LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062521\
Data File : BN015065.D
Acq On : 25 Jun 2021 07:33
Operator : CG/JU
Sample : M2720-02
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0CP3

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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN015065.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.134	4	8	11	rBV	72450	76696	1.61%	0.399%
2	3.164	11	13	15	rVV	32137	33964	0.71%	0.177%
3	3.187	15	17	19	rVV	48546	49380	1.04%	0.257%
4	3.222	19	23	36	rVB	4533760	4770050	100.00%	24.836%
5	3.516	69	73	74	rBV	11046	11175	0.23%	0.058%
6	3.546	74	78	86	rVB	141519	165693	3.47%	0.863%
7	3.634	89	93	99	rVB2	10093	11966	0.25%	0.062%
8	3.999	150	155	160	rVB	39994	48833	1.02%	0.254%
9	5.281	368	373	378	rVB2	5116	6959	0.15%	0.036%
10	6.746	617	622	626	rBV4	3410	4793	0.10%	0.025%
11	7.722	781	788	796	rBV	877413	1367622	28.67%	7.121%
12	7.957	824	828	834	rBV4	3215	5400	0.11%	0.028%
13	10.498	1253	1260	1268	rVB	1119811	1840164	38.58%	9.581%
14	14.351	1907	1915	1922	rBV	1560614	2183764	45.78%	11.370%
15	16.880	2341	2345	2350	rBV	6166	9104	0.19%	0.047%
16	17.098	2375	2382	2394	rBV	1686008	2360445	49.48%	12.290%
17	17.192	2394	2398	2405	rVB2	4584	7723	0.16%	0.040%
18	17.704	2479	2485	2490	rVB5	13311	23329	0.49%	0.121%
19	17.951	2524	2527	2530	rBV4	4232	5075	0.11%	0.026%
20	18.175	2561	2565	2569	rVB	78884	93533	1.96%	0.487%
21	18.233	2572	2575	2580	rVV2	16704	17779	0.37%	0.093%
22	18.463	2610	2614	2619	rBV	35408	42384	0.89%	0.221%
23	18.639	2640	2644	2647	rBV3	10103	11336	0.24%	0.059%
24	18.945	2692	2696	2700	rBV2	14321	16713	0.35%	0.087%
25	18.998	2701	2705	2707	rVV2	44264	57391	1.20%	0.299%
26	19.027	2707	2710	2715	rVB2	115620	156467	3.28%	0.815%
27	19.110	2721	2724	2728	rVB2	11591	13245	0.28%	0.069%
28	19.163	2729	2733	2736	rVV2	4875	6493	0.14%	0.034%
29	19.239	2741	2746	2753	rBV6	20749	35837	0.75%	0.187%
30	19.310	2753	2758	2763	rVB	185052	241740	5.07%	1.259%
31	19.374	2765	2769	2774	rBV3	64661	72316	1.52%	0.377%
32	19.527	2792	2795	2797	rVB2	6690	6504	0.14%	0.034%
33	19.574	2799	2803	2806	rBV	44586	51348	1.08%	0.267%
34	19.651	2812	2816	2820	rVB	82434	93528	1.96%	0.487%
35	19.698	2820	2824	2828	rBV3	22521	27453	0.58%	0.143%
36	19.757	2828	2834	2840	rVV	187934	233576	4.90%	1.216%

LSC Area Percent Report

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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0CP3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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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_N\METHODS\SFAM-EPA-BN061821MA.M
Title : SVOA CALIBRATION

