LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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	15	rVB2	87810	106585	2.59%	0.408%
2	3.216	35	39	43	rVB	261656	276986	6.72%	1.059%
3	7.792	810	817	830	rVB	1026226	1603381	38.91%	6.133%
4	10.581	1283	1291	1304	rBV	1249541	2120020	51.45%	8.109%
5	14.433	1939	1946	1960	rBV2	1947174	2970896	72.10%	11.363%
6	14.563	1962	1968	1974	rVB4	5562	8808	0.21%	0.034%
7	15.433	2112	2116	2119	rBV3	5749	6935	0.17%	0.027%
8	15.692	2153	2160	2164	rBV	24022	32361	0.79%	0.124%
9	16.127	2231	2234	2240	rVB3	3825	6056	0.15%	0.023%
10	16.298	2260	2263	2267	rVB2	9462	10701	0.26%	0.041%
11	16.410	2278	2282	2290	rVB	64136	85866	2.08%	0.328%
12	16.710	2330	2333	2337	rVB4	11944	15046	0.37%	0.058%
13	16.968	2373	2377	2382	rVB2	8069	11228	0.27%	0.043%
14	17.057	2387	2392	2395	rBV	261705	347341	8.43%	1.329%
15	17.092	2395	2398	2404	rVB	71320	87177	2.12%	0.333%
16	17.180	2406	2413	2423	rBV	2839636	4106701	99.66%	15.708%
17	17.286	2426	2431	2436	rBV4	5467	9285	0.23%	0.036%
18	17.351	2436	2442	2447	rBV2	121129	169482	4.11%	0.648%
19	17.627	2486	2489	2493	rBV	24453	31899	0.77%	0.122%
20	17.768	2507	2513	2520	rBV	368135	701448	17.02%	2.683%
21	17.904	2530	2536	2542	rBV2	171783	285581	6.93%	1.092%
22	17.968	2544	2547	2552	rVB3	14606	17759	0.43%	0.068%
23	18.027	2552	2557	2562	rBV	79544	105991	2.57%	0.405%
24	18.080	2562	2566	2571	rVV2	69280	84030	2.04%	0.321%
25	18.186	2578	2584	2588	rBV5	24617	35389	0.86%	0.135%
26	18.245	2589	2594	2600	rVV	429042	563507	13.68%	2.155%
27	18.304	2600	2604	2608	rVV	251633	322629	7.83%	1.234%
28	18.345	2608	2611	2617	rVB	180099	231542	5.62%	0.886%
29	18.527	2638	2642	2647	rBV	342601	480300	11.66%	1.837%
30	18.580	2647	2651	2656	rVV	97223	129637	3.15%	0.496%
31	18.633	2656	2660	2663	rVV	40197	54257	1.32%	0.208%
32	18.668	2663	2666	2669	rVV	98519	125773	3.05%	0.481%
33	18.704	2669	2672	2678	rVB	219544	288846	7.01%	1.105%
34	18.809	2686	2690	2698	rBV2	64466	84124	2.04%	0.322%

LSC Area Percent Report

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Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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	18.951	2712	2714	2719	rVB4	11849	14517	0.35%	0.056%
36	19.015	2720	2725	2729	rVV	181361	227703	5.53%	0.871%
37	19.062	2729	2733	2736	rVV	409050	563443	13.67%	2.155%
38	19.104	2736	2740	2746	rVB2	370645	552852	13.42%	2.115%
39	19.174	2749	2752	2756	rBV2	34481	40129	0.97%	0.153%
40	19.315	2769	2776	2782	rBV	177994	371008	9.00%	1.419%
41	19.374	2782	2786	2792	rVV	198166	261779	6.35%	1.001%
42	19.439	2793	2797	2803	rVB	79891	98946	2.40%	0.378%
43	19.562	2816	2818	2822	rBV4	13541	15923	0.39%	0.061%
44	19.633	2827	2830	2836	rVV3	61574	82568	2.00%	0.316%
45	19.715	2840	2844	2848	rVB2	79179	101363	2.46%	0.388%
46	19.762	2849	2852	2856	rVB	46120	52917	1.28%	0.202%
47	19.821	2858	2862	2867	rVV	158279	192678	4.68%	0.737%
48	19.868	2867	2870	2874	rBV2	22227	26273	0.64%	0.100%
49	19.962	2883	2886	2890	rBV5	37515	44907	1.09%	0.172%
50	20.133	2911	2915	2919	rVB	116287	133899	3.25%	0.512%
51	20.439	2964	2967	2971	rBV2	76538	90055	2.19%	0.344%
52	21.356	3118	3123	3130	rBV	3245115	4120552	100.00%	15.761%
53	23.627	3503	3509	3522	rVB2	1825776	3635146	88.22%	13.904%

