LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022219\
Data File : BN004474.D
Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

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\SOM-EPA-BN020719MA.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	3.158	26	29	37	rBB	22090	26526	1.56%	0.340%
2	5.657	451	454	458	rBB	3225	3947	0.23%	0.051%
3	6.822	650	652	656	rBB	1877	2220	0.13%	0.028%
4	7.051	687	691	694	rBB	5339	7077	0.42%	0.091%
5	7.122	697	703	705	rBV2	20301	32004	1.89%	0.410%
6	7.146	705	707	713	rVB	28164	38595	2.27%	0.494%
7	7.204	713	717	727	rBB5	21826	49155	2.90%	0.629%
8	7.293	728	732	736	rBB	17092	23207	1.37%	0.297%
9	7.381	743	747	751	rBB	7987	11307	0.67%	0.145%
10	7.457	756	760	765	rBB3	1923	2972	0.18%	0.038%
11	7.740	803	808	814	rBV	71578	110641	6.52%	1.416%
12	7.798	814	818	820	rVB	2241	2870	0.17%	0.037%
13	7.869	823	830	835	rBB	46418	67028	3.95%	0.858%
14	8.034	855	858	862	rBB	2433	2715	0.16%	0.035%
15	10.528	1275	1282	1289	rBV	118399	191583	11.28%	2.452%
16	14.380	1931	1937	1944	rBB2	236645	349998	20.62%	4.480%
17	14.975	2032	2038	2049	rBB	1739	5717	0.34%	0.073%
18	15.927	2197	2200	2203	rBB	5601	6612	0.39%	0.085%
19	16.098	2224	2229	2232	rBB	1084	1801	0.11%	0.023%
20	16.422	2281	2284	2287	rBB	1955	2089	0.12%	0.027%
21	16.922	2363	2369	2371	rBV	2578	3774	0.22%	0.048%
22	17.063	2390	2393	2398	rBV2	1475	2487	0.15%	0.032%
23	17.127	2398	2404	2409	rBV	387217	519446	30.60%	6.648%
24	17.174	2409	2412	2415	rVB2	7076	7884	0.46%	0.101%
25	17.280	2424	2430	2432	rBV5	2500	3839	0.23%	0.049%
26	17.369	2441	2445	2446	rBV3	3027	2772	0.16%	0.035%
27	17.416	2450	2453	2457	rVB2	3854	5100	0.30%	0.065%
28	17.474	2459	2463	2465	rBV3	3210	3208	0.19%	0.041%
29	17.522	2469	2471	2473	rBV3	1530	1744	0.10%	0.022%
30	17.780	2512	2515	2518	rBV3	3023	3216	0.19%	0.041%
31	17.839	2523	2525	2528	rBV3	2039	2536	0.15%	0.032%
32	17.921	2537	2539	2541	rBV2	3647	3420	0.20%	0.044%
33	18.033	2554	2558	2560	rBV4	4789	6343	0.37%	0.081%
34	18.145	2572	2577	2580	rBV5	5353	9255	0.55%	0.118%

LSC Area Percent Report

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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

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\SOM-EPA-BN020719MA.M
Title : SVOA CALIBRATION

