LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

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-BM111119MA.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	2.928	5	7	9	rVB	53611	44352	0.80%	0.133%
2	2.963	9	13	26	rVB	1179119	1176268	21.10%	3.514%
3	3.287	65	68	74	rVB	64935	76003	1.36%	0.227%
4	3.746	142	146	152	rVB	31940	41954	0.75%	0.125%
5	3.863	163	166	168	rVB4	5428	6399	0.11%	0.019%
6	5.034	359	365	369	rBV6	7361	13192	0.24%	0.039%
7	5.434	424	433	435	rBV5	10747	24176	0.43%	0.072%
8	6.004	527	530	533	rVB4	6212	5918	0.11%	0.018%
9	6.346	586	588	592	rVB5	5118	7144	0.13%	0.021%
10	6.475	605	610	612	rBV6	4499	8274	0.15%	0.025%
11	6.822	667	669	672	rBV3	3995	6046	0.11%	0.018%
12	6.887	674	680	683	rVV5	12165	23976	0.43%	0.072%
13	6.922	683	686	689	rVV4	10236	17108	0.31%	0.051%
14	6.969	689	694	702	rVV7	14869	28205	0.51%	0.084%
15	7.051	702	708	713	rVB5	7090	12828	0.23%	0.038%
16	7.498	775	784	796	rBV	1428584	2316830	41.56%	6.922%
17	7.640	802	808	813	rBV	27649	45905	0.82%	0.137%
18	7.810	832	837	845	rVB5	4856	9040	0.16%	0.027%
19	9.598	1139	1141	1145	rBV3	4527	6611	0.12%	0.020%
20	9.669	1149	1153	1158	rVB5	7181	10924	0.20%	0.033%
21	9.969	1198	1204	1211	rVB3	14332	22673	0.41%	0.068%
22	10.269	1247	1255	1274	rBV	2637695	4409585	79.10%	13.174%
23	10.398	1275	1277	1283	rVB6	7438	12470	0.22%	0.037%
24	12.992	1715	1718	1721	rBV5	5220	5643	0.10%	0.017%
25	13.251	1758	1762	1769	rVB6	6417	11207	0.20%	0.033%
26	14.157	1909	1916	1933	rBV2	3746269	5574433	100.00%	16.654%
27	14.486	1971	1972	1976	rVB4	7115	7160	0.13%	0.021%
28	15.051	2064	2068	2072	rBV5	4166	7493	0.13%	0.022%
29	15.674	2171	2174	2179	rVB6	10016	14373	0.26%	0.043%
30	15.904	2208	2213	2216	rBV7	7601	11848	0.21%	0.035%
31	16.451	2301	2306	2308	rBV5	6985	8443	0.15%	0.025%
32	16.521	2310	2318	2323	rBV	17500	32925	0.59%	0.098%
33	16.592	2326	2330	2332	rBV5	5052	7617	0.14%	0.023%
34	16.704	2345	2349	2351	rBV2	16957	24206	0.43%	0.072%

LSC Area Percent Report

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Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

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-BM111119MA.M
Title : SVOA CALIBRATION