Sum of corrected areas: 26144225

LSC Report - Integrated Chromatogram

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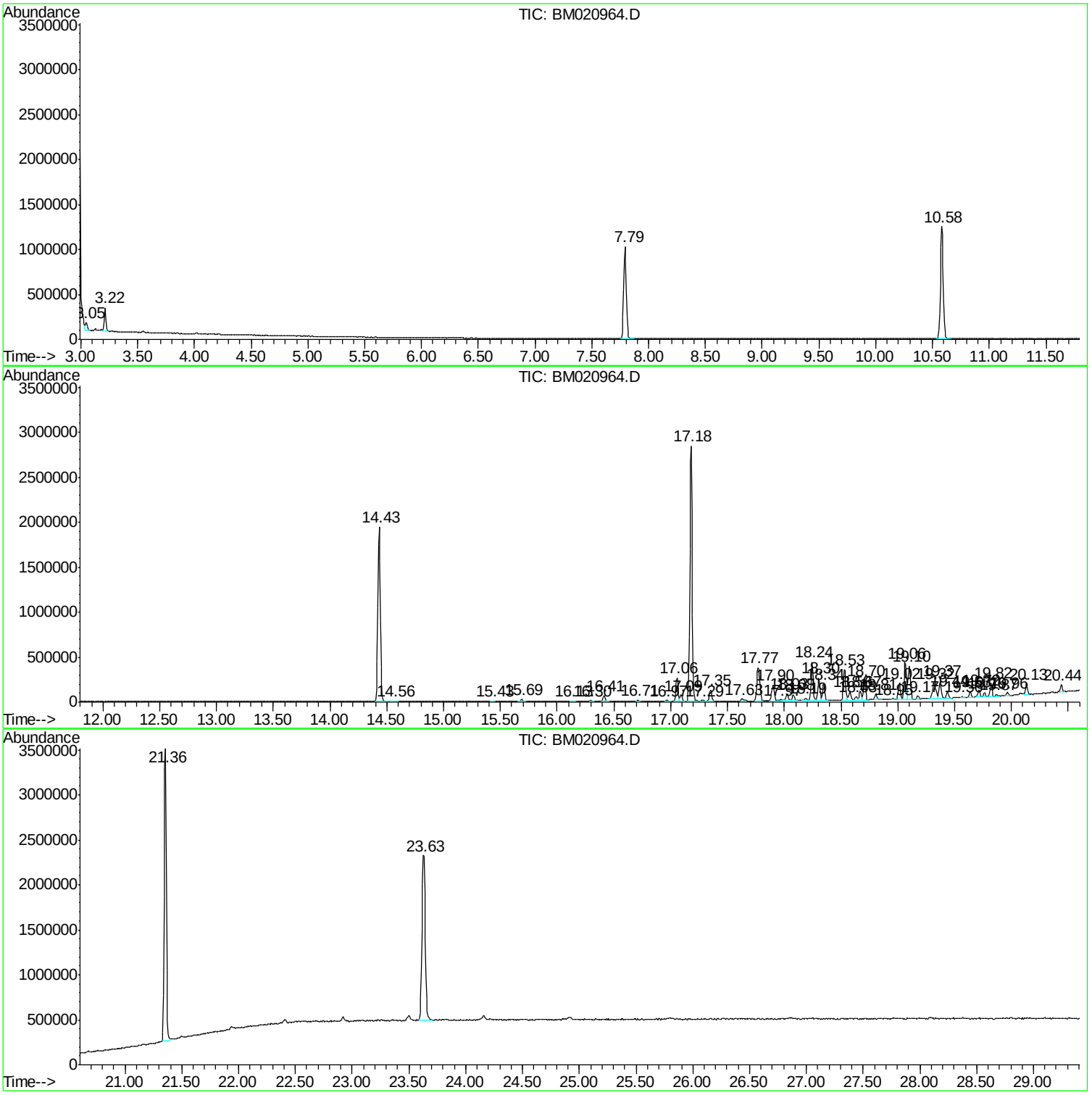
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
APRI1248-50PPM