35	18.198	2582	2586	2590	rVB2	19917	24787	1.46%	0.317%
36	18.257	2590	2596	2599	rBV3	16049	22163	1.31%	0.284%
37	18.298	2600	2603	2609	rVB2	11914	15356	0.90%	0.197%
38	18.480	2631	2634	2638	rBV2	8716	9978	0.59%	0.128%
39	18.745	2674	2679	2686	rVB	168944	223980	13.19%	2.867%
40	19.021	2723	2726	2727	rBV2	22061	21231	1.25%	0.272%
41	19.051	2727	2731	2737	rVB2	72318	107865	6.35%	1.381%
42	19.133	2742	2745	2748	rVB4	9904	11361	0.67%	0.145%
43	19.192	2752	2755	2759	rBV	8664	12065	0.71%	0.154%
44	19.245	2759	2764	2770	rBV	1356835	1697721	100.00%	21.729%
45	19.333	2774	2779	2784	rBV	120729	159365	9.39%	2.040%
46	19.398	2786	2790	2794	rVB	45002	55672	3.28%	0.713%
47	19.468	2798	2802	2808	rVB7	12186	17151	1.01%	0.220%
48	19.521	2809	2811	2814	rVV2	6018	5390	0.32%	0.069%
49	19.563	2814	2818	2820	rVV	7406	9799	0.58%	0.125%
50	19.592	2820	2823	2828	rVB	24728	28726	1.69%	0.368%
51	19.674	2833	2837	2840	rBV	26444	30504	1.80%	0.390%
52	19.721	2843	2845	2848	rVV2	8255	8953	0.53%	0.115%
53	19.780	2848	2855	2859	rVB2	105797	145322	8.56%	1.860%
54	19.904	2872	2876	2879	rBV	36905	37387	2.20%	0.479%
55	19.968	2881	2887	2895	rVB2	46384	76901	4.53%	0.984%
56	20.045	2895	2900	2904	rBV2	147834	187618	11.05%	2.401%
57	20.098	2905	2909	2916	rVB	83011	97557	5.75%	1.249%
58	20.168	2919	2921	2924	rVB4	7902	7020	0.41%	0.090%
59	20.245	2930	2934	2937	rBV	28964	31318	1.84%	0.401%
60	20.321	2943	2947	2952	rBV	136611	153371	9.03%	1.963%
61	20.380	2953	2957	2960	rBV	44520	57245	3.37%	0.733%
62	20.480	2970	2974	2979	rVB3	31382	46675	2.75%	0.597%
63	20.621	2994	2998	2999	rBV2	50905	60806	3.58%	0.778%
64	20.645	2999	3002	3008	rVB	91654	120314	7.09%	1.540%
65	20.786	3022	3026	3031	rBV	60010	75300	4.44%	0.964%
66	20.851	3034	3037	3040	rVV3	21208	21155	1.25%	0.271%
67	20.951	3051	3054	3057	rBV2	20830	24725	1.46%	0.316%
68	21.062	3069	3073	3077	rVB2	51582	61076	3.60%	0.782%
69	21.115	3079	3082	3086	rVB4	30184	35056	2.06%	0.449%
70	21.198	3094	3096	3099	rBV3	11230	12055	0.71%	0.154%
71	21.233	3099	3102	3107	rVB2	28637	35952	2.12%	0.460%

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Misc :
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Instrument : BNA_N
ClientSampleId : CB5A3

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\SOM-EPA-BN020719MA.M
Title : SVOA CALIBRATION

72	21.327	3113	3118	3127	rVB	649573	952468	56.10%	12.191%
73	21.468	3139	3142	3146	rVB	22519	27116	1.60%	0.347%
74	21.662	3172	3175	3179	rBV3	38931	51711	3.05%	0.662%
75	21.721	3182	3185	3190	rVB4	26453	40966	2.41%	0.524%
76	21.786	3194	3196	3200	rVV5	21158	20485	1.21%	0.262%
77	21.904	3213	3216	3223	rVB	30627	36330	2.14%	0.465%
78	22.368	3291	3295	3300	rVB2	59741	83192	4.90%	1.065%
79	22.880	3379	3382	3390	rVB2	38982	60603	3.57%	0.776%
80	23.456	3476	3480	3484	rBV	34191	50623	2.98%	0.648%
81	23.598	3497	3504	3519	rVB	517473	995972	58.67%	12.748%
82	24.651	3679	3683	3706	rVB4	44166	140259	8.26%	1.795%
83	25.327	3793	3798	3807	rVB	41848	91257	5.38%	1.168%