37	19.880	2853	2855	2857	rBV	10009	11476	0.24%	0.060%
38	19.904	2857	2859	2861	rVV2	16292	14786	0.31%	0.077%
39	19.927	2861	2863	2867	rVB4	8676	9585	0.20%	0.050%
40	20.022	2875	2879	2884	rBV4	75797	94301	1.98%	0.491%
41	20.074	2884	2888	2892	rBV	160929	190032	3.98%	0.989%
42	20.227	2908	2914	2917	rBV7	10731	17571	0.37%	0.091%
43	20.304	2923	2927	2932	rVB	85798	98660	2.07%	0.514%
44	20.357	2932	2936	2937	rBV2	44513	46881	0.98%	0.244%
45	20.380	2937	2940	2945	rVB	71152	78305	1.64%	0.408%
46	20.457	2950	2953	2957	rBV5	12943	13385	0.28%	0.070%
47	20.521	2960	2964	2967	rBV5	9846	14800	0.31%	0.077%
48	20.621	2974	2981	2987	rVB2	116697	178903	3.75%	0.931%
49	20.816	3011	3014	3015	rBV3	7702	8879	0.19%	0.046%
50	20.927	3029	3033	3038	rVB4	36364	38527	0.81%	0.201%
51	21.180	3073	3076	3077	rBV3	13744	12871	0.27%	0.067%
52	21.292	3089	3095	3100	rBV	1725720	2173144	45.56%	11.315%
53	23.539	3469	3477	3488	rBV	1053575	2044061	42.85%	10.643%