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

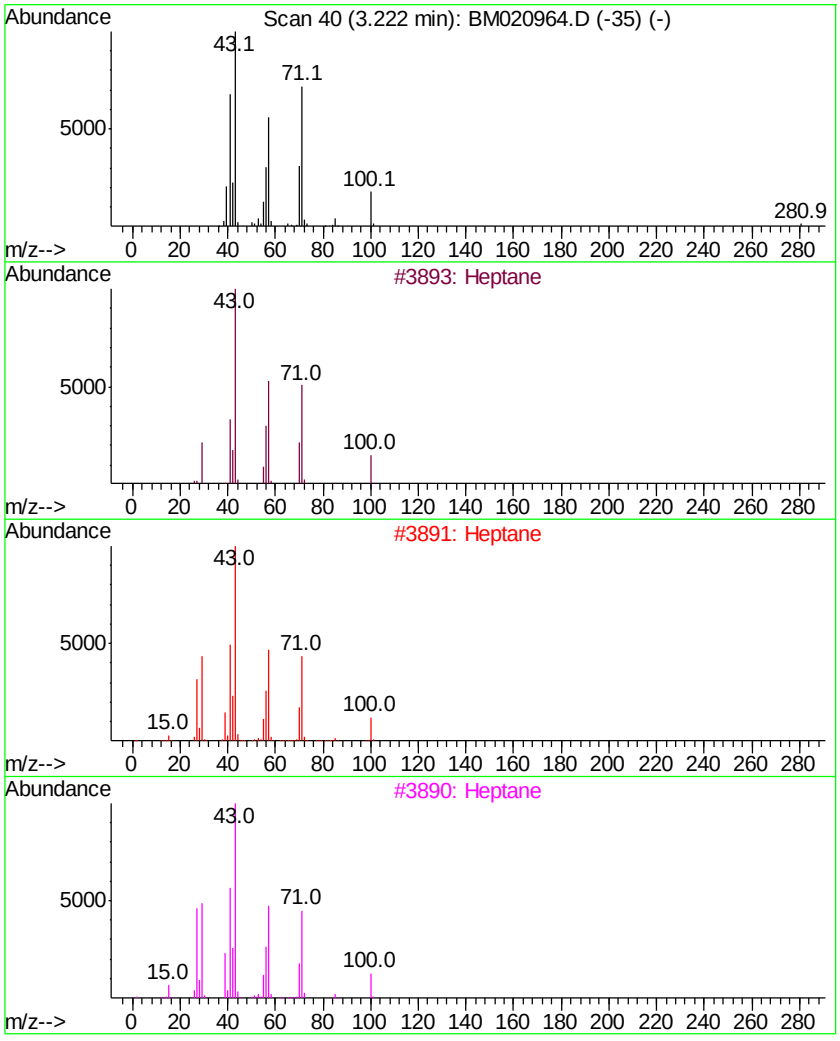
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

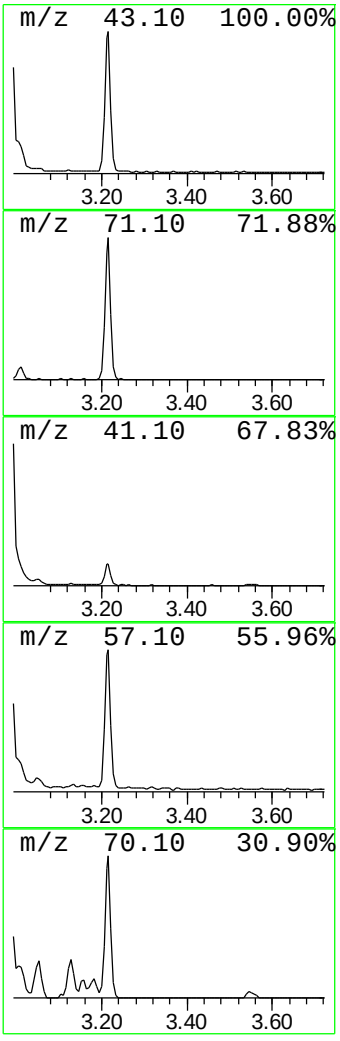
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	3.46 ng/ul	276986	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	87
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	68
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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