Sum of corrected areas: 7812990

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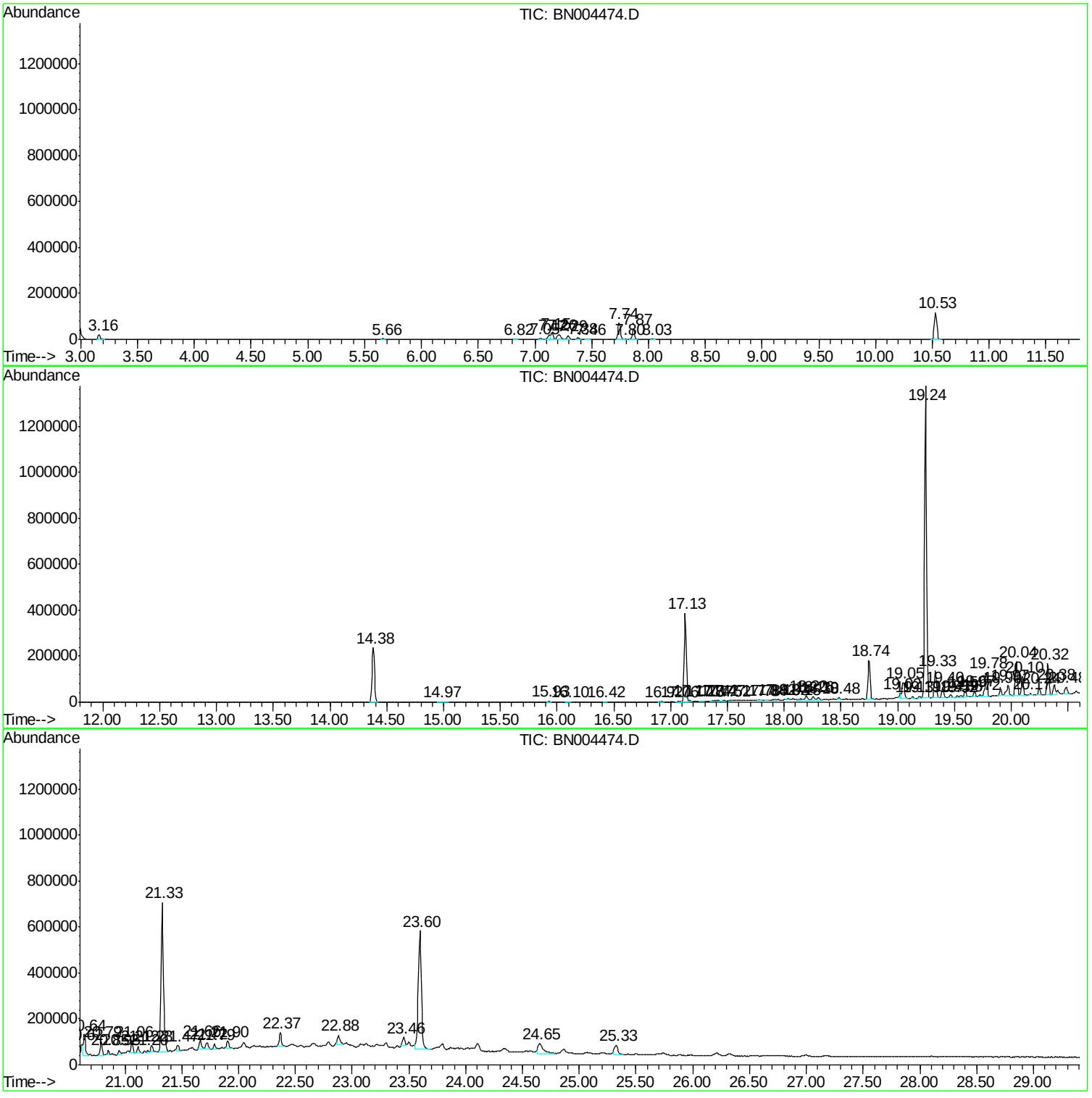
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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



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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

