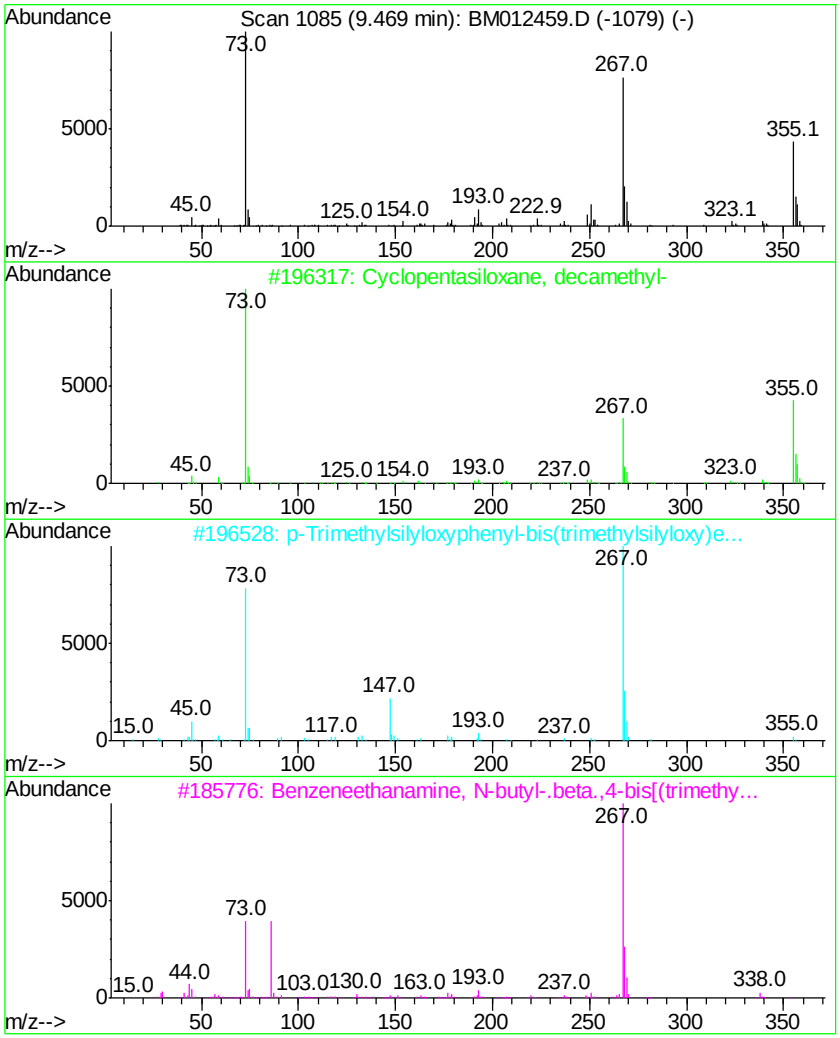
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

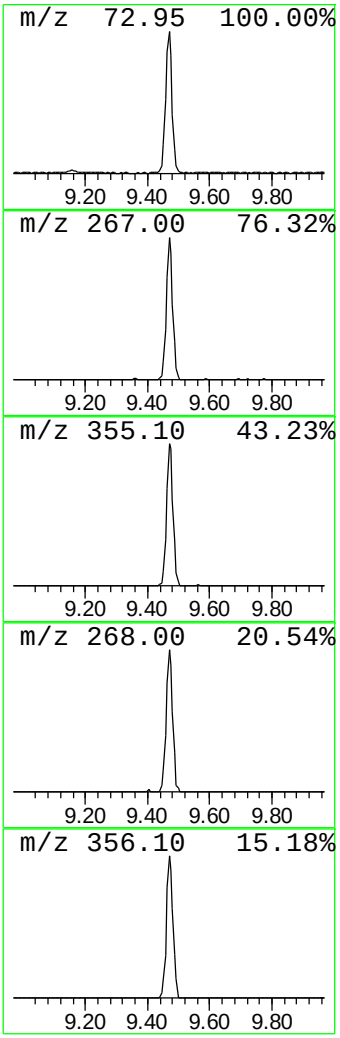
****

Peak Number 1 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	2.20 ng/ul	604192	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	p-Trimethylsilyloxyphenyl-bis(tr...	370	C17H34O3Si3	1000079-08-1	50
3	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	47
4	m-Hydroxymandelic acid, tris(tri...	384	C17H32O4Si3	068595-69-7	47
5	Benzoic acid, 4-[(trimethylsilyl...	282	C13H22O3Si2	002078-13-9	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