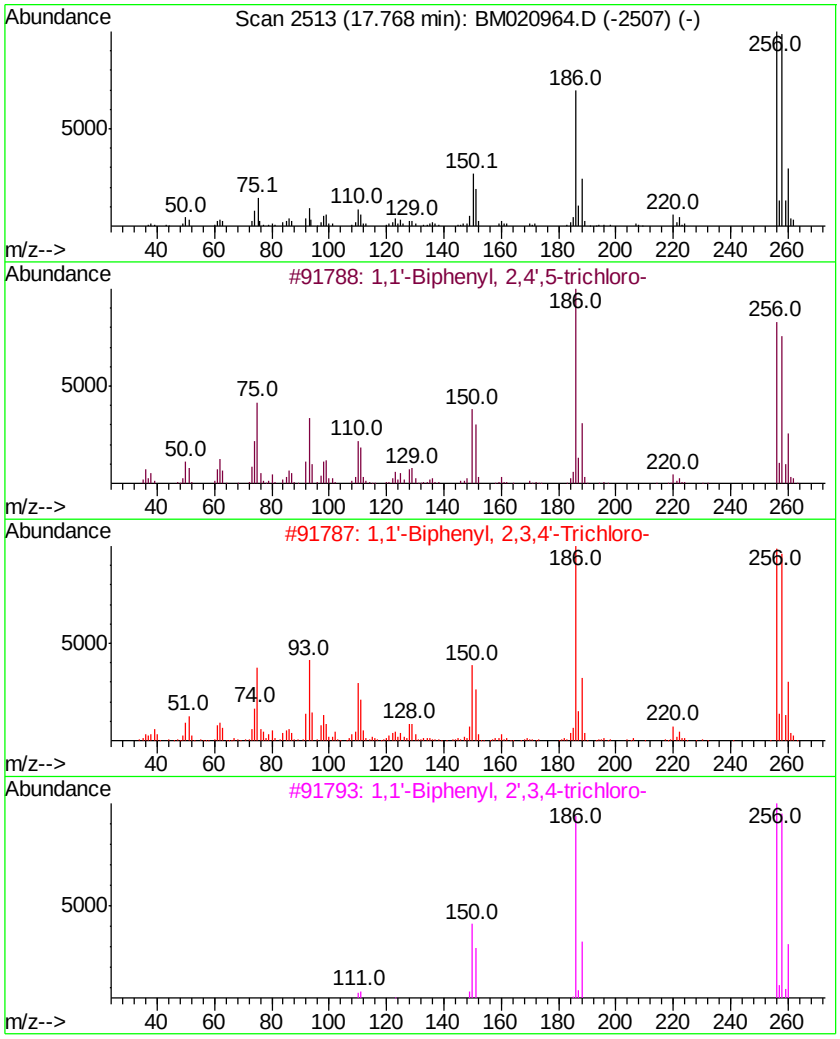
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

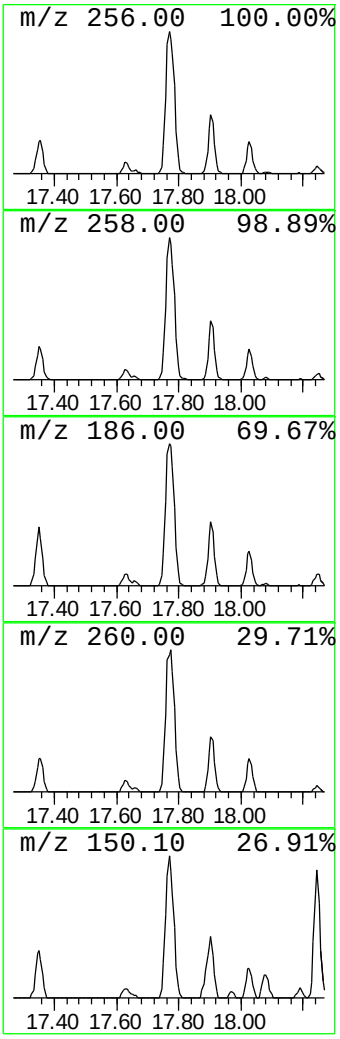
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.77	3.42 ng/ul	701448	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	99
2	1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	98
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	97
4	1,1'-Biphenyl, 2,4,5-trichloro-	256	C12H7Cl3	015862-07-4	97
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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