Sum of corrected areas: 19205945

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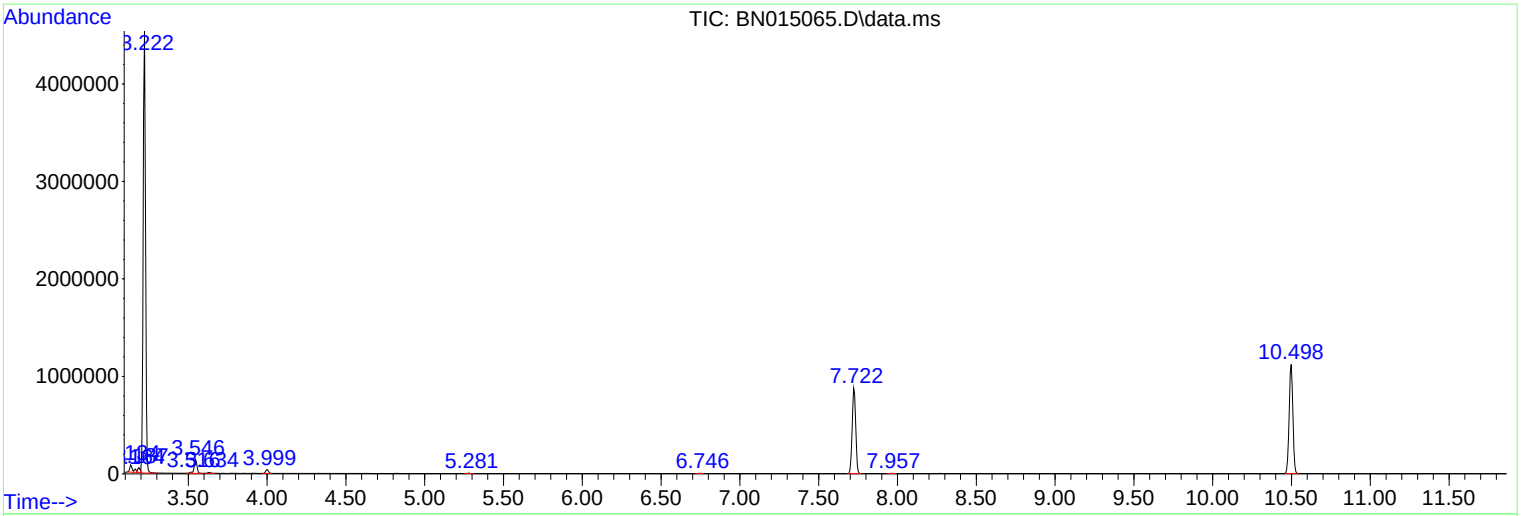
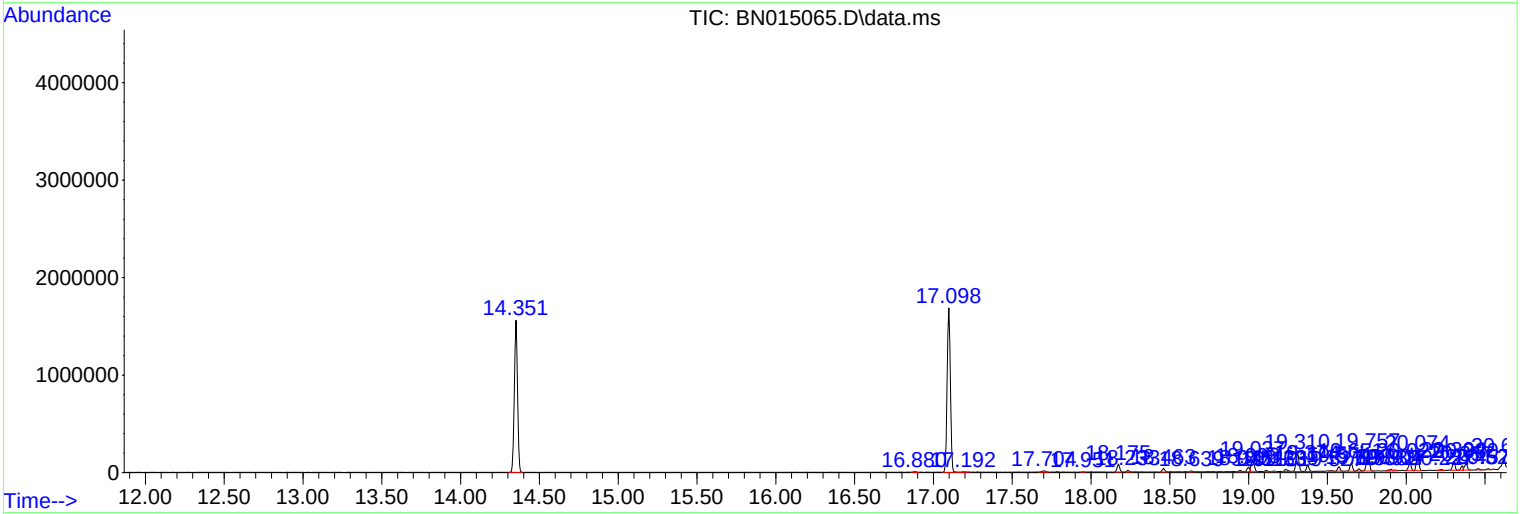
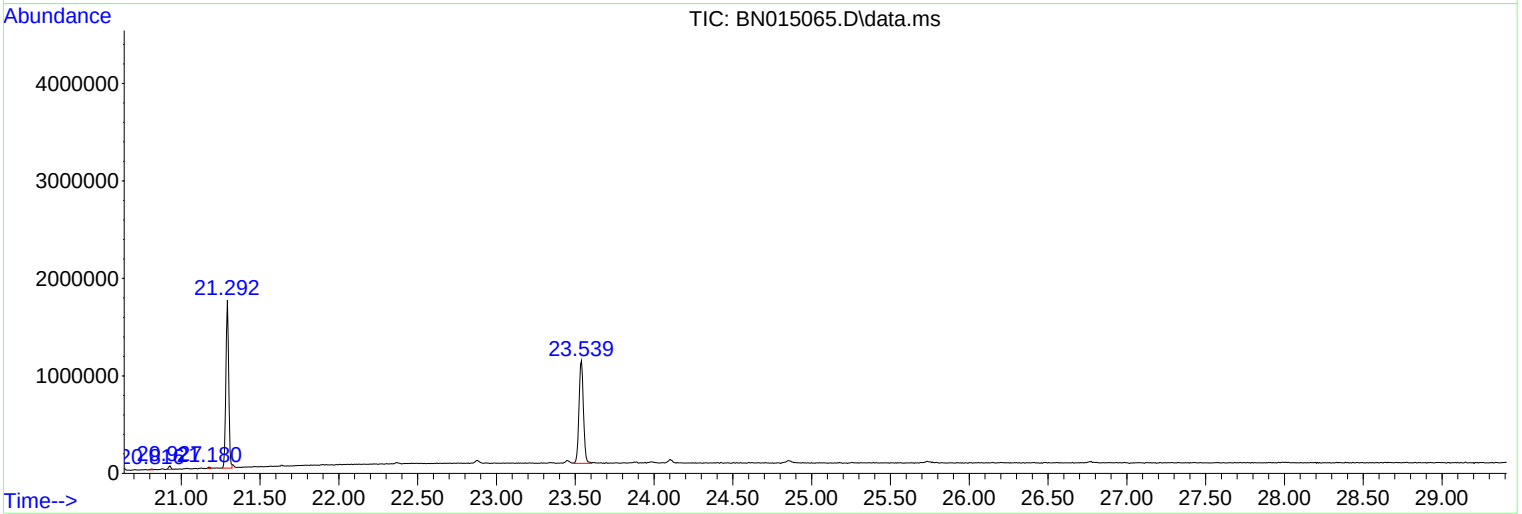
Instrument :
BNA_N
ClientSampleId :
C0CP3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