35	16.910	2378	2384	2390	rBV	3846966	5493391	98.55%	16.411%
36	16.951	2390	2391	2397	rVB	128899	121093	2.17%	0.362%
37	17.098	2412	2416	2420	rBV4	26582	34349	0.62%	0.103%
38	17.257	2442	2443	2446	rBV3	5024	5840	0.10%	0.017%
39	17.439	2471	2474	2475	rBV3	6628	6687	0.12%	0.020%
40	17.521	2482	2488	2493	rBV2	79716	145032	2.60%	0.433%
41	17.580	2496	2498	2501	rVV3	17770	17820	0.32%	0.053%
42	17.633	2503	2507	2514	rVB10	17443	30214	0.54%	0.090%
43	17.768	2525	2530	2536	rBV6	28469	60862	1.09%	0.182%
44	17.839	2537	2542	2546	rVV7	21424	47115	0.85%	0.141%
45	17.892	2549	2551	2552	rVV2	8759	6232	0.11%	0.019%
46	17.927	2555	2557	2558	rBV	9961	6455	0.12%	0.019%
47	17.986	2563	2567	2572	rBV	248750	342939	6.15%	1.025%
48	18.045	2574	2577	2582	rVV	81697	106235	1.91%	0.317%
49	18.092	2582	2585	2589	rVB5	32227	38530	0.69%	0.115%
50	18.127	2589	2591	2592	rVB2	12100	7843	0.14%	0.023%
51	18.157	2592	2596	2598	rBV4	9067	14832	0.27%	0.044%
52	18.274	2612	2616	2622	rBV2	99878	143000	2.57%	0.427%
53	18.415	2638	2640	2642	rBV2	9088	7847	0.14%	0.023%
54	18.451	2643	2646	2653	rVB2	46277	56576	1.01%	0.169%
55	18.551	2661	2663	2668	rBV5	11793	13230	0.24%	0.040%
56	18.768	2696	2700	2704	rBV3	57413	89091	1.60%	0.266%
57	18.845	2705	2713	2721	rVB2	306432	607783	10.90%	1.816%
58	18.933	2724	2728	2731	rVV3	47050	54740	0.98%	0.164%
59	18.980	2731	2736	2743	rVV	137748	192256	3.45%	0.574%
60	19.056	2745	2749	2757	rVV6	72162	139638	2.50%	0.417%
61	19.133	2757	2762	2769	rVV	472342	641936	11.52%	1.918%
62	19.198	2769	2773	2777	rVV	178251	220468	3.95%	0.659%
63	19.327	2791	2795	2796	rBV2	35611	47655	0.85%	0.142%
64	19.398	2803	2807	2811	rVB	125045	161166	2.89%	0.481%
65	19.474	2816	2820	2825	rVB	228121	263225	4.72%	0.786%
66	19.527	2825	2829	2832	rBV3	84433	112536	2.02%	0.336%
67	19.580	2834	2838	2846	rVB	473341	613944	11.01%	1.834%
68	19.845	2879	2883	2888	rVB3	210748	271928	4.88%	0.812%
69	19.898	2888	2892	2897	rBV	428110	512691	9.20%	1.532%
70	20.127	2927	2931	2935	rBV	247083	296985	5.33%	0.887%
71	20.180	2936	2940	2942	rVV	125504	167878	3.01%	0.502%

LSC Area Percent Report

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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

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-BM111119MA.M
Title : SVOA CALIBRATION

72	20.209	2942	2945	2950	rVB	171187	230250	4.13%	0.688%
73	20.445	2979	2985	2993	rVB3	286783	490012	8.79%	1.464%
74	20.750	3034	3037	3041	rBV4	106683	130536	2.34%	0.390%
75	21.115	3094	3099	3104	rBV	3012144	3784905	67.90%	11.307%
76	23.262	3459	3464	3476	rVB	2057806	3705855	66.48%	11.071%

Sum of corrected areas: 33472829

LSC Report - Integrated Chromatogram

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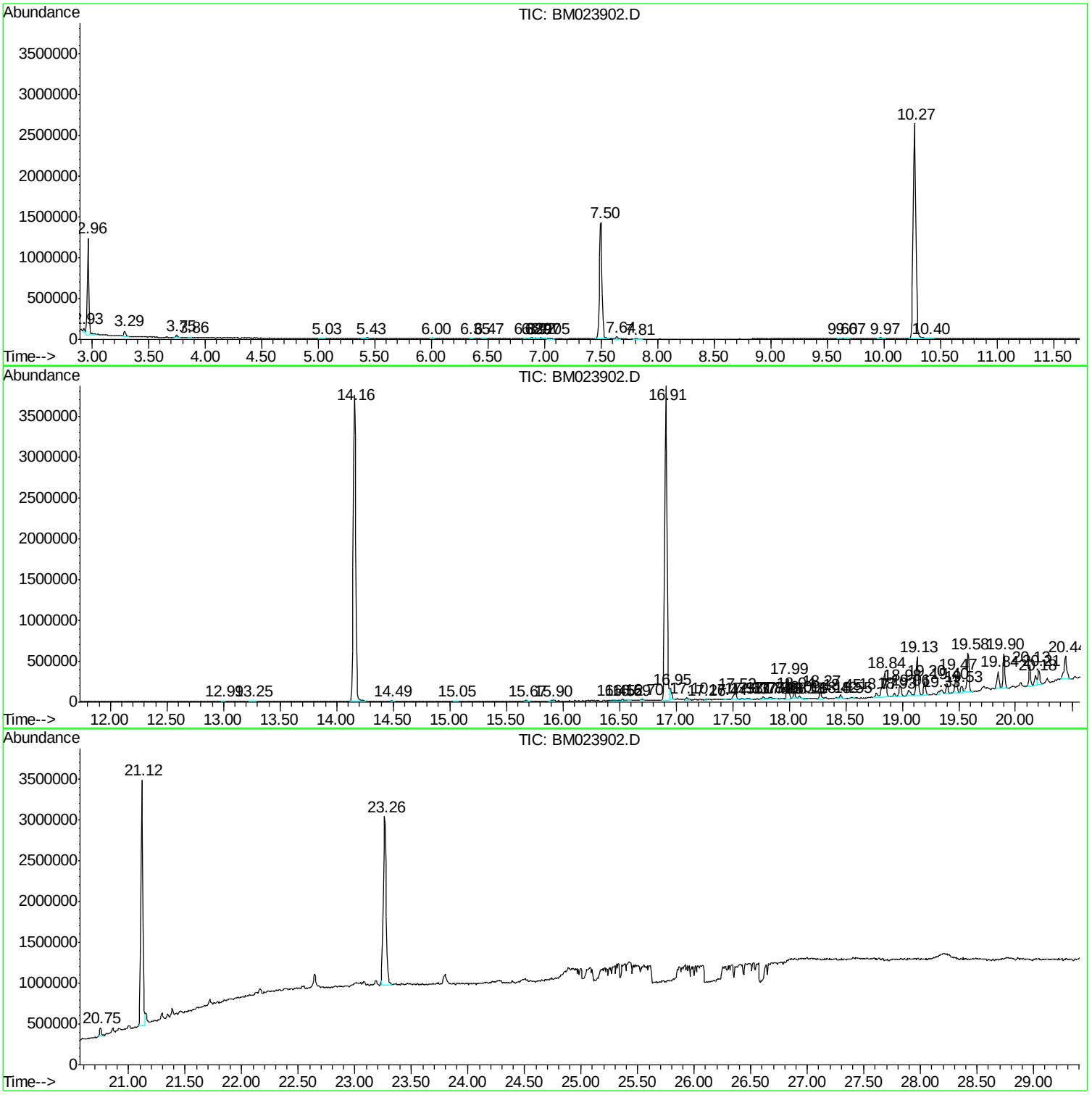
Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