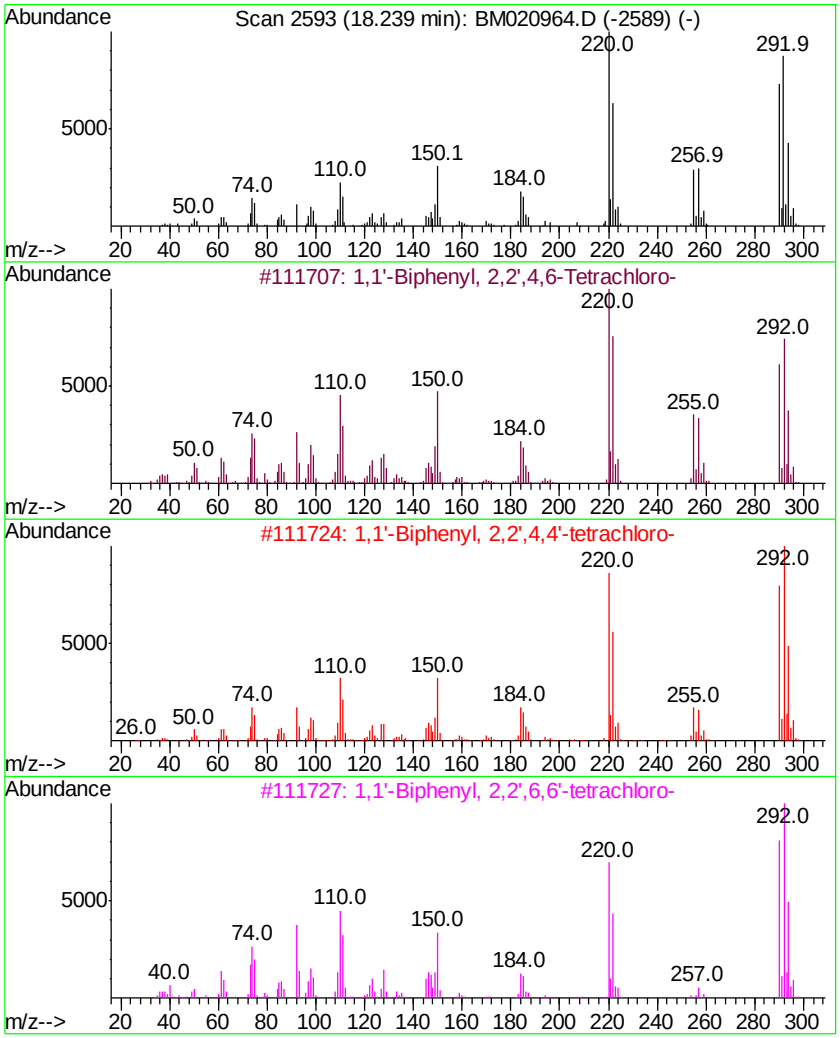
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

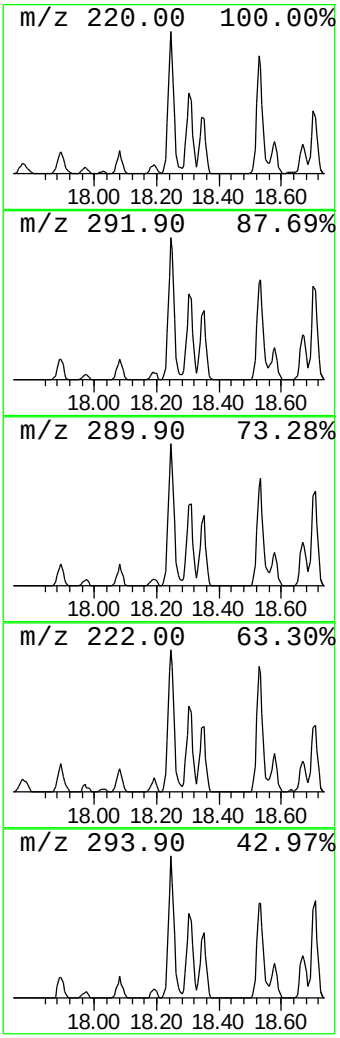
****

Peak Number 3 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.74 ng/ul	563507	Phenanthrene-d10	17.18

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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061419\
Data File : BM020964.D
Acq On : 15 Jun 2019 04:26
Operator : HP/JU
Sample : APRI1248-50PPM
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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

