LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

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-BM061419MA.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	3.046	8	10	16	rVB	140137	156221	3.20%	0.293%
2	3.128	21	24	26	rVV	27724	27035	0.55%	0.051%
3	3.210	35	38	44	rVB	512962	513350	10.52%	0.962%
4	3.546	92	95	100	rVB2	43465	51182	1.05%	0.096%
5	7.787	810	816	825	rBV	916734	1484630	30.42%	2.782%
6	10.251	1229	1235	1239	rBV4	4315	7265	0.15%	0.014%
7	10.580	1283	1291	1303	rVB	1204261	2047726	41.96%	3.837%
8	11.039	1364	1369	1372	rBV4	4227	6181	0.13%	0.012%
9	14.427	1938	1945	1955	rBV2	1997658	3026928	62.03%	5.672%
10	15.427	2110	2115	2120	rVB4	5099	8090	0.17%	0.015%
11	15.686	2153	2159	2165	rBV	112561	158823	3.25%	0.298%
12	16.704	2326	2332	2340	rBV	1661320	2206452	45.21%	4.134%
13	16.821	2348	2352	2357	rVB5	5989	8060	0.17%	0.015%
14	16.962	2373	2376	2381	rVB2	8834	11323	0.23%	0.021%
15	17.051	2387	2391	2394	rBV2	17279	20937	0.43%	0.039%
16	17.086	2394	2397	2402	rVB	27456	34407	0.71%	0.064%
17	17.174	2406	2412	2426	rVV2	2936038	4880090	100.00%	9.144%
18	17.274	2426	2429	2431	rVB4	4918	5710	0.12%	0.011%
19	17.351	2436	2442	2449	rVB	2173735	2786171	57.09%	5.221%
20	17.557	2473	2477	2482	rBV	40276	47899	0.98%	0.090%
21	17.627	2484	2489	2491	rBV3	17036	23849	0.49%	0.045%
22	17.656	2491	2494	2499	rVB4	22180	26903	0.55%	0.050%
23	17.715	2499	2504	2508	rBV4	28653	35093	0.72%	0.066%
24	17.774	2508	2514	2520	rBV	288354	440508	9.03%	0.825%
25	17.886	2527	2533	2541	rBV	776856	1059657	21.71%	1.986%
26	17.968	2541	2547	2552	rVV	381153	502183	10.29%	0.941%
27	18.021	2552	2556	2560	rVV	163562	203498	4.17%	0.381%
28	18.074	2560	2565	2572	rVB	906251	1201004	24.61%	2.250%
29	18.186	2579	2584	2588	rBV	376615	506184	10.37%	0.948%
30	18.245	2588	2594	2599	rVV	2929430	4157975	85.20%	7.791%
31	18.304	2599	2604	2607	rVV	2547968	3366362	68.98%	6.308%
32	18.345	2607	2611	2617	rVB	2105689	2643699	54.17%	4.954%
33	18.527	2636	2642	2647	rBV	2797214	4014569	82.26%	7.522%
34	18.574	2647	2650	2656	rVB	1362379	1629404	33.39%	3.053%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

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-BM061419MA.M
Title : SVOA CALIBRATION

35	18.633	2656	2660	2661	rBV2	71534	86293	1.77%	0.162%
36	18.668	2661	2666	2668	rVV	1197351	1508477	30.91%	2.827%
37	18.703	2668	2672	2678	rVB	2269623	2976660	61.00%	5.578%
38	18.768	2679	2683	2685	rBV2	44765	52668	1.08%	0.099%
39	18.803	2685	2689	2695	rVB	540012	684005	14.02%	1.282%
40	18.874	2696	2701	2705	rBV	78436	99083	2.03%	0.186%
41	18.951	2709	2714	2718	rBV2	102302	132458	2.71%	0.248%
42	19.009	2719	2724	2728	rBV	726939	929271	19.04%	1.741%
43	19.062	2728	2733	2735	rBV	227739	342984	7.03%	0.643%
44	19.098	2735	2739	2747	rVB3	1023325	1585082	32.48%	2.970%
45	19.174	2747	2752	2756	rBV2	112927	136719	2.80%	0.256%
46	19.233	2756	2762	2765	rBV2	35534	56427	1.16%	0.106%
47	19.315	2769	2776	2777	rBV2	144541	216871	4.44%	0.406%
48	19.368	2782	2785	2792	rVV	178890	230086	4.71%	0.431%
49	19.433	2792	2796	2800	rVV2	68212	86202	1.77%	0.162%
50	19.562	2816	2818	2821	rBV3	9939	11944	0.24%	0.022%
51	19.598	2821	2824	2827	rVV2	15333	24288	0.50%	0.046%
52	19.633	2827	2830	2835	rVB7	30254	36894	0.76%	0.069%
53	19.715	2840	2844	2847	rBV2	37144	45057	0.92%	0.084%
54	19.762	2849	2852	2855	rVB3	24485	25575	0.52%	0.048%
55	19.815	2857	2861	2866	rBV	63187	84858	1.74%	0.159%
56	19.868	2866	2870	2874	rBV2	38523	45571	0.93%	0.085%
57	20.133	2911	2915	2919	rVB	79743	93863	1.92%	0.176%
58	20.439	2964	2967	2969	rBV2	55451	63146	1.29%	0.118%
59	20.468	2969	2972	2977	rVB3	64959	77795	1.59%	0.146%
60	21.356	3117	3123	3128	rBV	2573666	3423065	70.14%	6.414%
61	23.627	3503	3509	3525	rVB	1544639	3012986	61.74%	5.646%

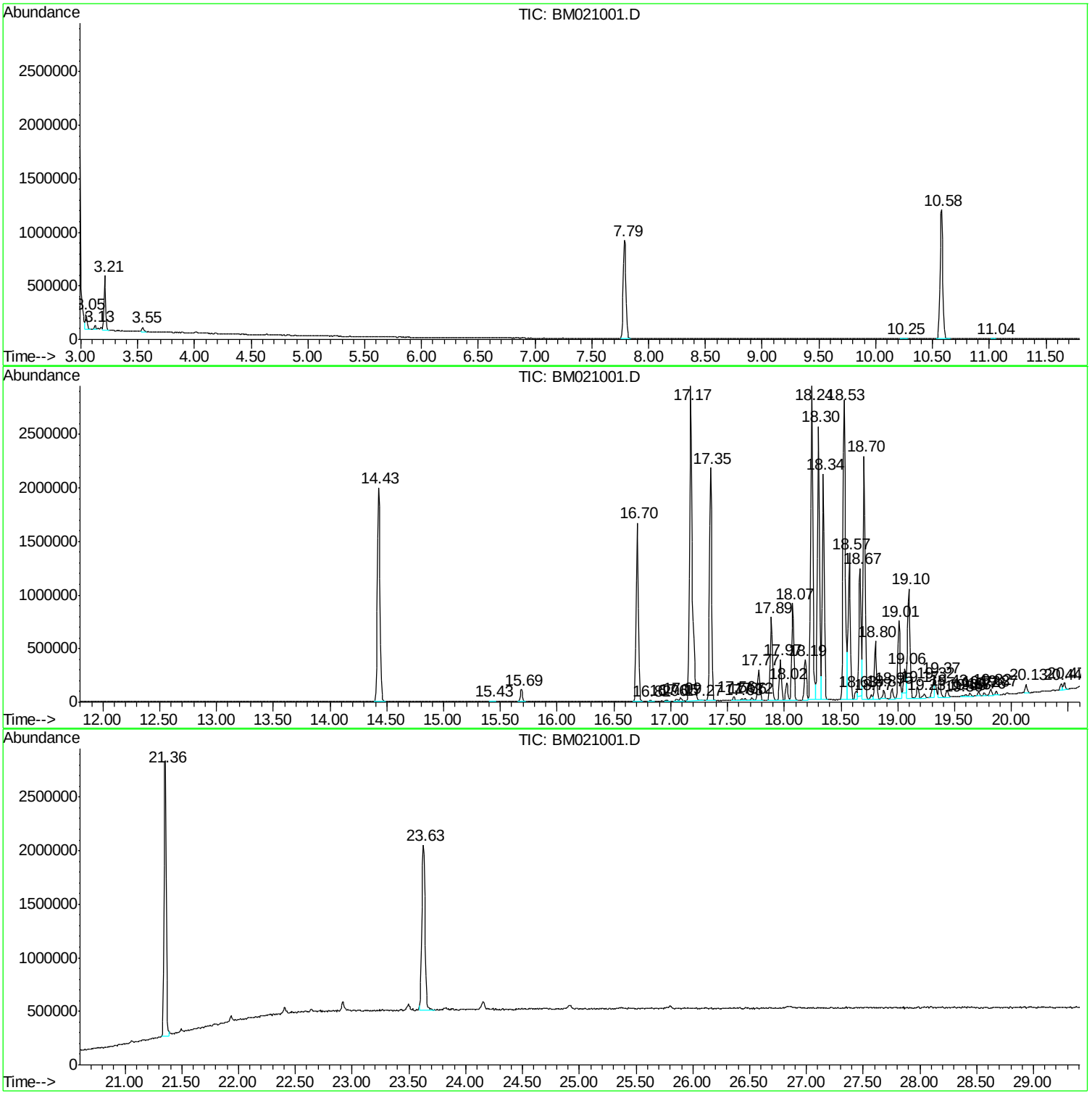
Sum of corrected areas: 53367696

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

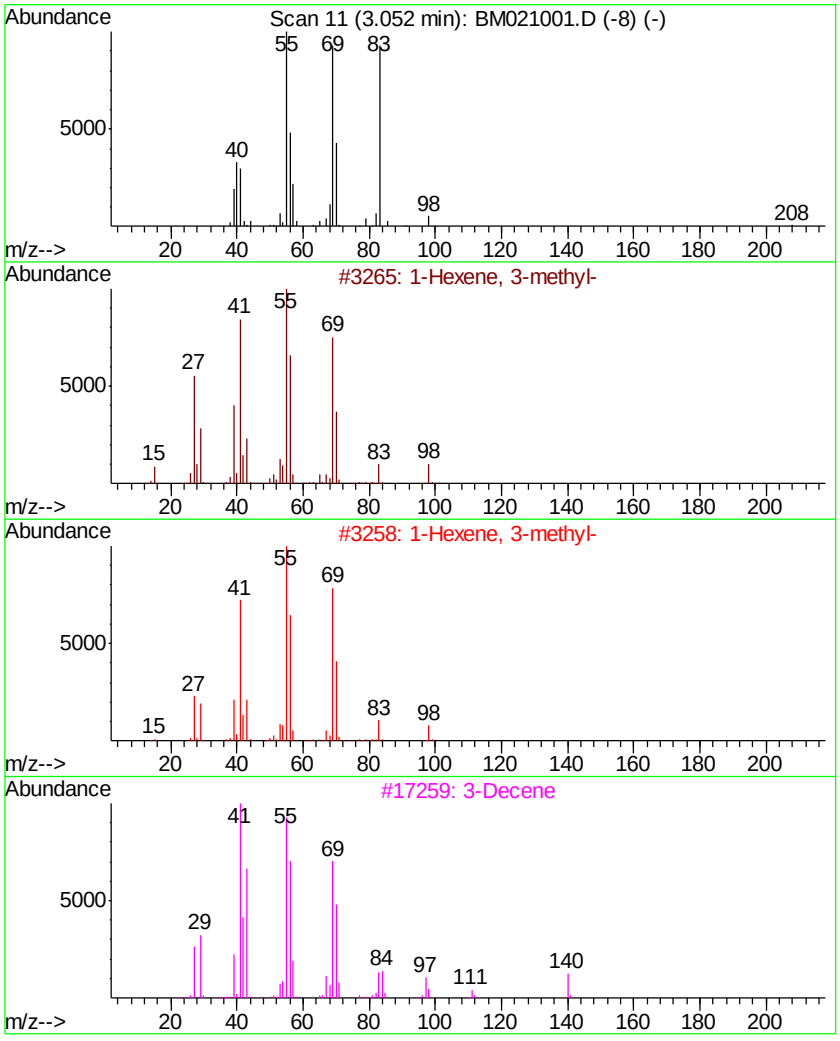
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