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







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Instrument :
BNA_N
ClientSampleId :
C0CP3

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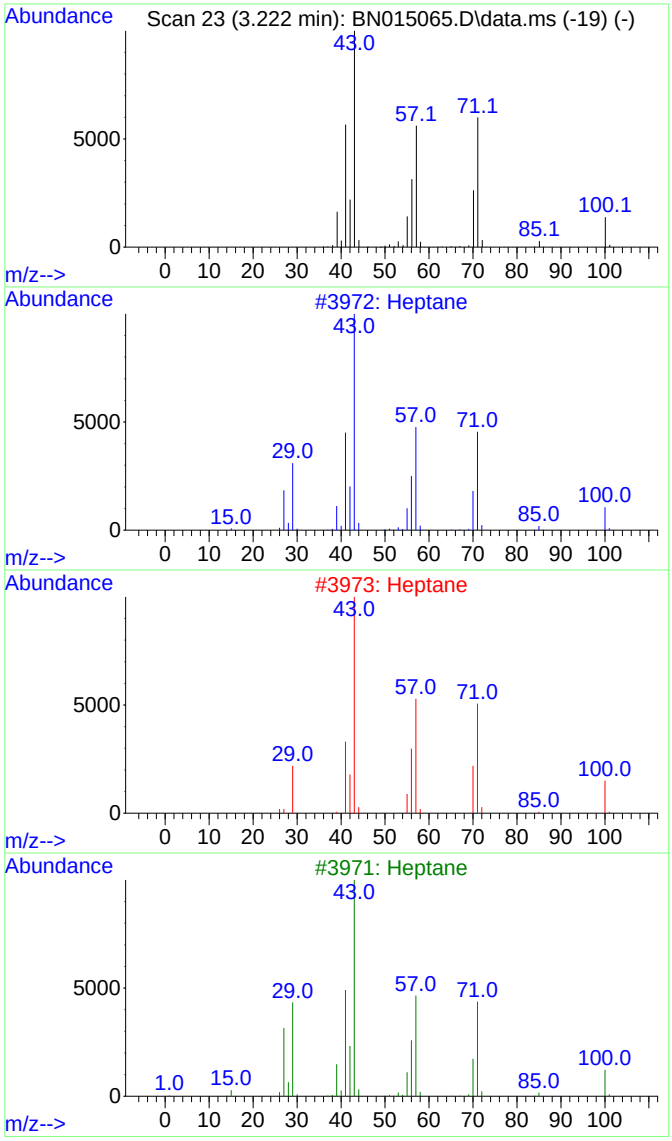
Quant Title : SVOA CALIBRATION

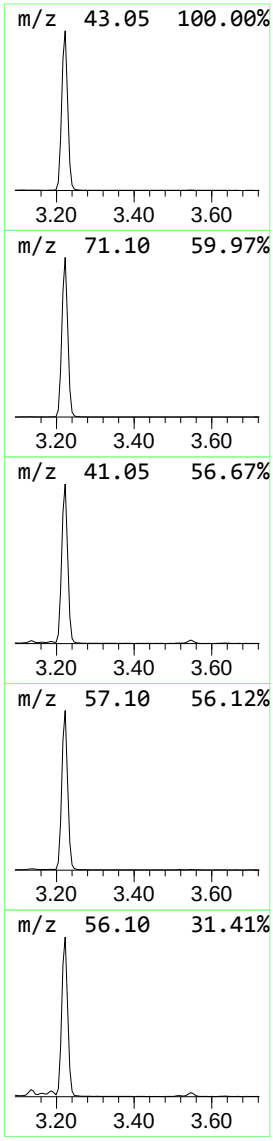
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.222	69.76 ng/ul	4770050	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	95
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	90
4	Heptane	100	C7H16	000142-82-5	86
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