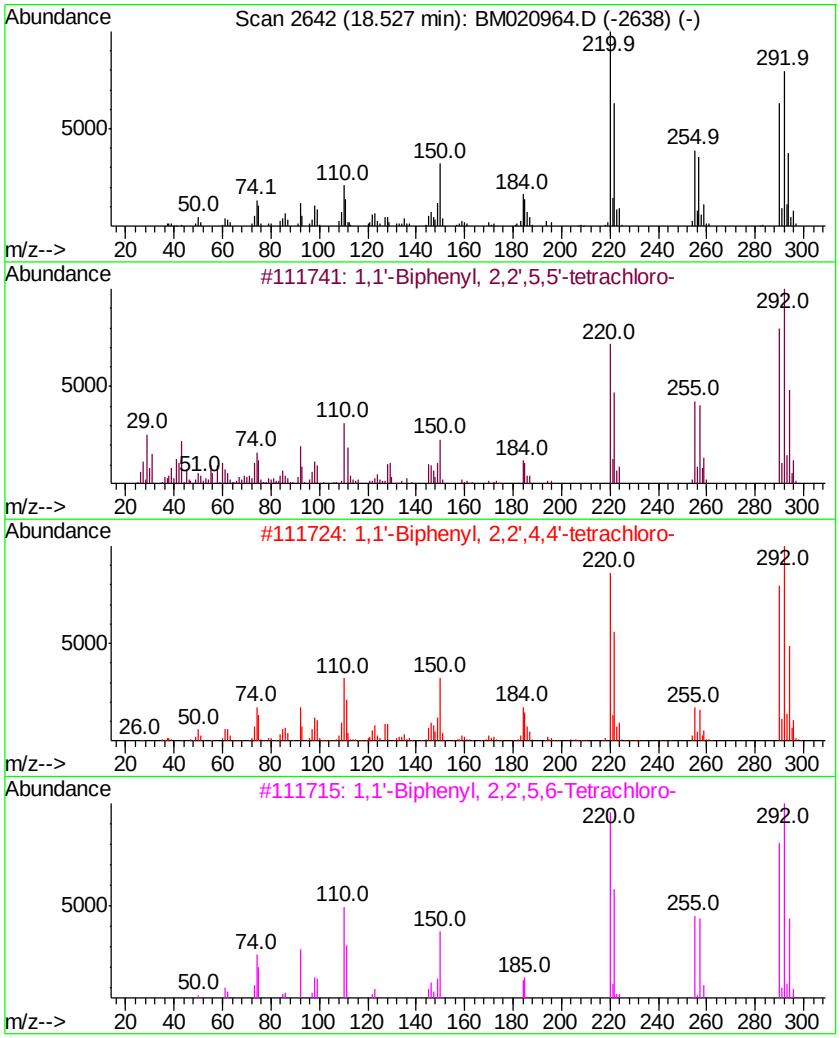
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

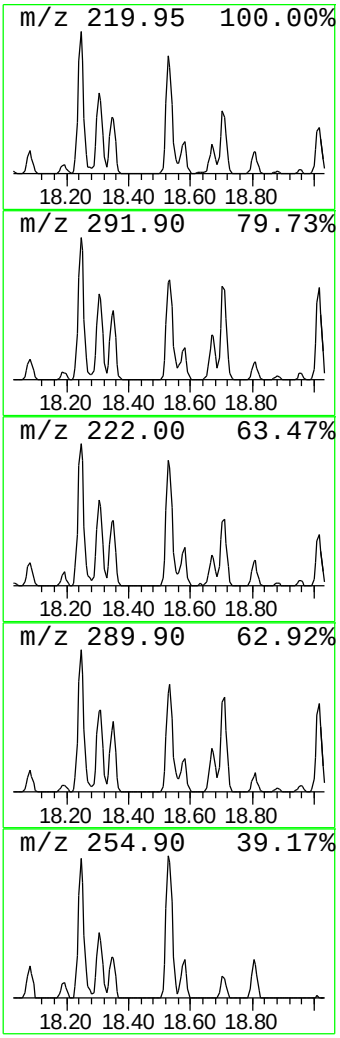
****

Peak Number 4 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.34 ng/ul	480300	Phenanthrene-d10	17.18

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',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99





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Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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Quant Title : SVOA CALIBRATION