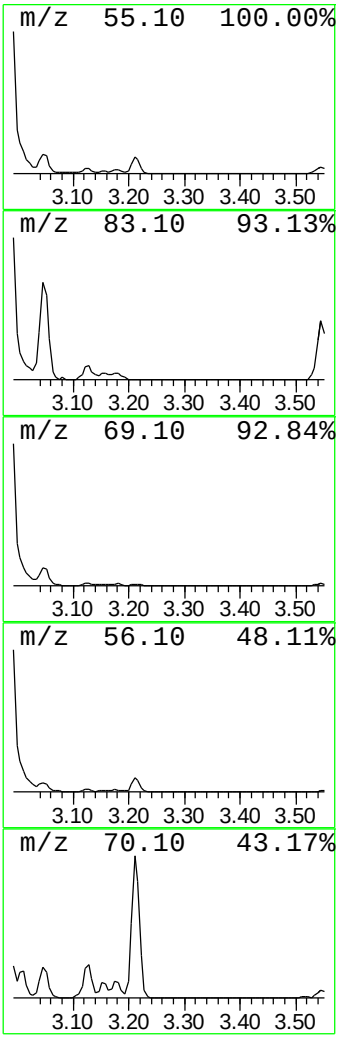
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.05 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	2.10 ng/ul	156221	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	53
2	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	53
3	3-Decene	140	C10H20	019398-37-9	53
4	trans-3-Decene	140	C10H20	019150-21-1	42
5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

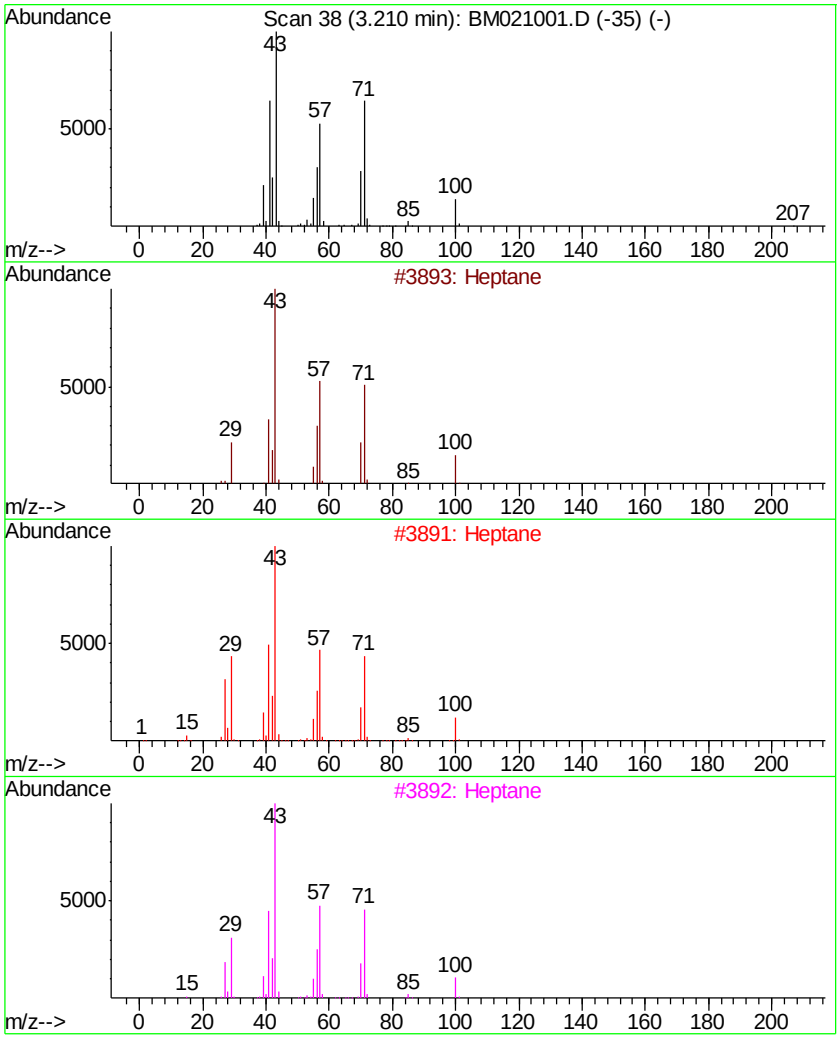
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

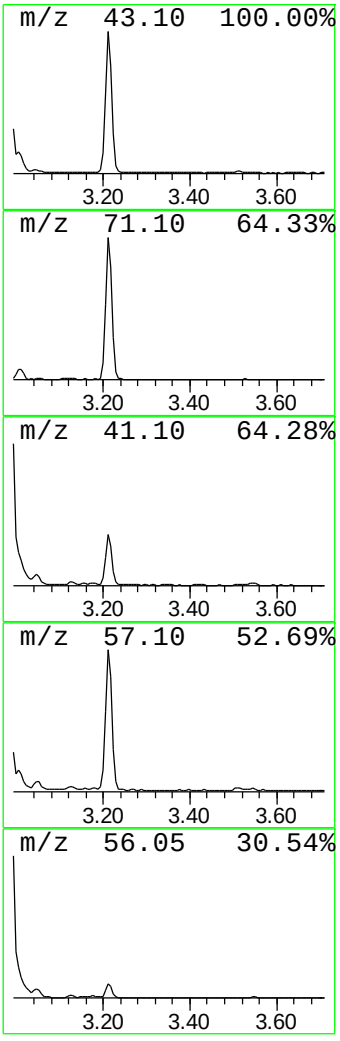
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	6.92 ng/ul	513350	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	90
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	87
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

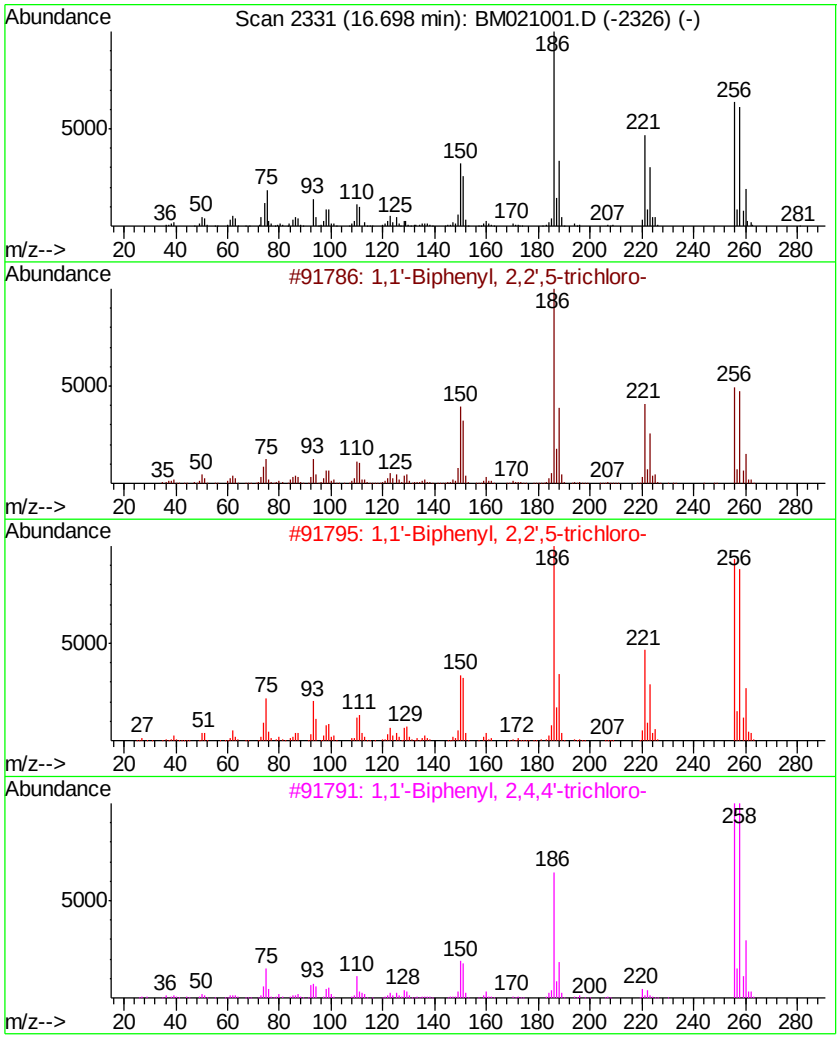
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

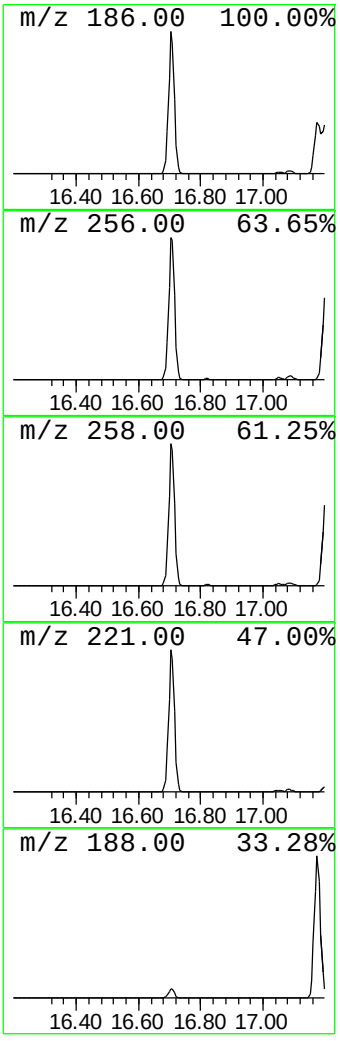
****

Peak Number 3 1,1'-Biphenyl, 2,2',5-trich... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	9.04 ng/ul	2206450	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	99
2	1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	97
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	94
5	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