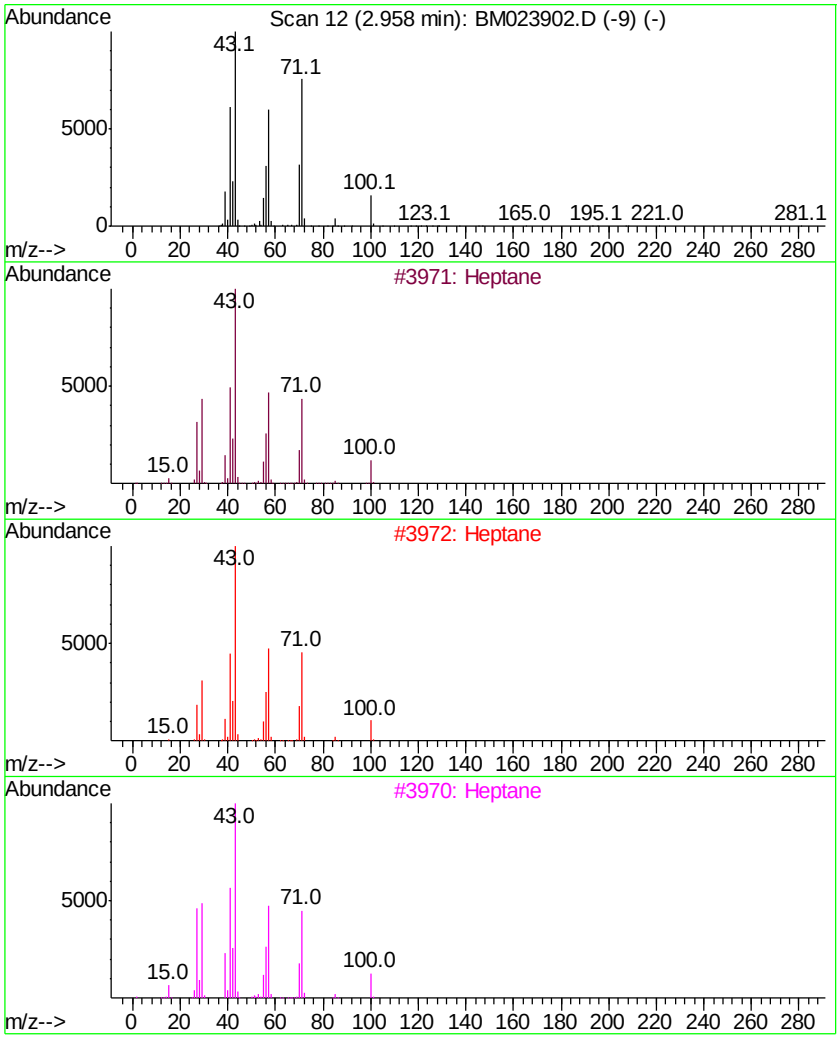
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