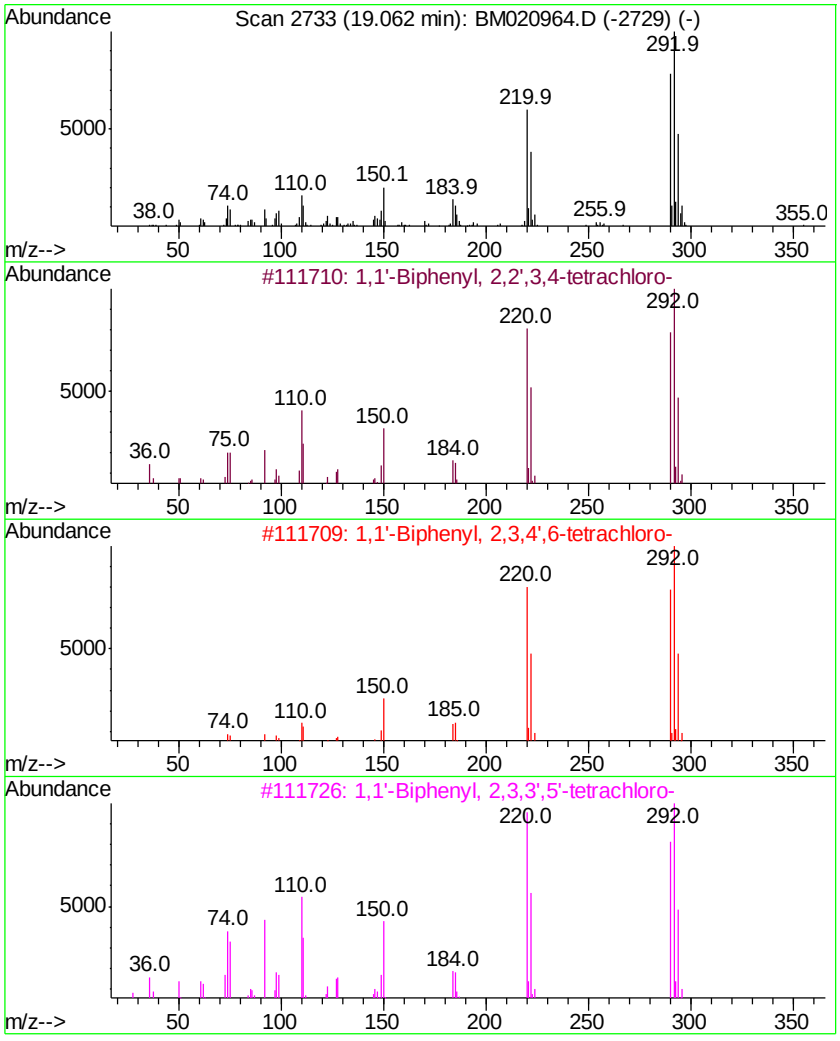
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

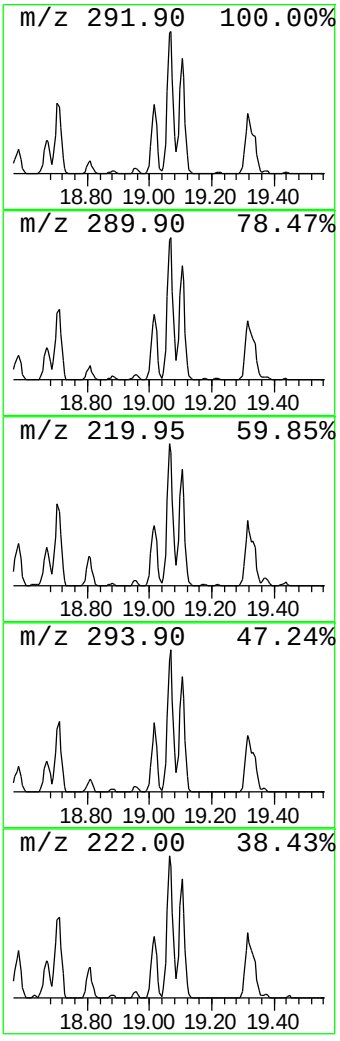
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	2.74 ng/ul	563443	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
2	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4	1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
5	1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : APRI1248-50PPM