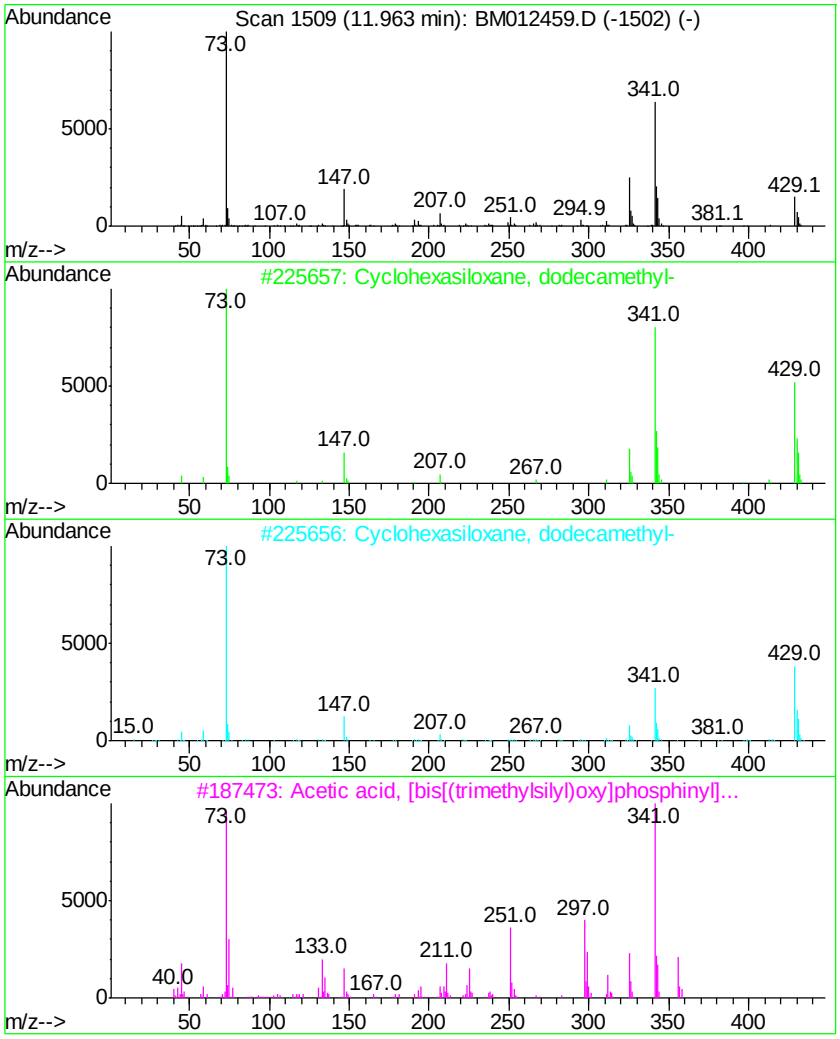
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

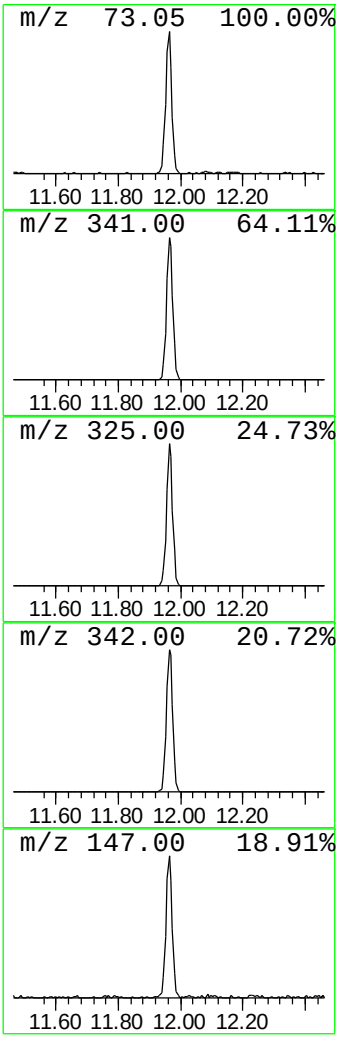
****

Peak Number 2 Cyclohexasiloxane, dodecame... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	3.85 ng/ul	1058310	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	47
3	Acetic acid, [bis[(trimethylsilv...	356	C11H29O5PSi3	053044-27-2	42
4	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	38
5	2-Chloro-4-(4-methoxyphenyl)-6-(...	341	C17H12ClN3O3	063673-76-7	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