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Sample : M2720-02
Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0CP3

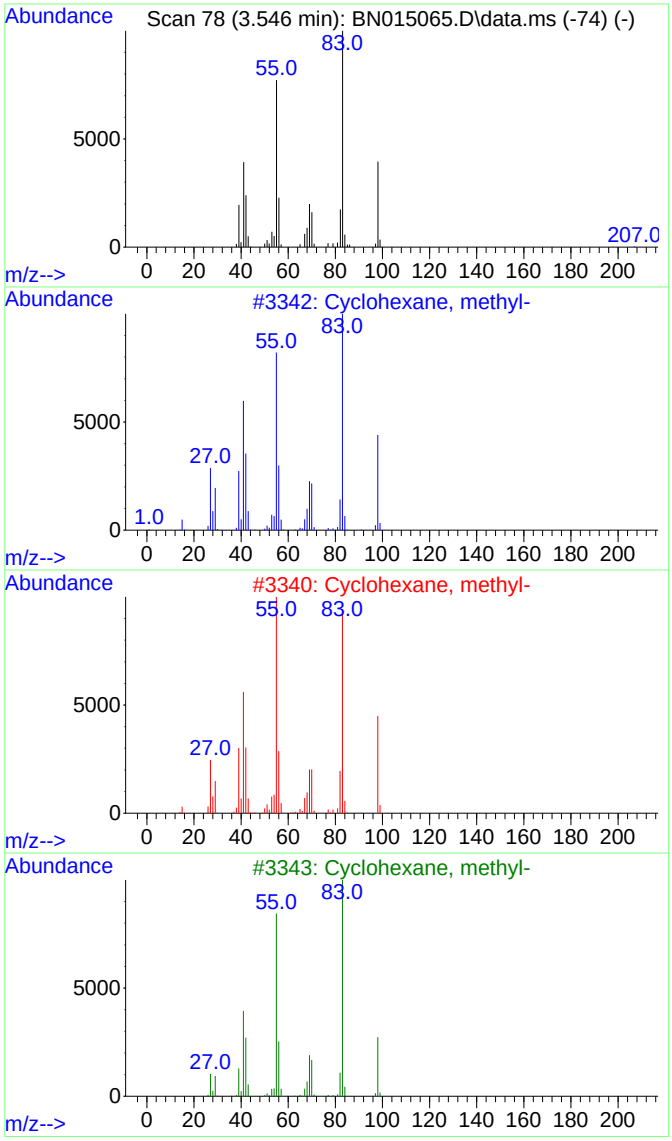
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

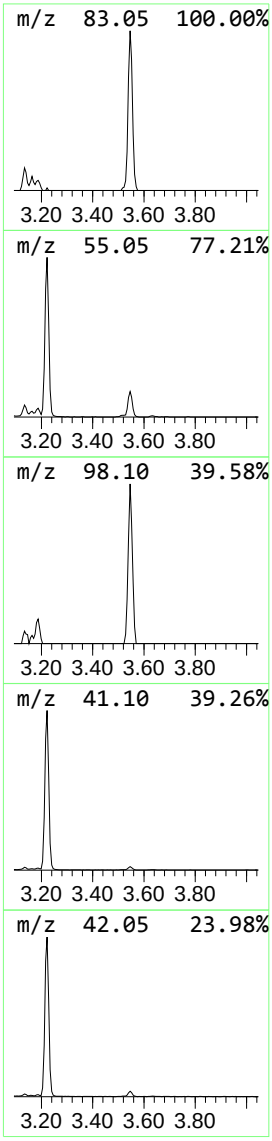
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic3.546 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.546	2.42 ng/ul	165693	1,4-Dichlorobenzene-d4	7.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
4	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	64
5	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	64