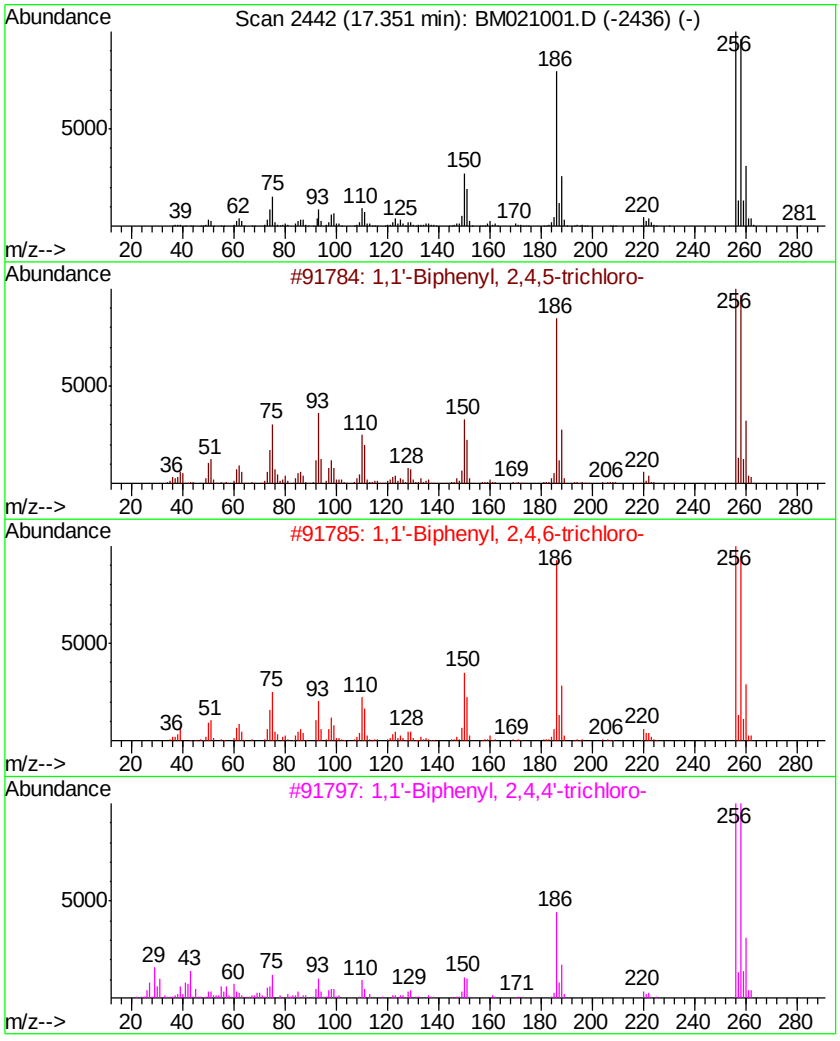
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

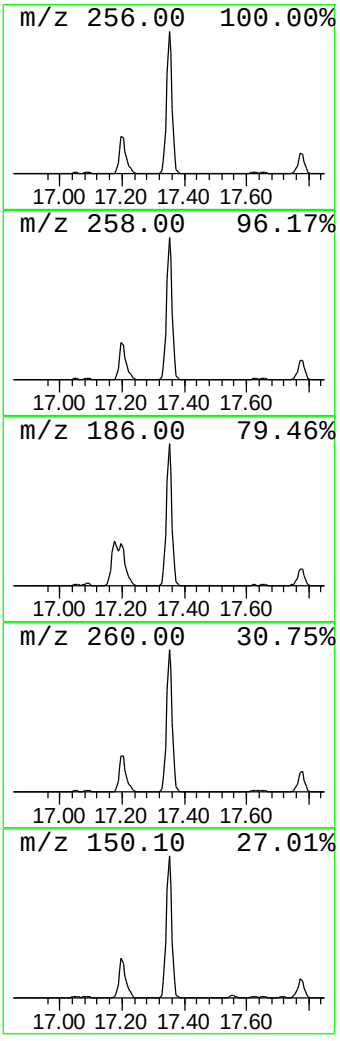
****

Peak Number 4 1,1'-Biphenyl, 2,4,5-trichl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	11.42 ng/ul	2786170	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	99
2	1,1'-Biphenyl, 2,4,6-trichloro-	256	C12H7Cl3	035693-92-6	98
3	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

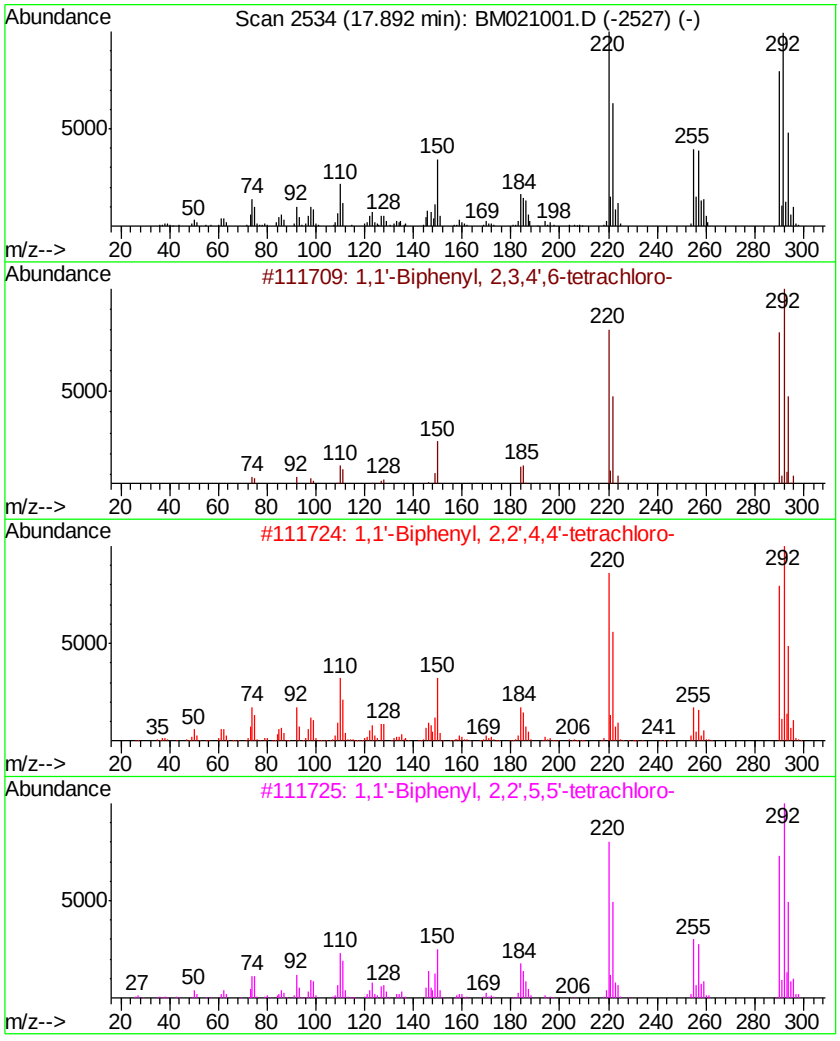
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

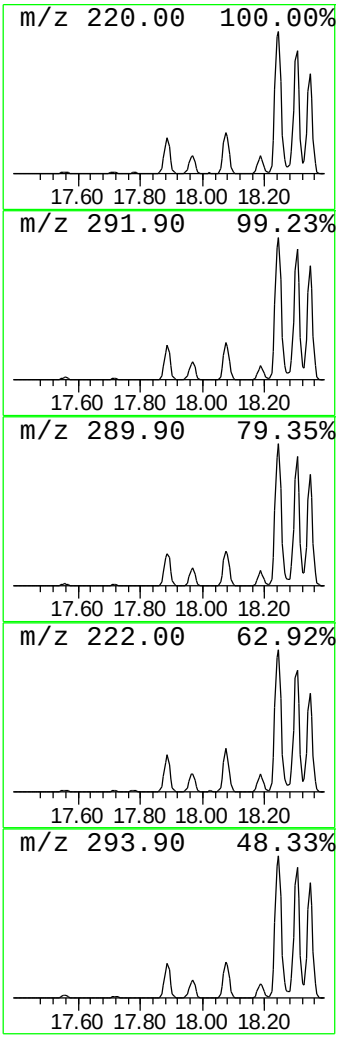
****

Peak Number 5 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.34 ng/ul	1059660	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99





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Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
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ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

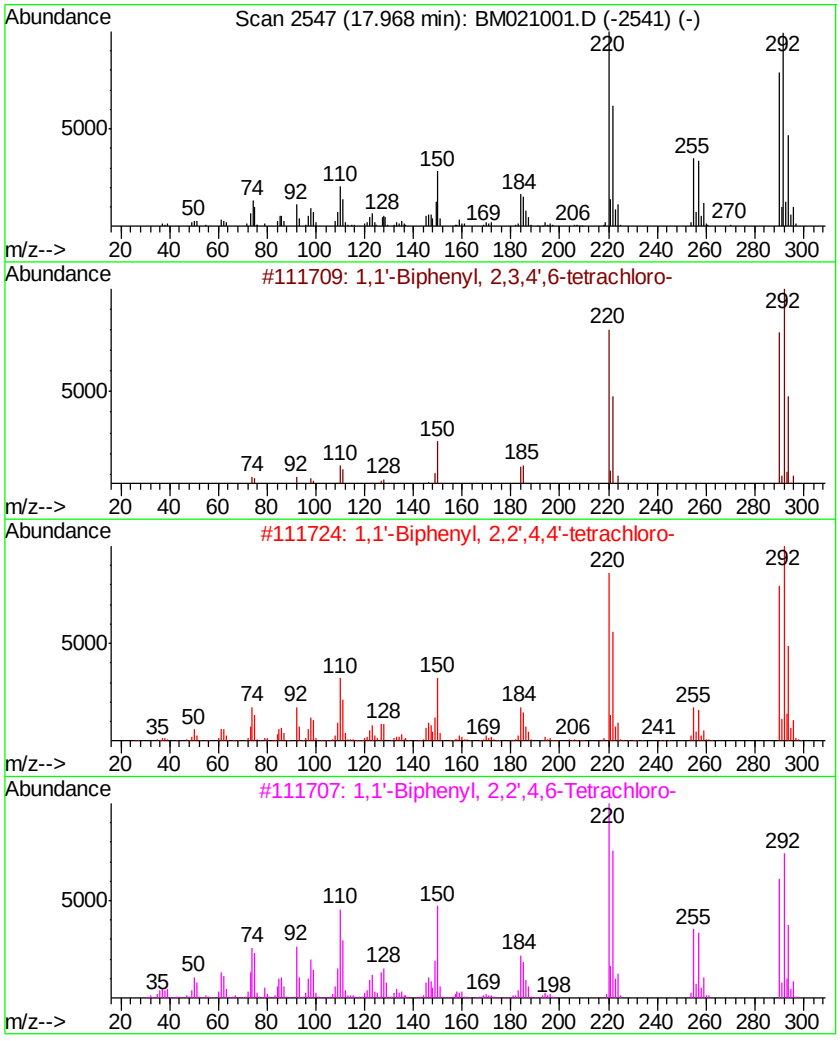
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