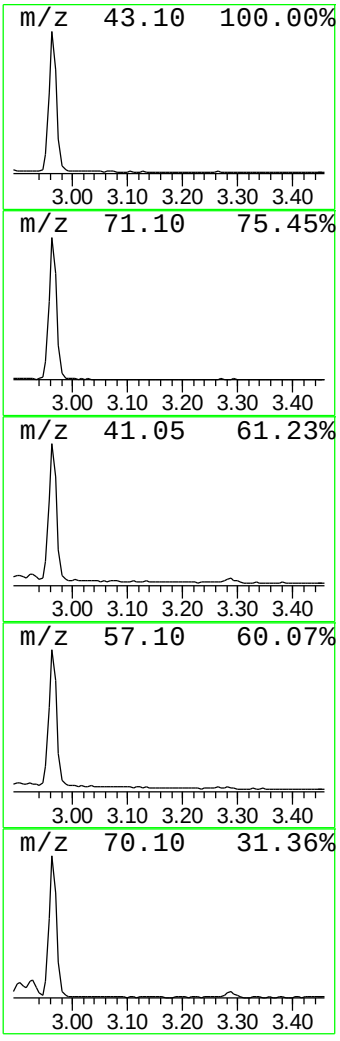
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	10.15 ng/ul	1176270	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	68
5	Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	52





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

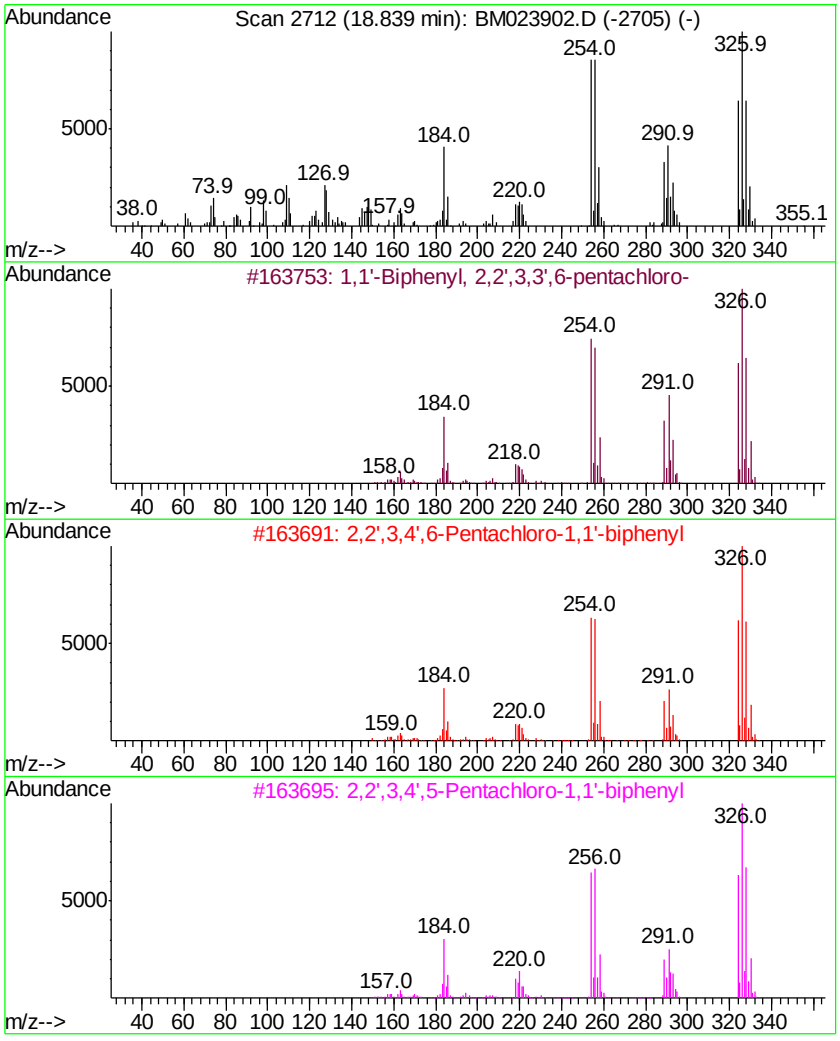
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