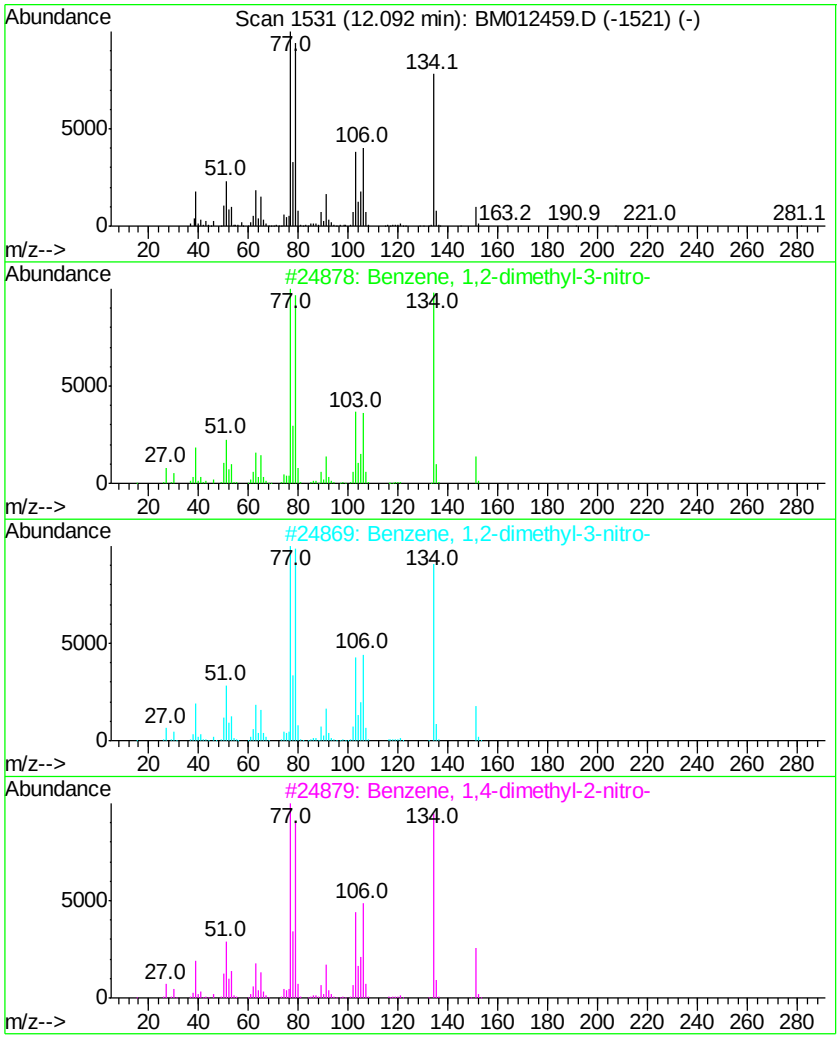
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

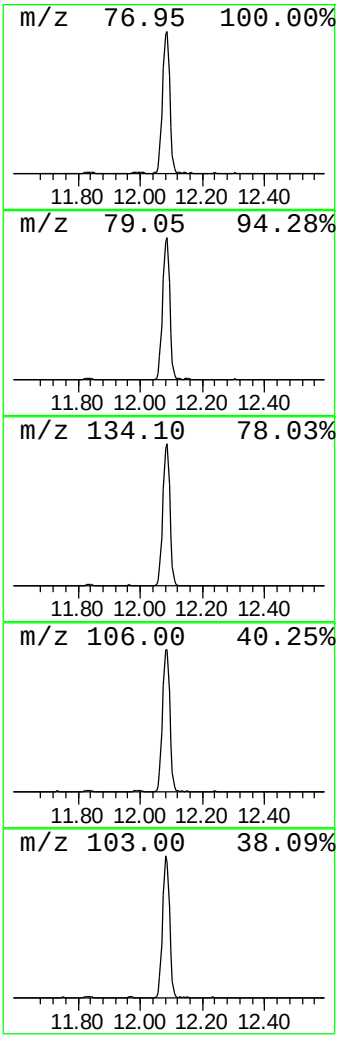
****

Peak Number 3 Benzene, 1,2-dimethyl-3-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	8.71 ng/ul	2391030	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	98
2	Benzene, 1,2-dimethyl-3-nitro-	151	C8H9NO2	000083-41-0	97
3	Benzene, 1,4-dimethyl-2-nitro-	151	C8H9NO2	000089-58-7	96
4	Benzene, 2,4-dimethyl-1-nitro-	151	C8H9NO2	000089-87-2	95
5	Benzene, 2,4-dimethyl-1-nitro-	151	C8H9NO2	000089-87-2	94





Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION

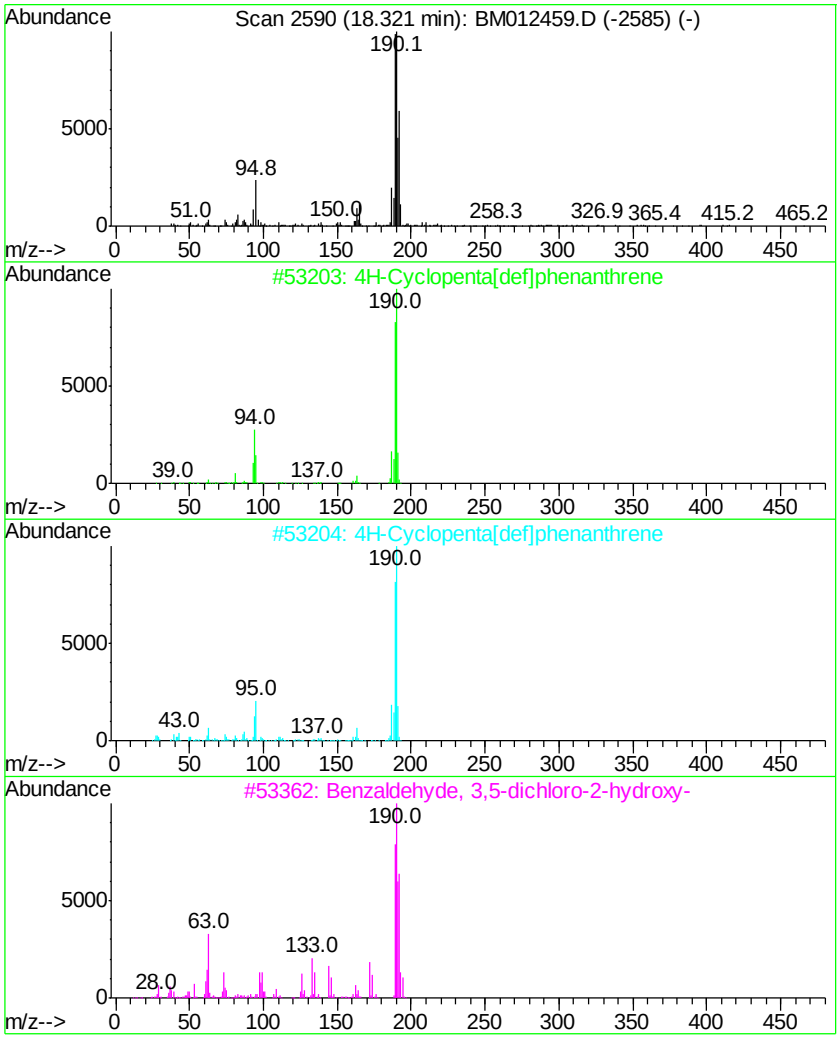
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

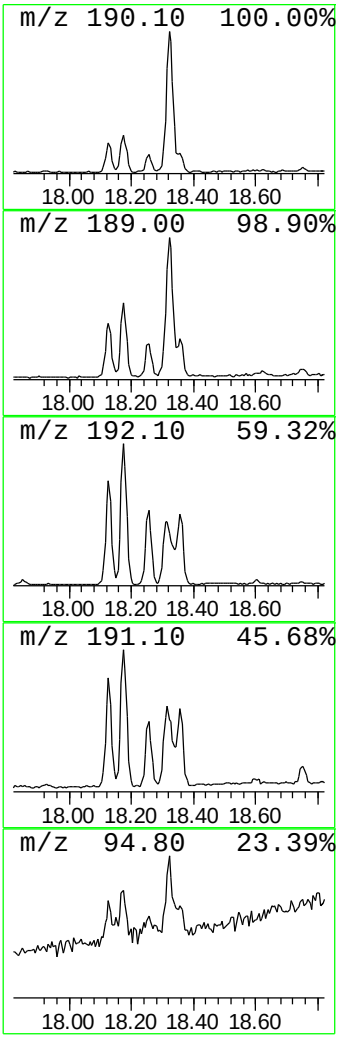
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.37 ng/ul	964982	Phenanthrene-d10	17.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5	Methyl diselenide	190	C2H6Se2	007101-31-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102517\
Data File : BM012459.D
Acq On : 26 Oct 2017 00:13
Operator : SJ/JU
Sample : I5873-07 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-18(5-6)_101217

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102417.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
Cyclopentasiloxan...	9.47	2.2	ng/ul	604192	2	10.67	5492650	20.0
Cyclohexasiloxane...	11.96	3.9	ng/ul	1058310	2	10.67	5492650	20.0
Benzene, 1,2-dime...	12.09	8.7	ng/ul	2391030	2	10.67	5492650	20.0
4H-Cyclopenta[def...	18.32	2.4	ng/ul	964982	4	17.25	8140860	20.0