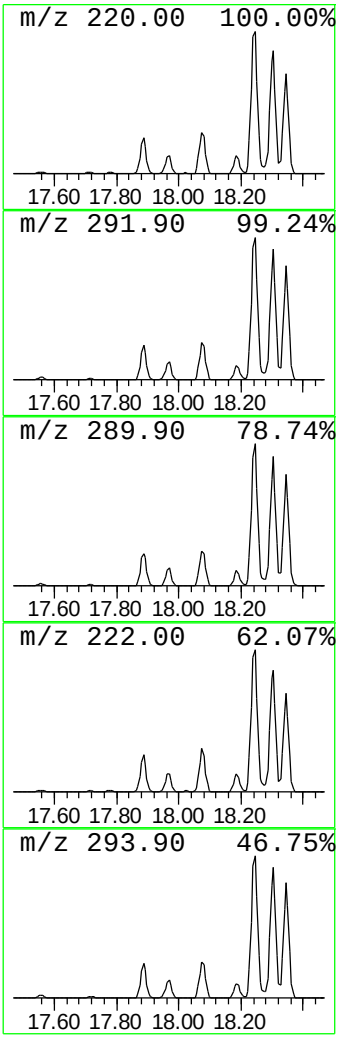
****

Peak Number 6 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.06 ng/ul	502183	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

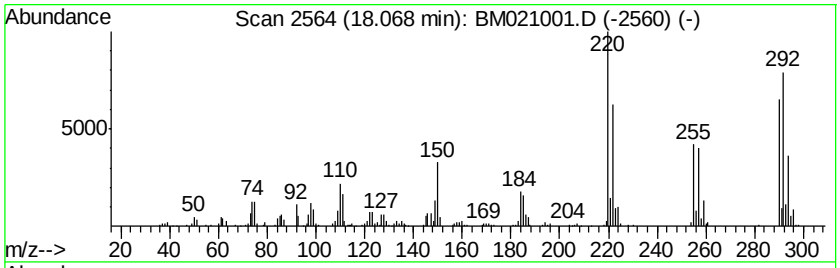
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

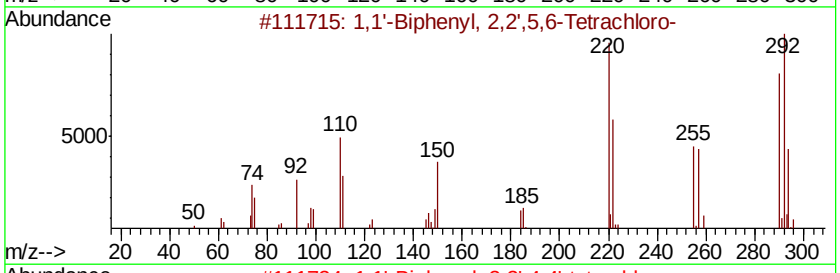
****

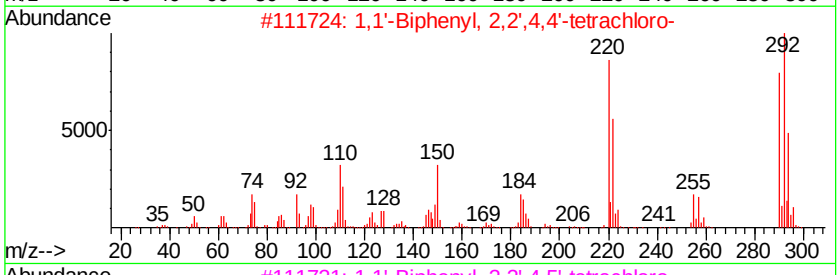
Peak Number 7 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 12

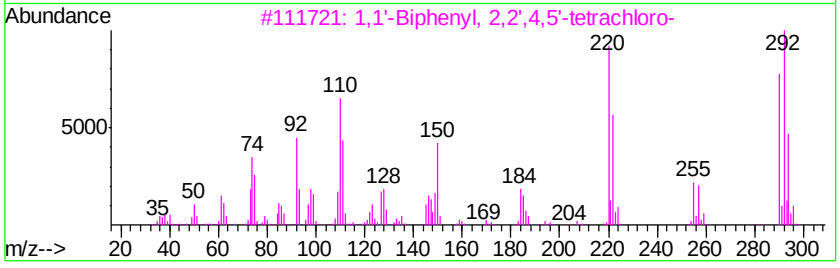
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	4.92 ng/ul	1201000	Phenanthrene-d10	17.17

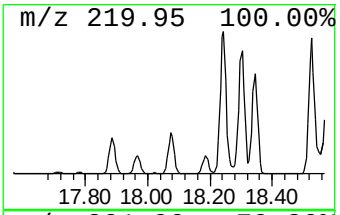
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99

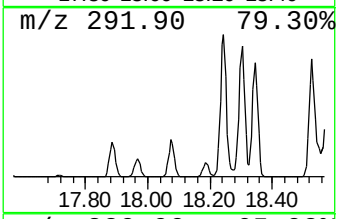


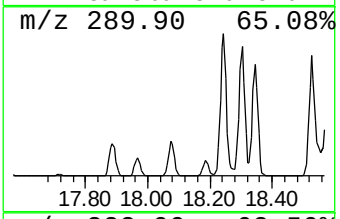


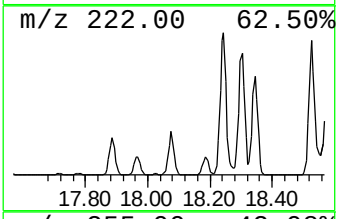


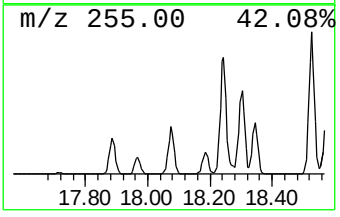












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Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

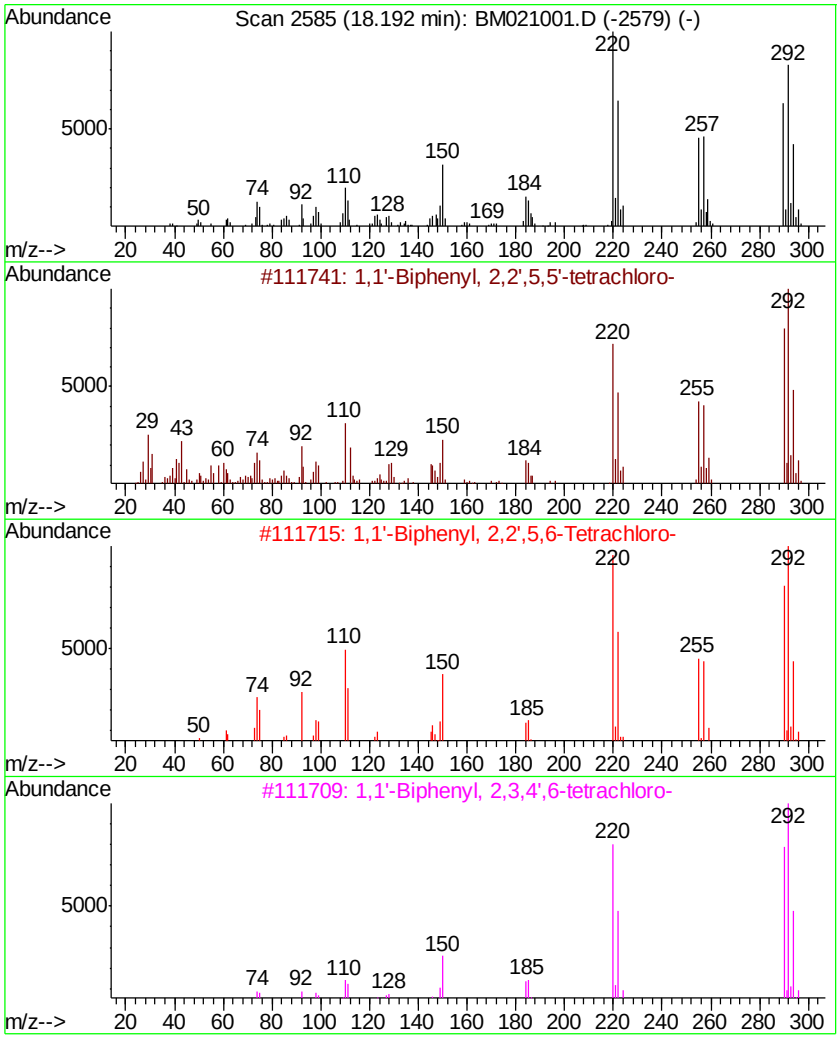
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

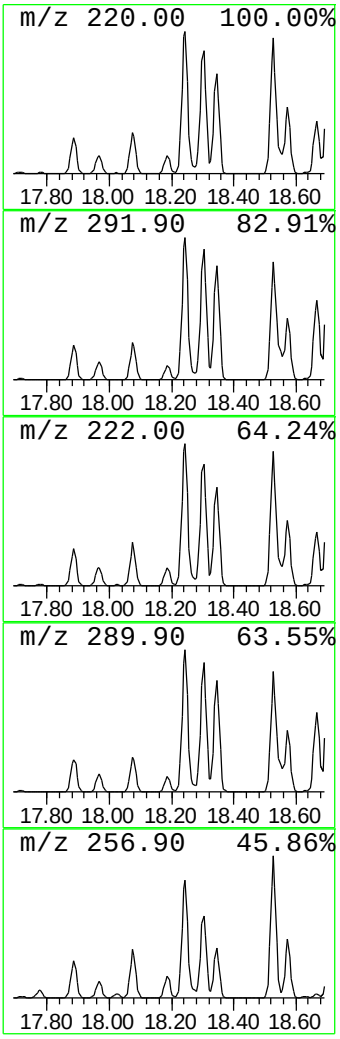
****

Peak Number 8 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	2.07 ng/ul	506184	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