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Misc : GCMS CONFIRMATION
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Instrument :
BNA_N
ClientSampleId :
C0CP3

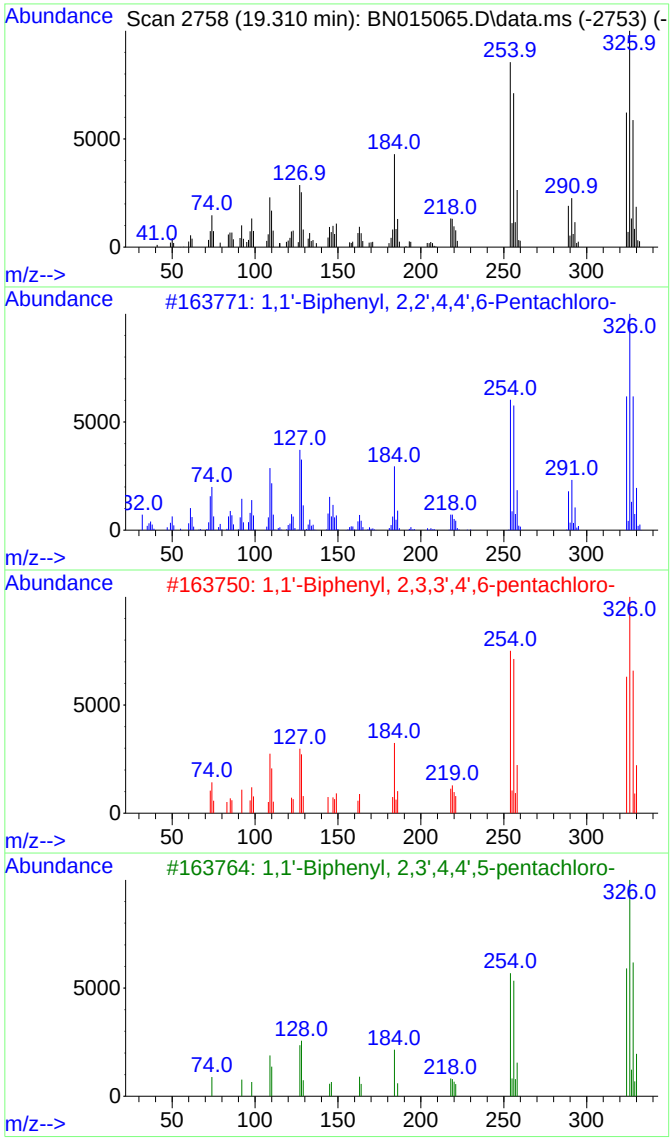
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

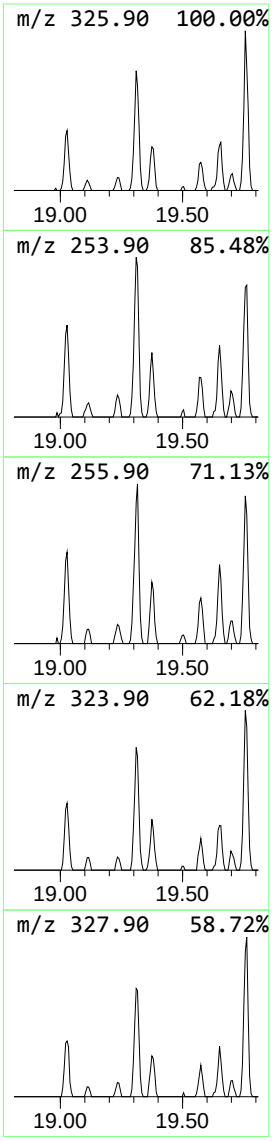
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.310	2.22 ng/ul	241740	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
4	2,3,3',5,6-Pentachloro-1,1'-biph...	324	C12H5Cl5	074472-36-9	99
5	1,1'-Biphenyl, 2,2',3,3',4-penta...	324	C12H5Cl5	052663-62-4	99