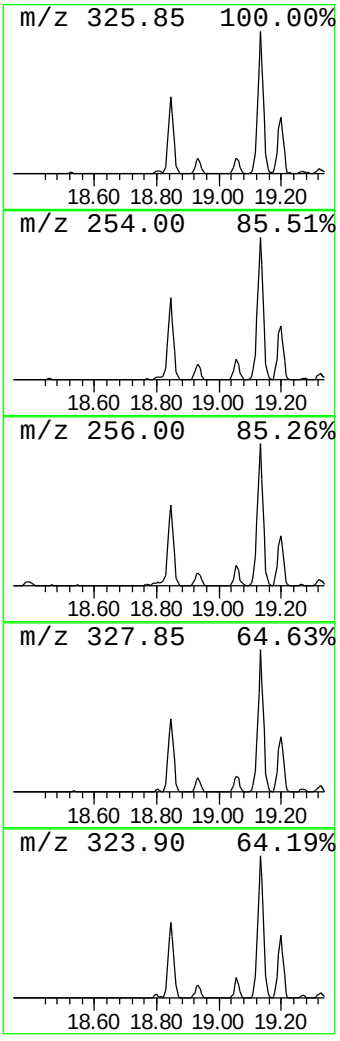
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	2.21 ng/ul	607783	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',6-penta...	324	C12H5Cl5	052663-60-2	99
2	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99
3	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
4	2,2',3,4,6'-Pentachloro-1,1'-bip...	324	C12H5Cl5	073575-57-2	99
5	1,1'-Biphenyl, 2,2',3,3',5-penta...	324	C12H5Cl5	060145-20-2	99





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Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
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Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B08

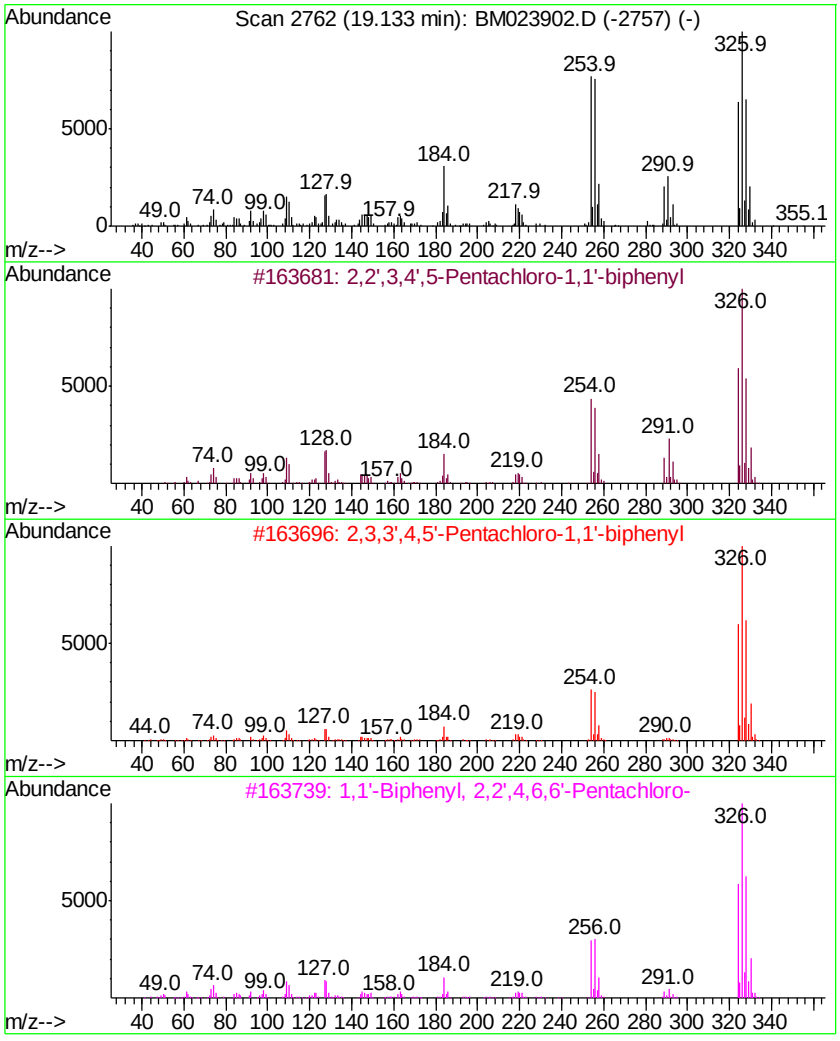
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

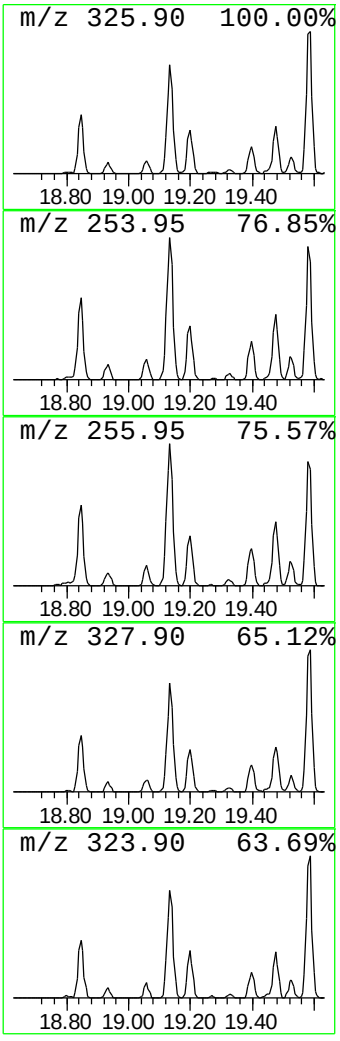
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,2',3,4',5-Pentachloro-1,1... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	3.39 ng/ul	641936	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99