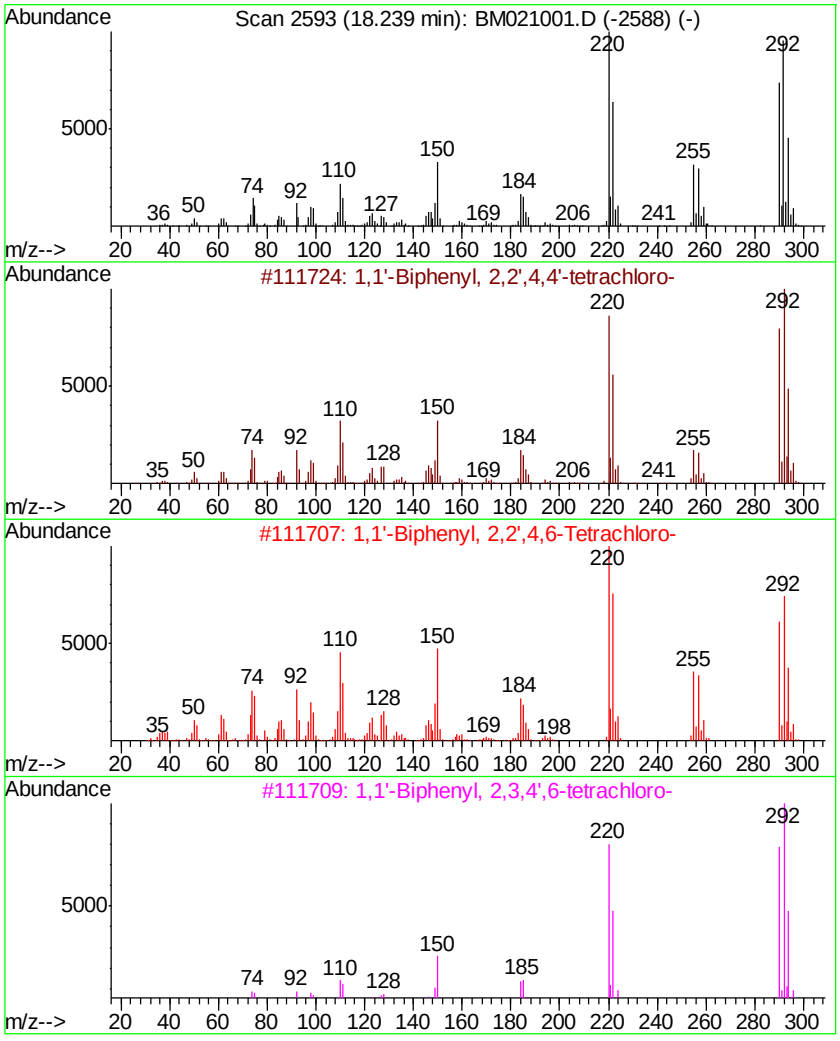
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

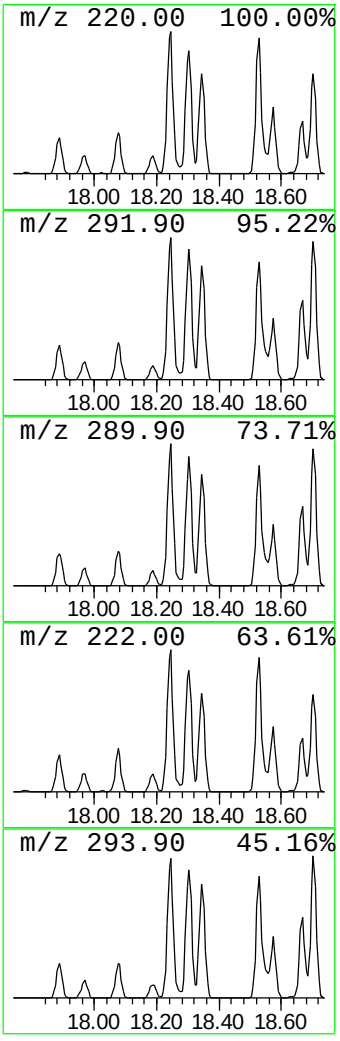
****

Peak Number 9 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	17.04 ng/ul	4157980	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

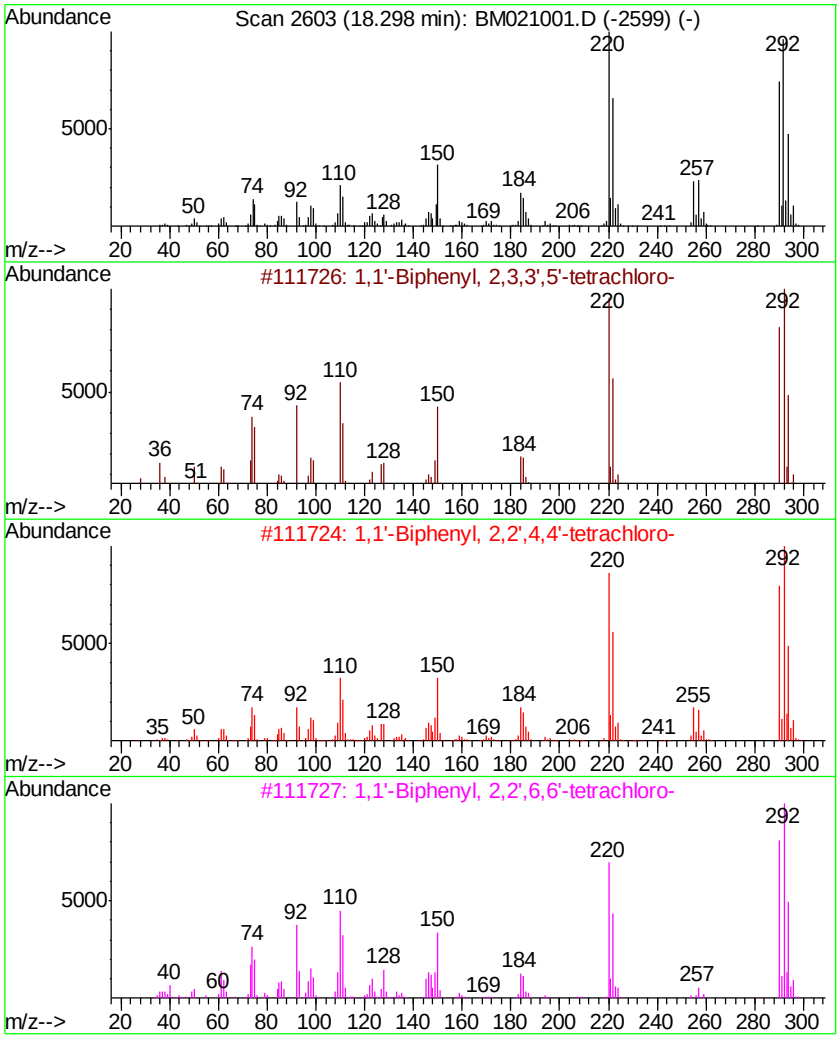
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

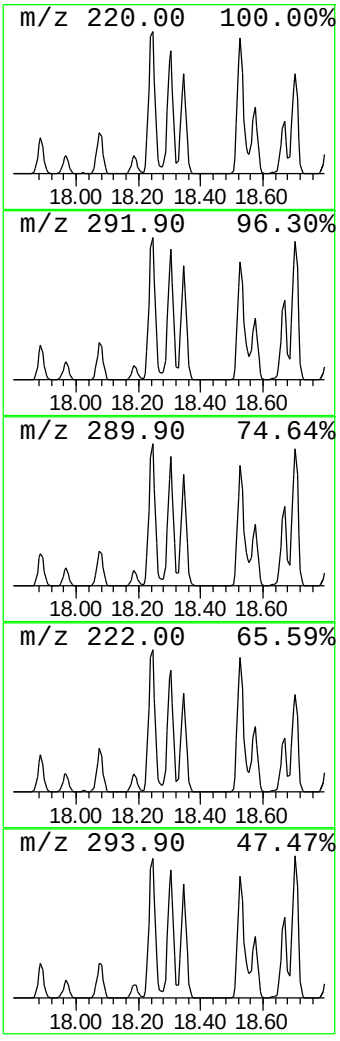
****

Peak Number 10 1,1'-Biphenyl, 2,3,3',5'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	13.80 ng/ul	3366360	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
4	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

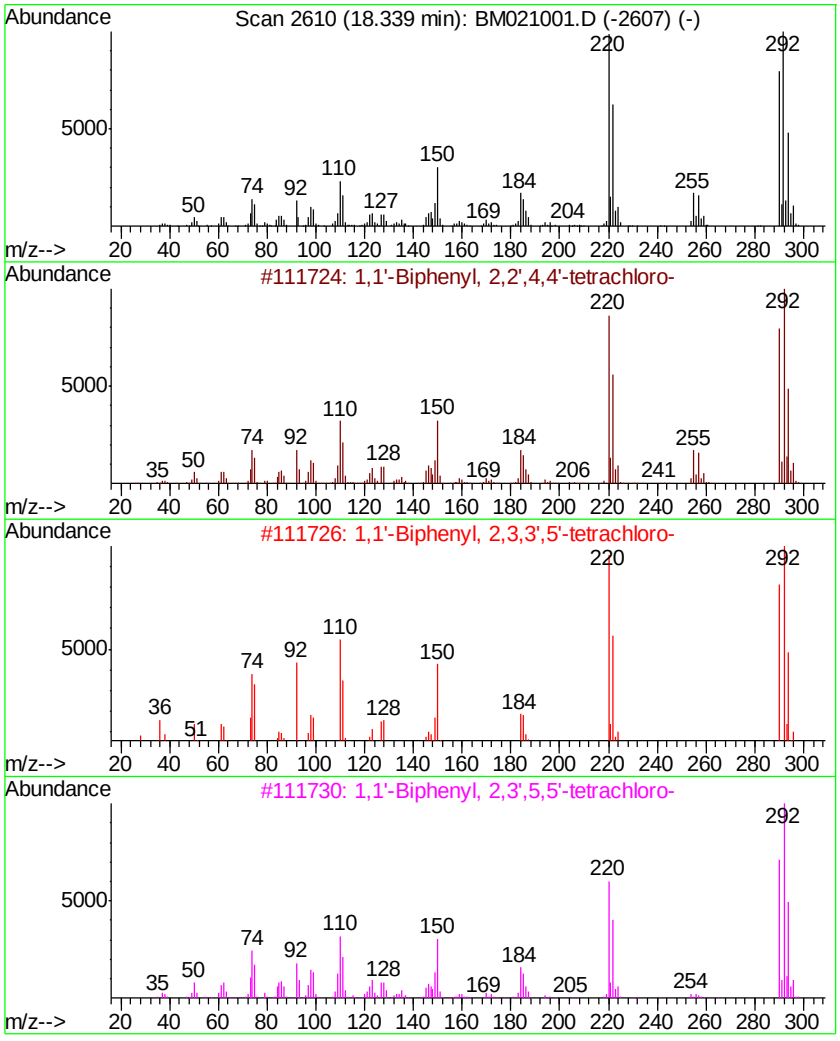
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