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Misc : GCMS CONFIRMATION
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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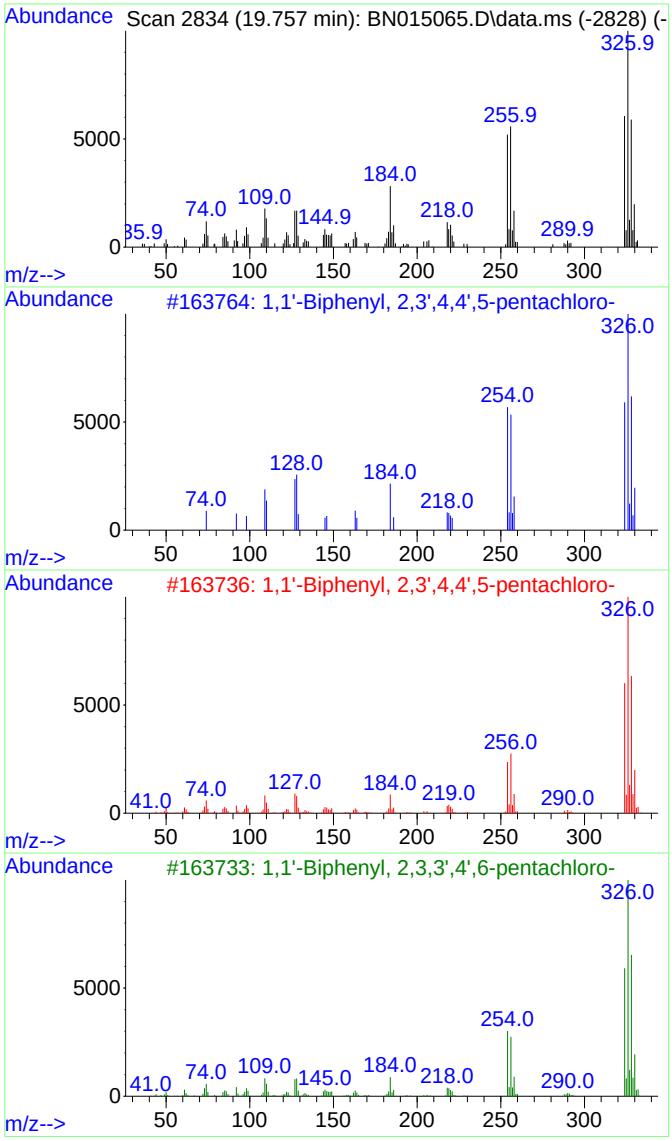
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION

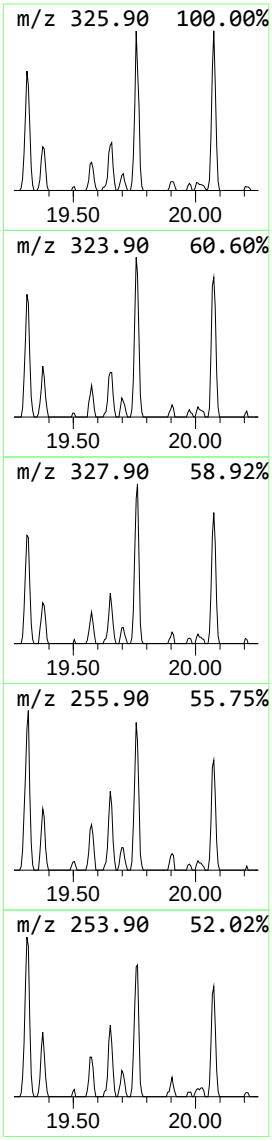
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.757	2.15 ng/ul	233576	Chrysene-d12	21.292

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





Tentatively Identified Compound (LSC) summary

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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: S...	3.222	69.8	ng/ul	4770050	1	7.722	1367620	20.0
(DEL) Alkane: C...	3.546	2.4	ng/ul	165693	1	7.722	1367620	20.0
1,1'-Biphenyl, ...	19.310	2.2	ng/ul	241740	5	21.292	2173140	20.0
1,1'-Biphenyl, ...	19.757	2.1	ng/ul	233576	5	21.292	2173140	20.0