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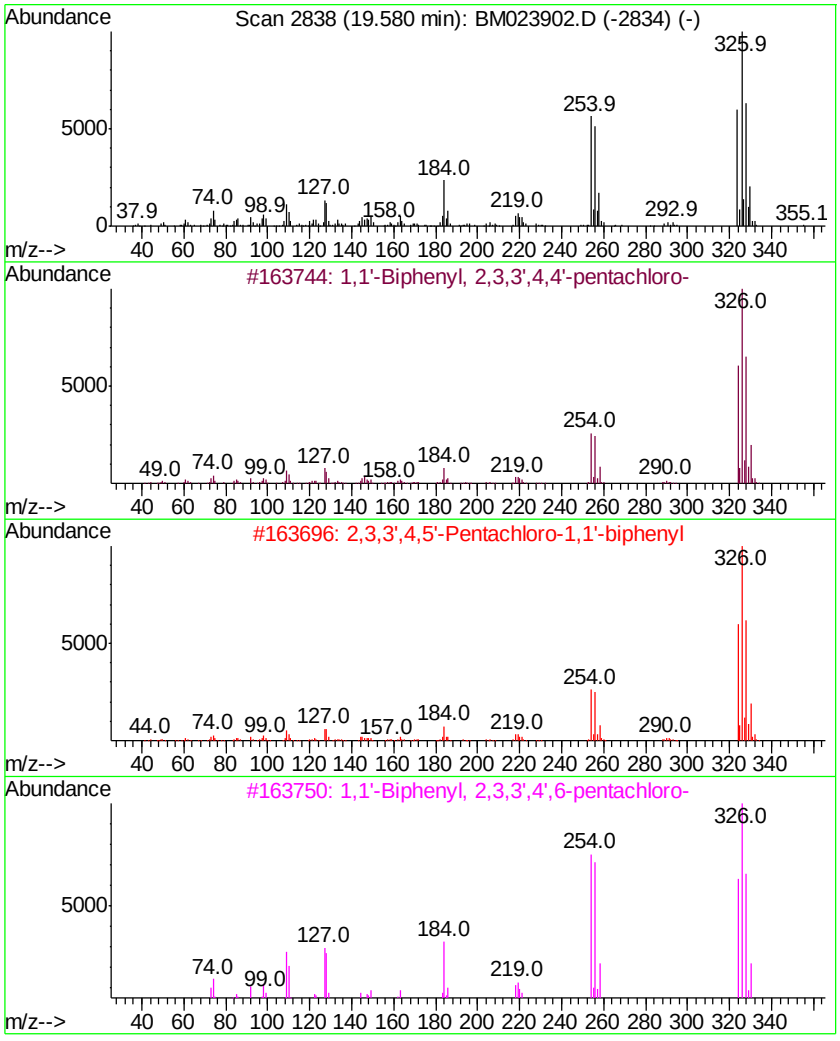
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

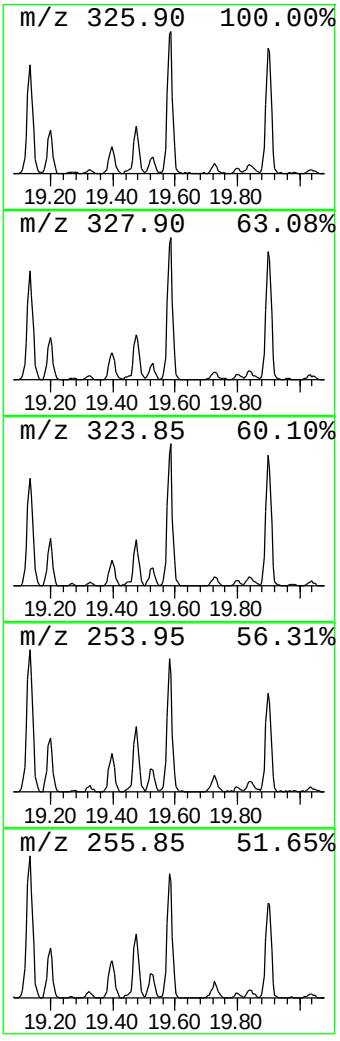
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	3.24 ng/ul	613944	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