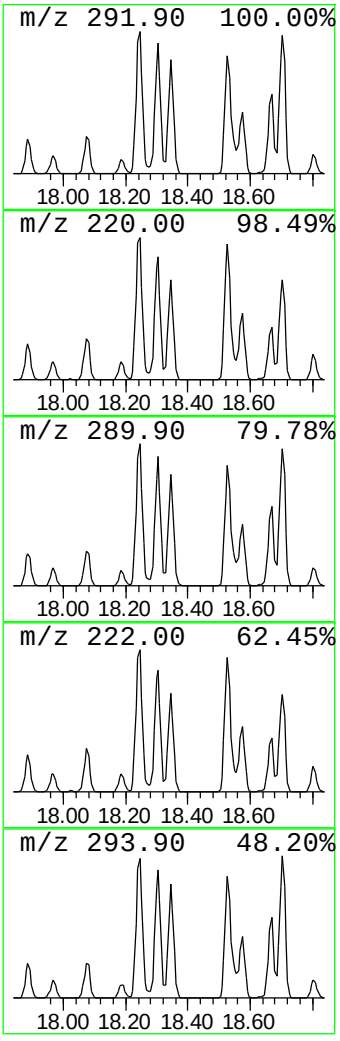
****

Peak Number 11 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	10.83 ng/ul	2643700	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

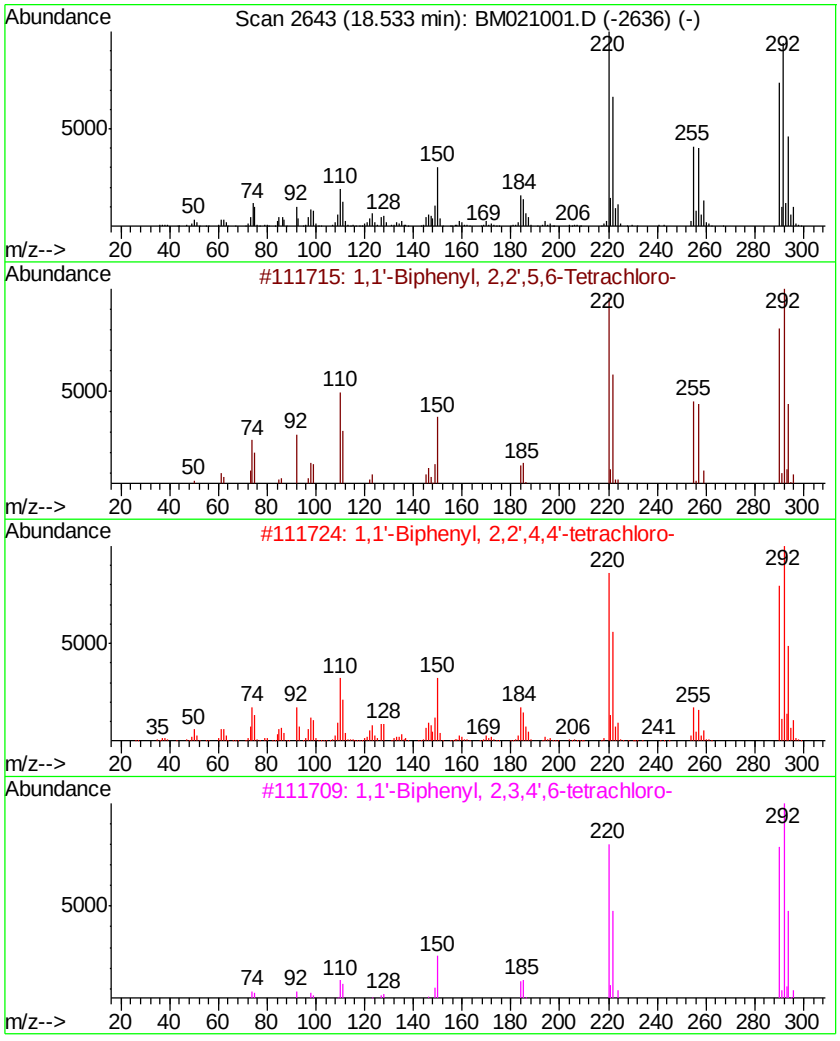
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

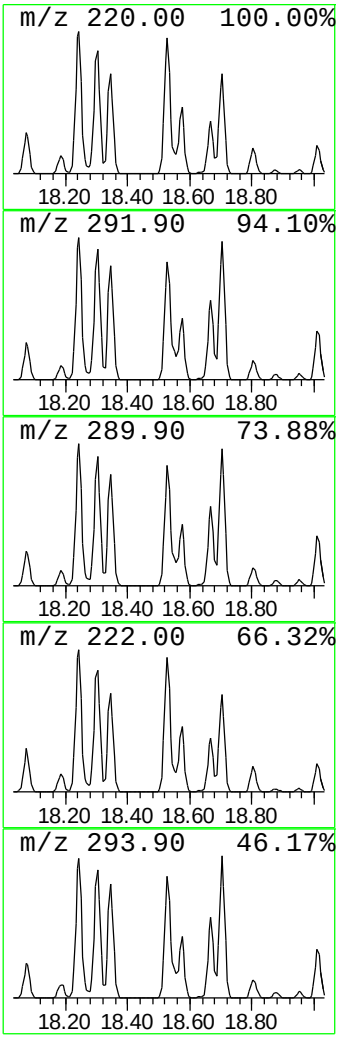
****

Peak Number 12 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	16.45 ng/ul	4014570	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
2	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99





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Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

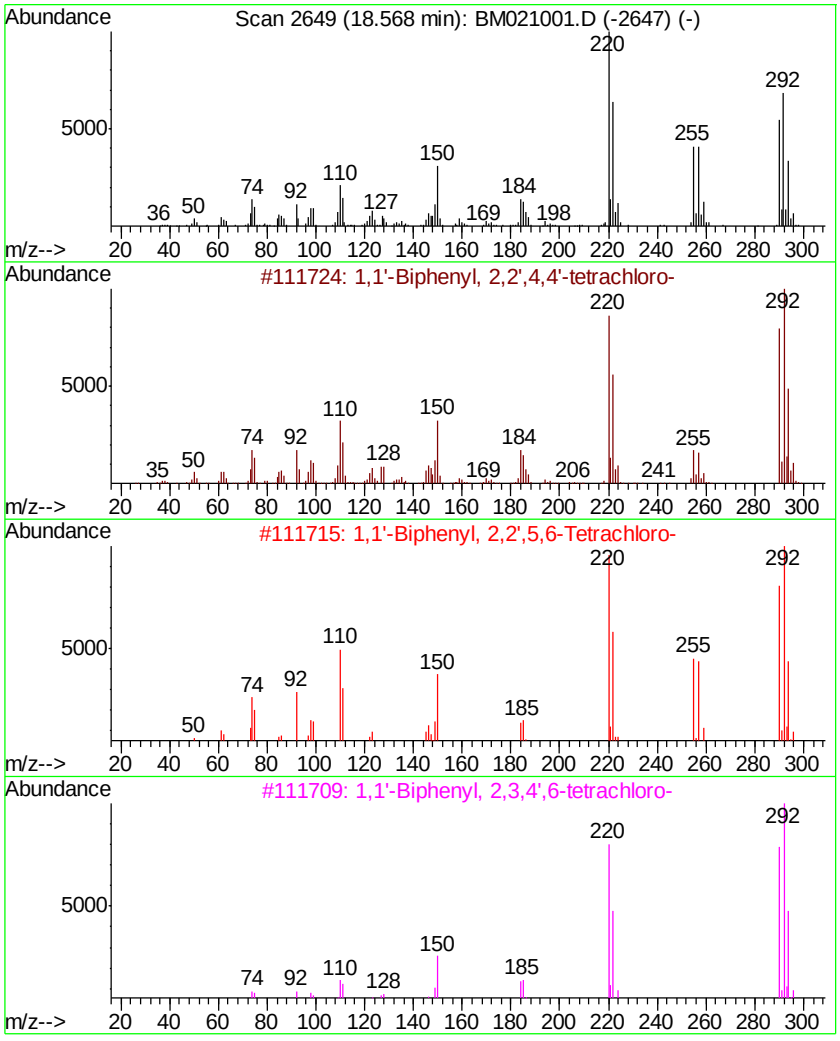
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

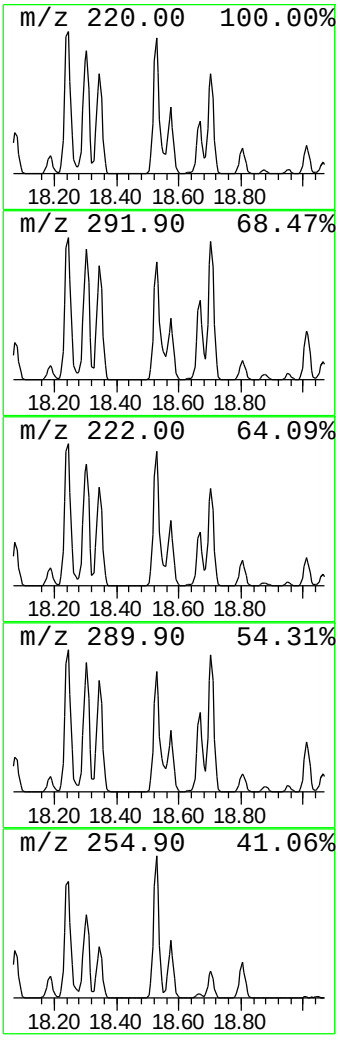
****

Peak Number 13 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	6.68 ng/ul	1629400	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99





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Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

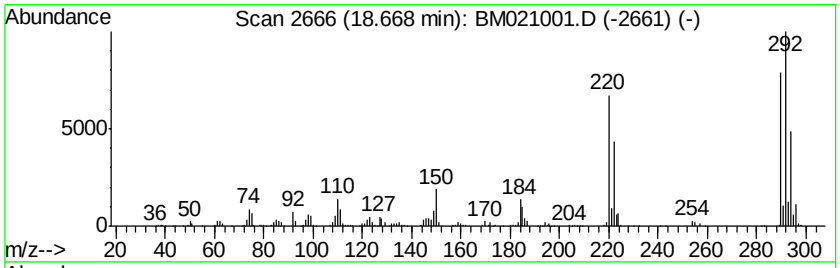
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