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

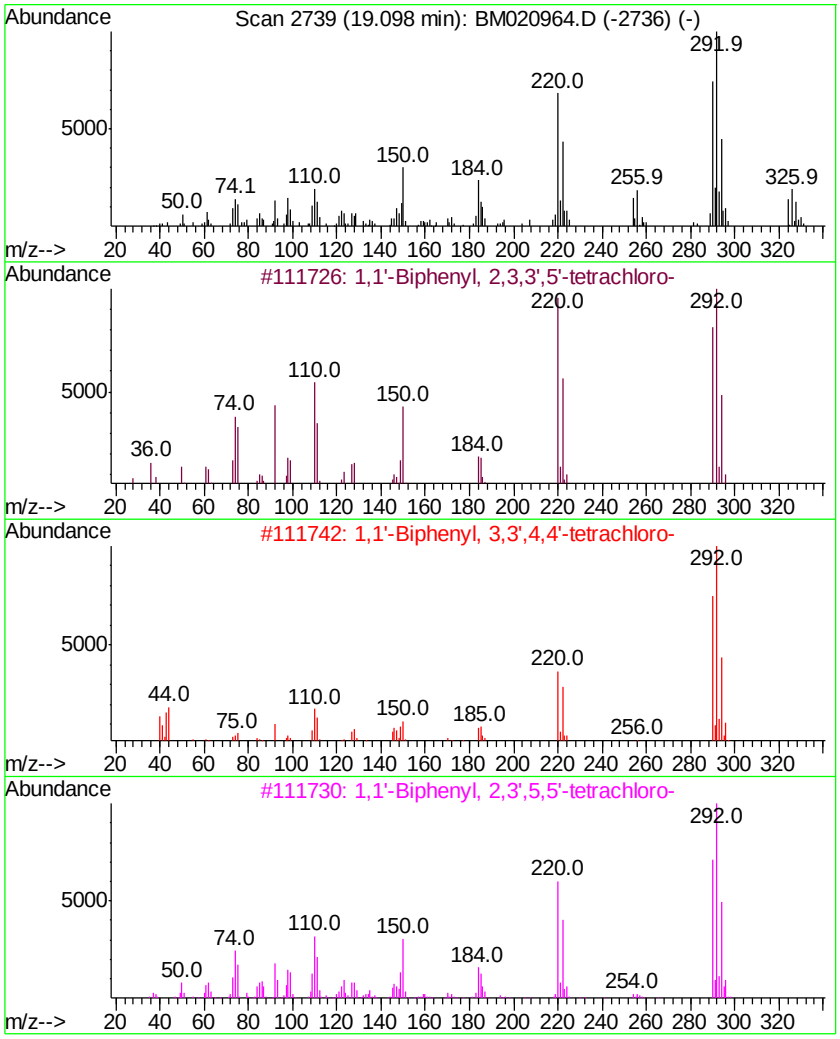
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

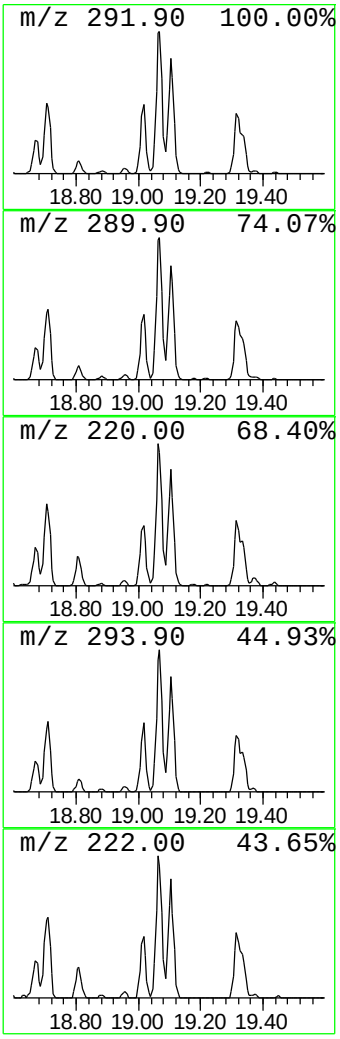
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.69 ng/ul	552852	Phenanthrene-d10	17.18

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, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	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, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	97





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061419\
Data File : BM020964.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
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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: Str...	3.22	3.5	ng/ul	276986	1	7.79	1603380	20.0
1,1'-Biphenyl, 2,...	17.77	3.4	ng/ul	701448	4	17.18	4106700	20.0
1,1'-Biphenyl, 2,...	18.24	2.7	ng/ul	563507	4	17.18	4106700	20.0
1,1'-Biphenyl, 2,...	18.53	2.3	ng/ul	480300	4	17.18	4106700	20.0
1,1'-Biphenyl, 2,...	19.06	2.7	ng/ul	563443	4	17.18	4106700	20.0
1,1'-Biphenyl, 2,...	19.10	2.7	ng/ul	552852	4	17.18	4106700	20.0