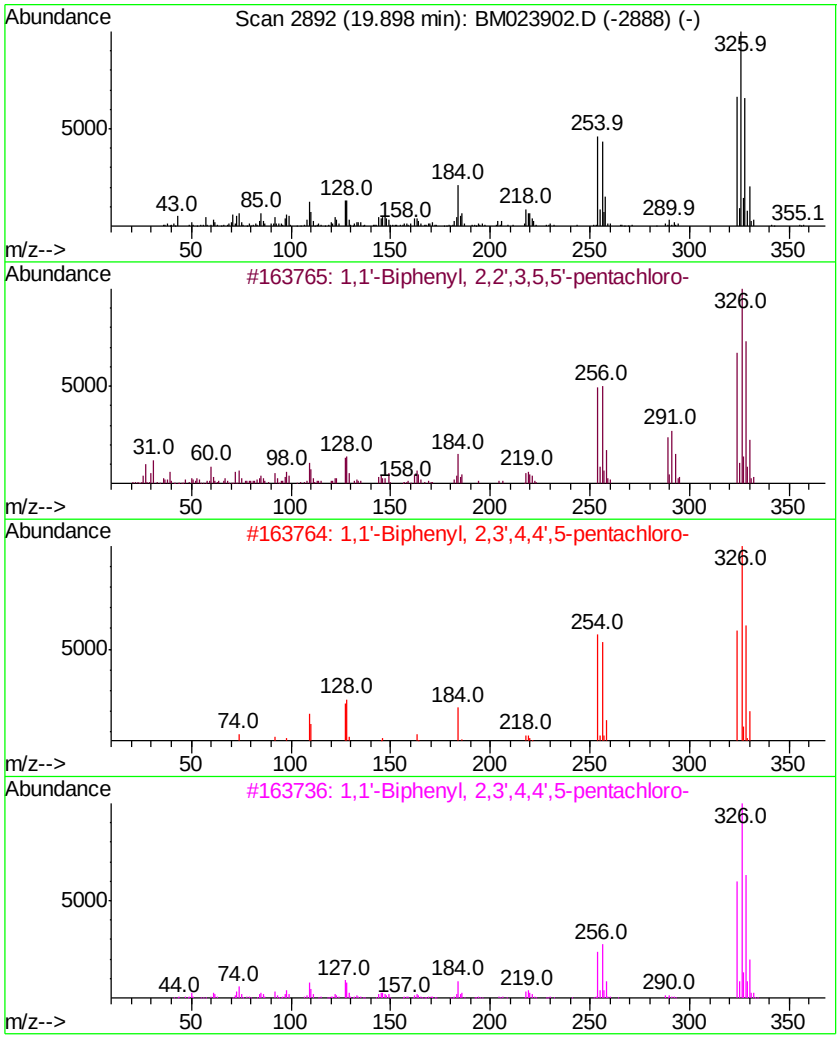
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

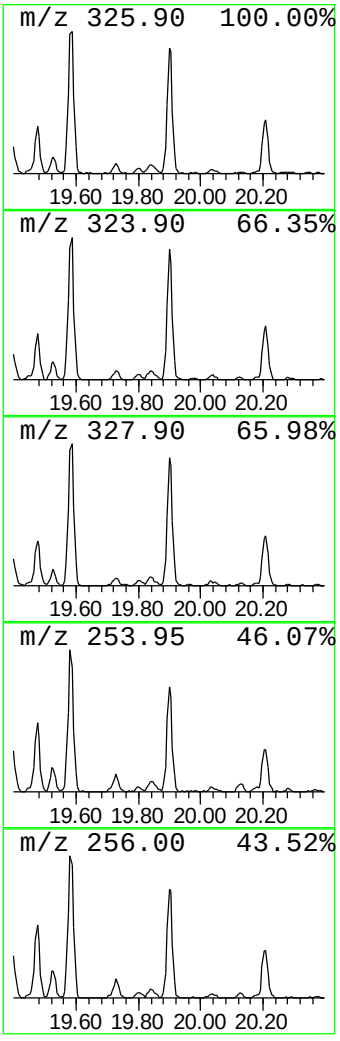
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.71 ng/ul	512691	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	3,3',4,4,',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
5	2,3,3',4,5-Pentachloro-1,1'-biph...	324	C12H5Cl5	070424-69-0	99





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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