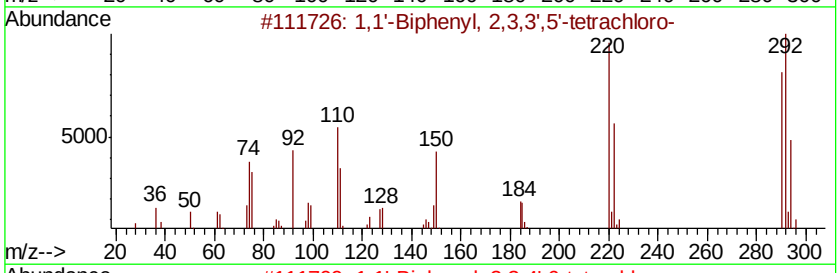
****

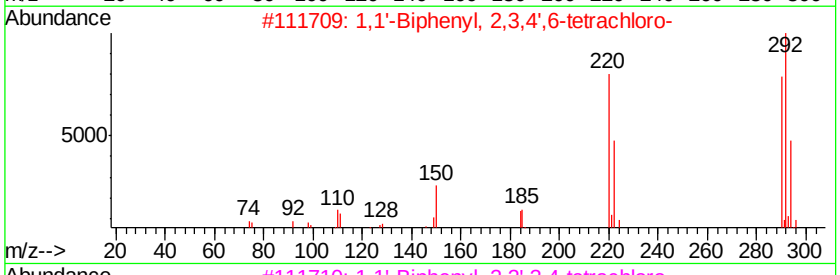
Peak Number 14 1,1'-Biphenyl, 2,2',3,4-tet... Concentration Rank 11

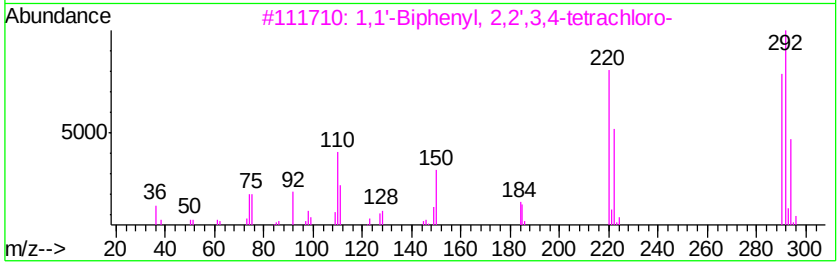
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	6.18 ng/ul	1508480	Phenanthrene-d10	17.17

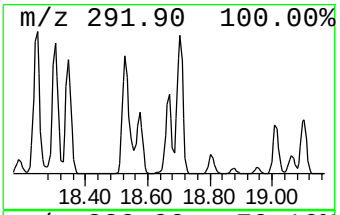
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	98

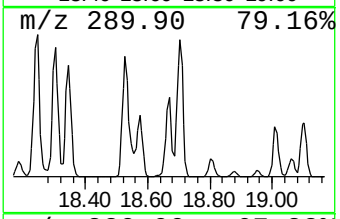


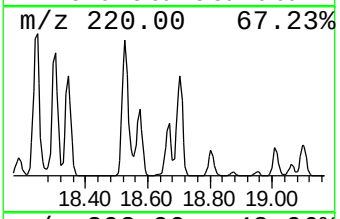


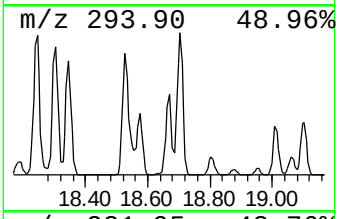


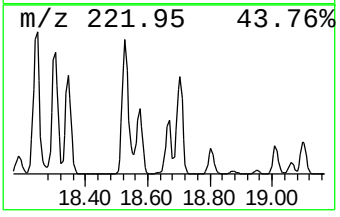












Library Search Compound Report

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Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

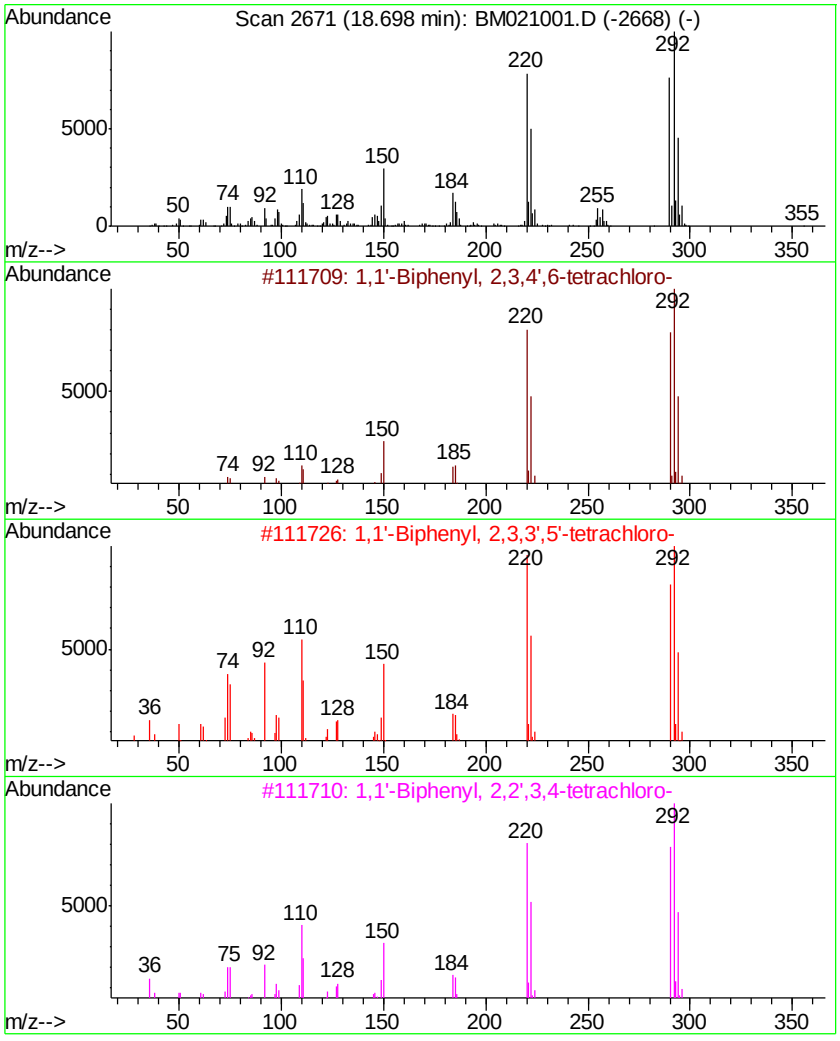
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

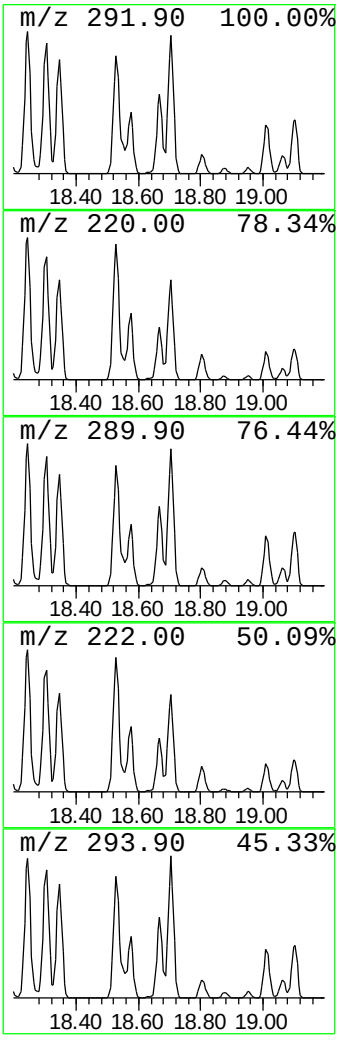
****

Peak Number 15 1,1'-Biphenyl, 3,3',5,5'-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	12.20 ng/ul	2976660	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
3	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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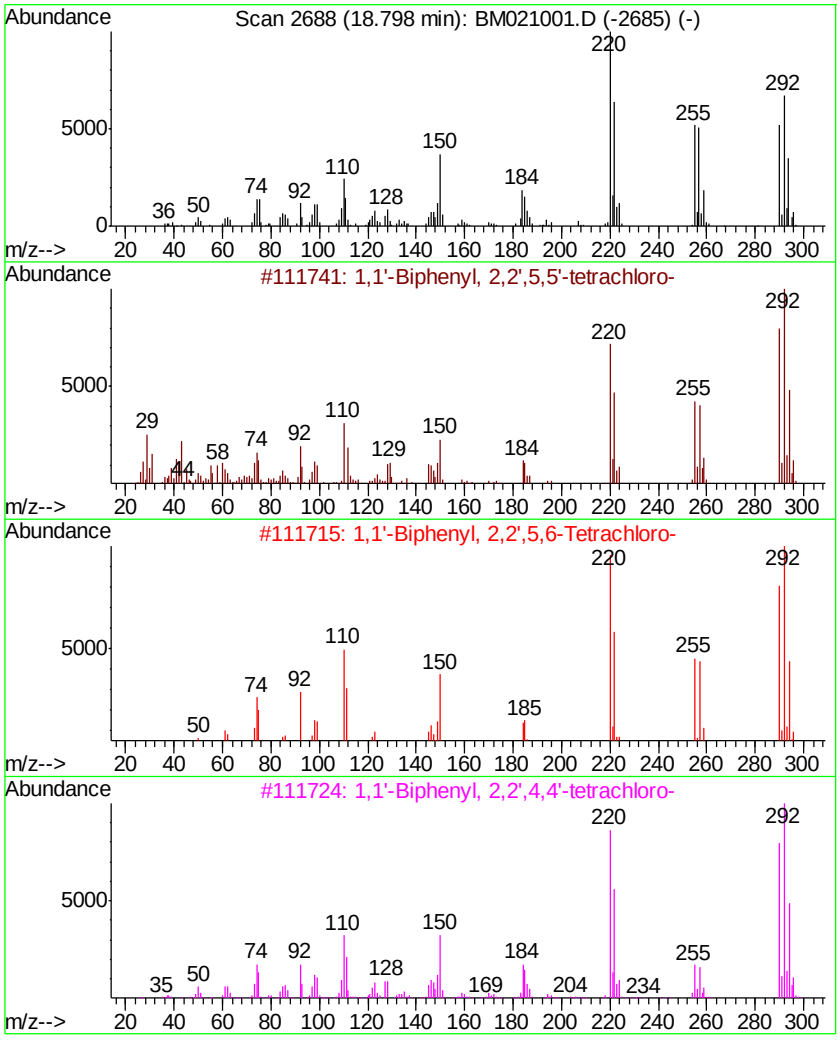
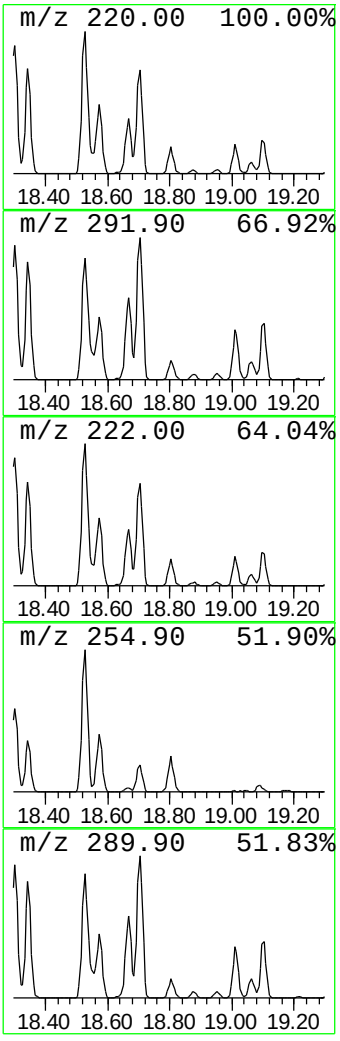
Peak Number 16 1,1'-Biphenyl, 2,2',3,5'-te... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	2.80 ng/ul	684005	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5	1,1'-Biphenyl, 2,2',3,6'-tetrach...	290	C12H6Cl4	041464-47-5	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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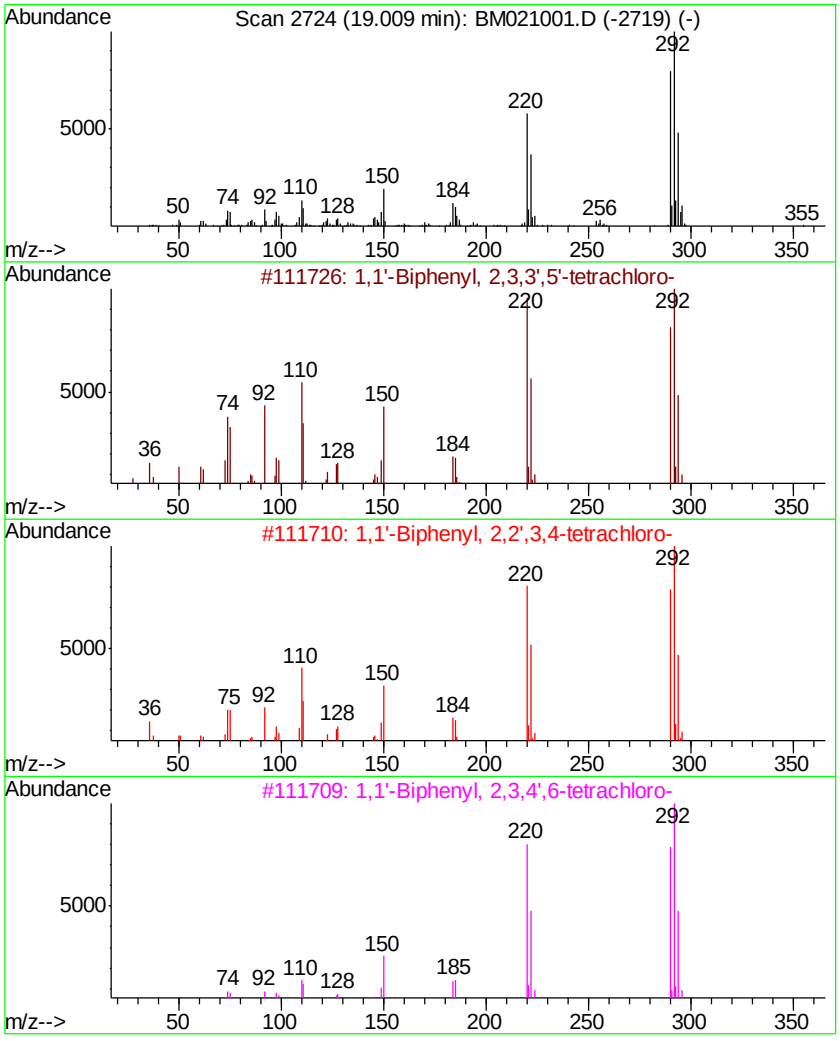
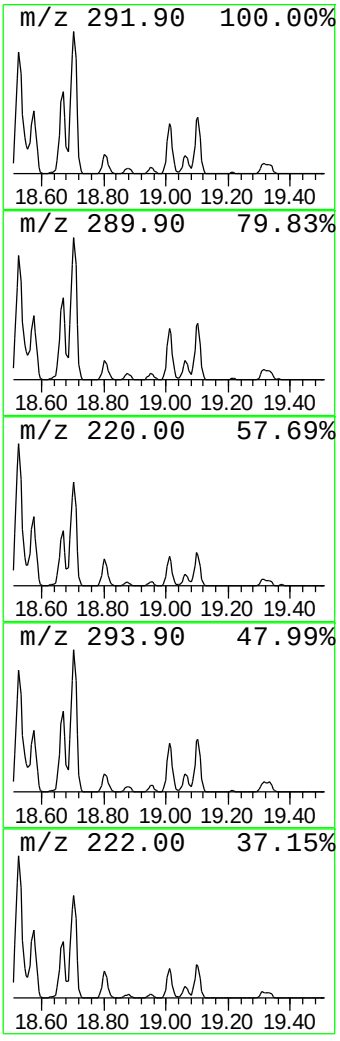
Peak Number 17 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.01	3.81 ng/ul	929271	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
3	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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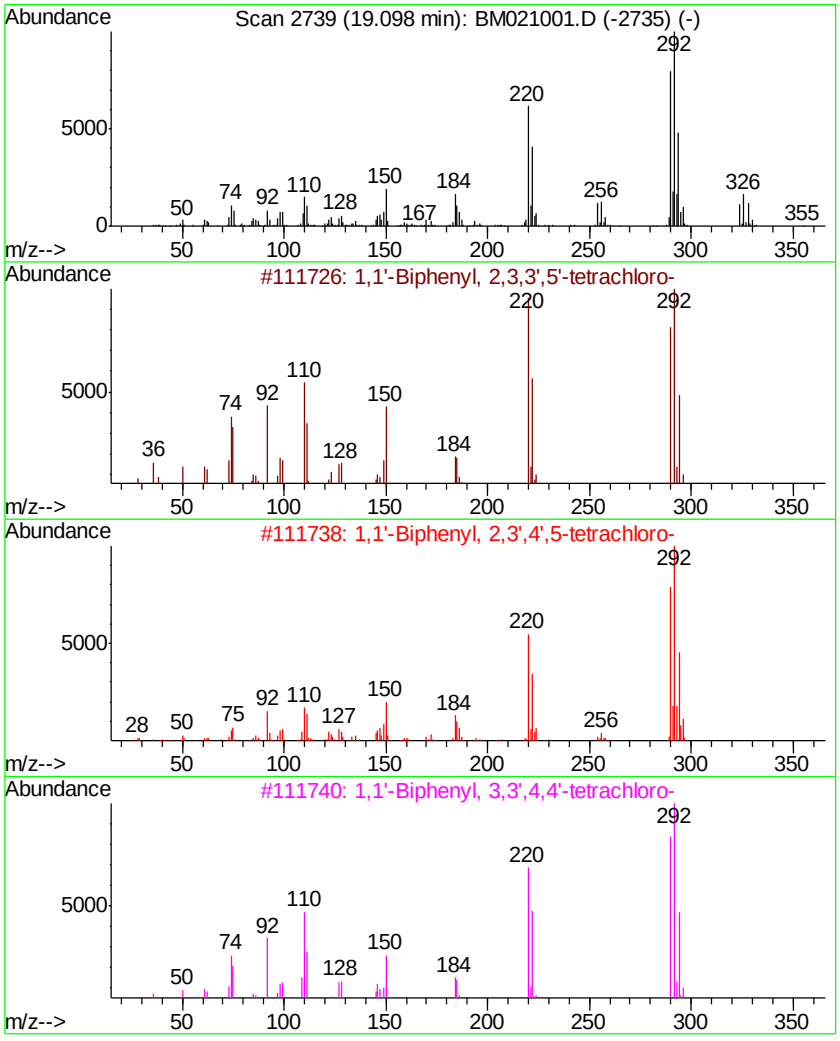
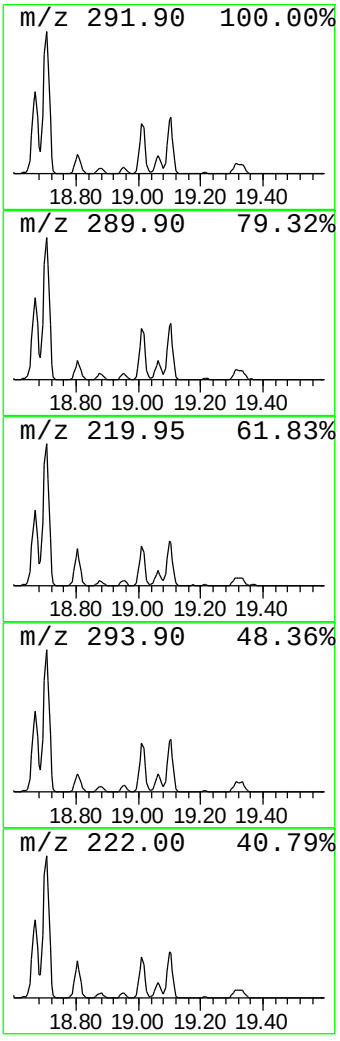
Peak Number 18 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	6.50 ng/ul	1585080	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
3	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
4	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
5	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061719\
Data File : BM021001.D
Acq On : 18 Jun 2019 05:02
Operator : HP/JU
Sample : K3335-07
Misc : GCMS CONFIRMATION
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4234

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
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
(DEL) Alkane: Cyc...	3.05	2.1	ng/ul	156221	1	7.79	1484630	20.0
(DEL) Alkane: Str...	3.21	6.9	ng/ul	513350	1	7.79	1484630	20.0
1,1'-Biphenyl, 2,...	16.70	9.0	ng/ul	2206450	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	17.35	11.4	ng/ul	2786170	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	17.89	4.3	ng/ul	1059660	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	17.97	2.1	ng/ul	502183	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.07	4.9	ng/ul	1201000	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.19	2.1	ng/ul	506184	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.24	17.0	ng/ul	4157980	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.30	13.8	ng/ul	3366360	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.34	10.8	ng/ul	2643700	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.53	16.4	ng/ul	4014570	4	17.17	4880090	20.0
unknown-01	18.57	6.7	ng/ul	1629400	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.67	6.2	ng/ul	1508480	4	17.17	4880090	20.0
1,1'-Biphenyl, 3,...	18.70	12.2	ng/ul	2976660	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	18.80	2.8	ng/ul	684005	4	17.17	4880090	20.0
unknown-02	19.01	3.8	ng/ul	929271	4	17.17	4880090	20.0
1,1'-Biphenyl, 2,...	19.10	6.5	ng/ul	1585080	4	17.17	4880090	20.0