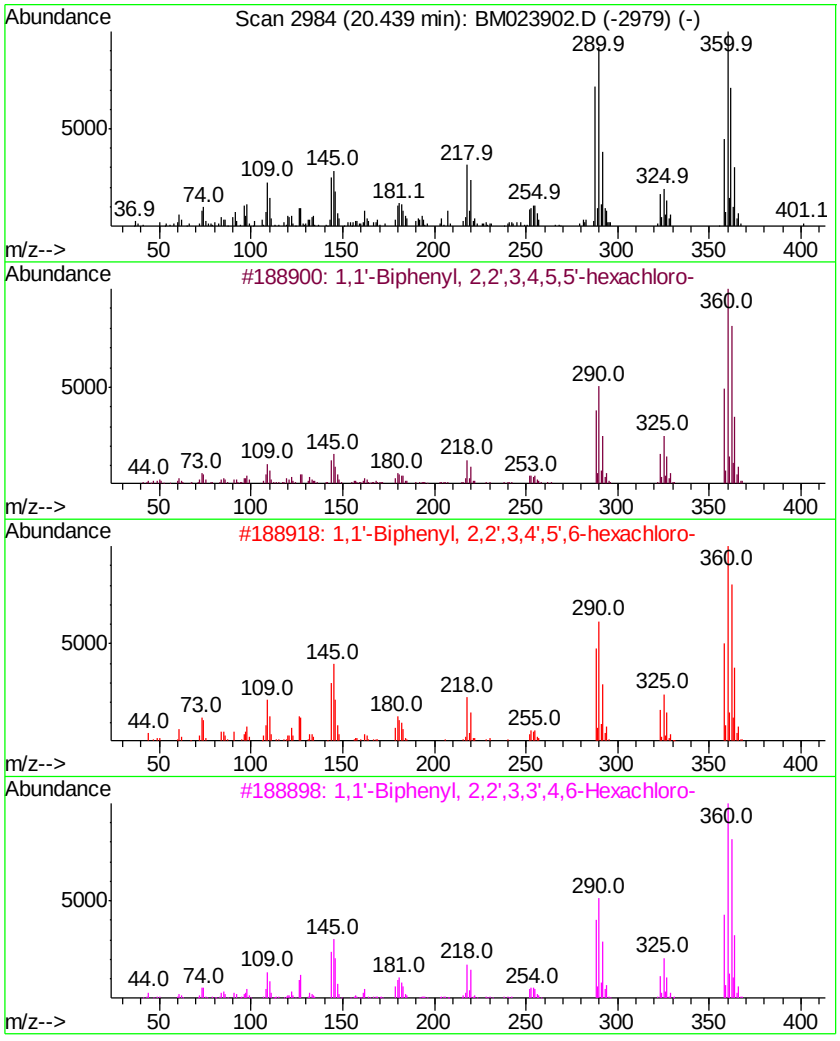
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

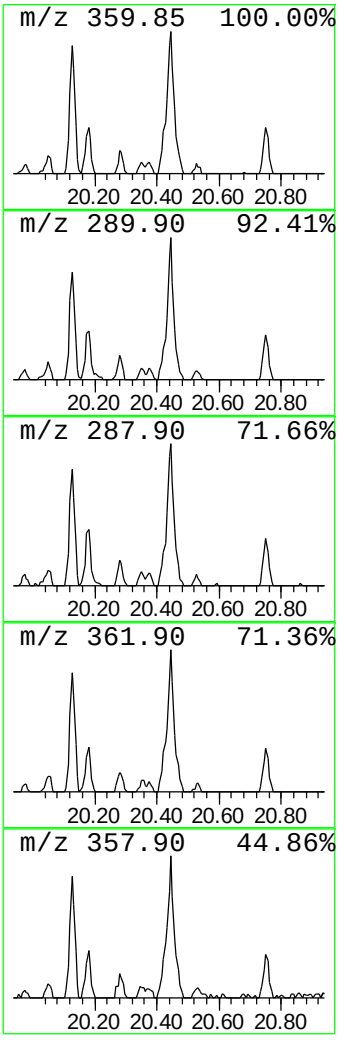
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	2.59 ng/ul	490012	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	99
3	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99
4	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112619\
Data File : BM023902.D
Acq On : 26 Nov 2019 22:26
Operator : JU
Sample : K5985-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B08

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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
(DEL) Alkane: Str...	2.96	10.2	ng/ul	1176270	1	7.49	2316830	20.0
1,1'-Biphenyl, 2,...	18.84	2.2	ng/ul	607783	4	16.91	5493390	20.0
2,2',3,4',5-Penta...	19.13	3.4	ng/ul	641936	5	21.12	3784910	20.0
1,1'-Biphenyl, 2,...	19.58	3.2	ng/ul	613944	5	21.12	3784910	20.0
1,1'-Biphenyl, 2,...	19.90	2.7	ng/ul	512691	5	21.12	3784910	20.0
1,1'-Biphenyl, 2,...	20.44	2.6	ng/ul	490012	5	21.12	3784910	20.0