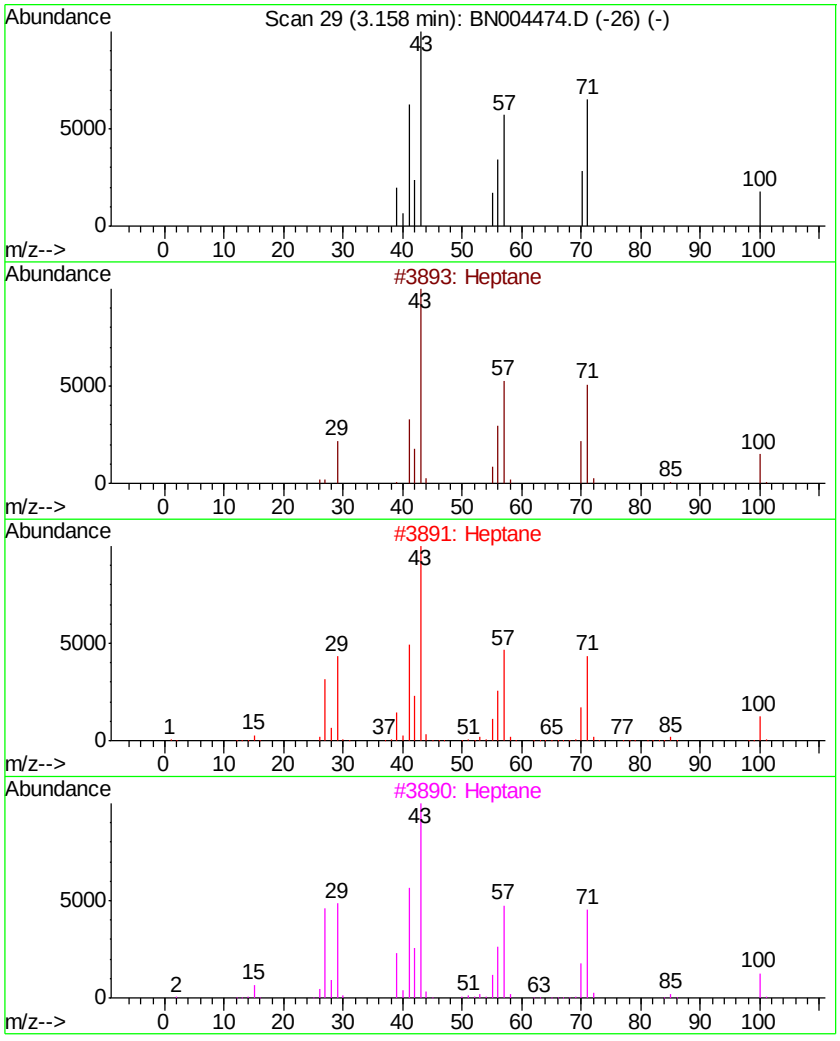
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

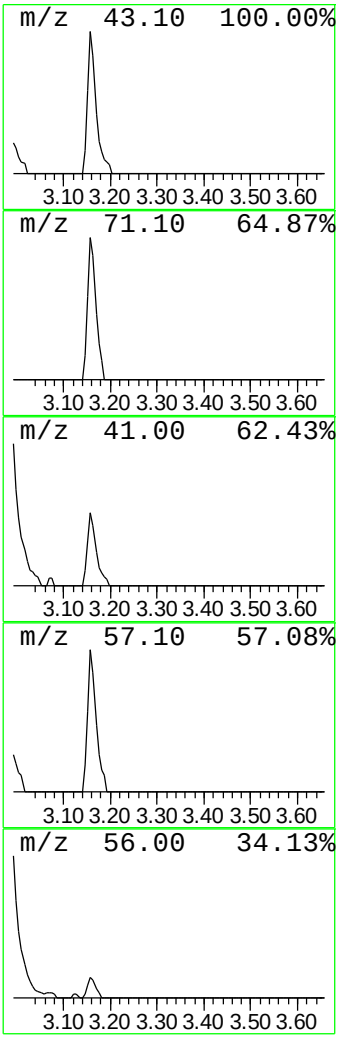
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	4.79 ng/ul	26526	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	90
2	Heptane	100	C7H16	000142-82-5	86
3	Heptane	100	C7H16	000142-82-5	83
4	Heptane	100	C7H16	000142-82-5	80
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	38





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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

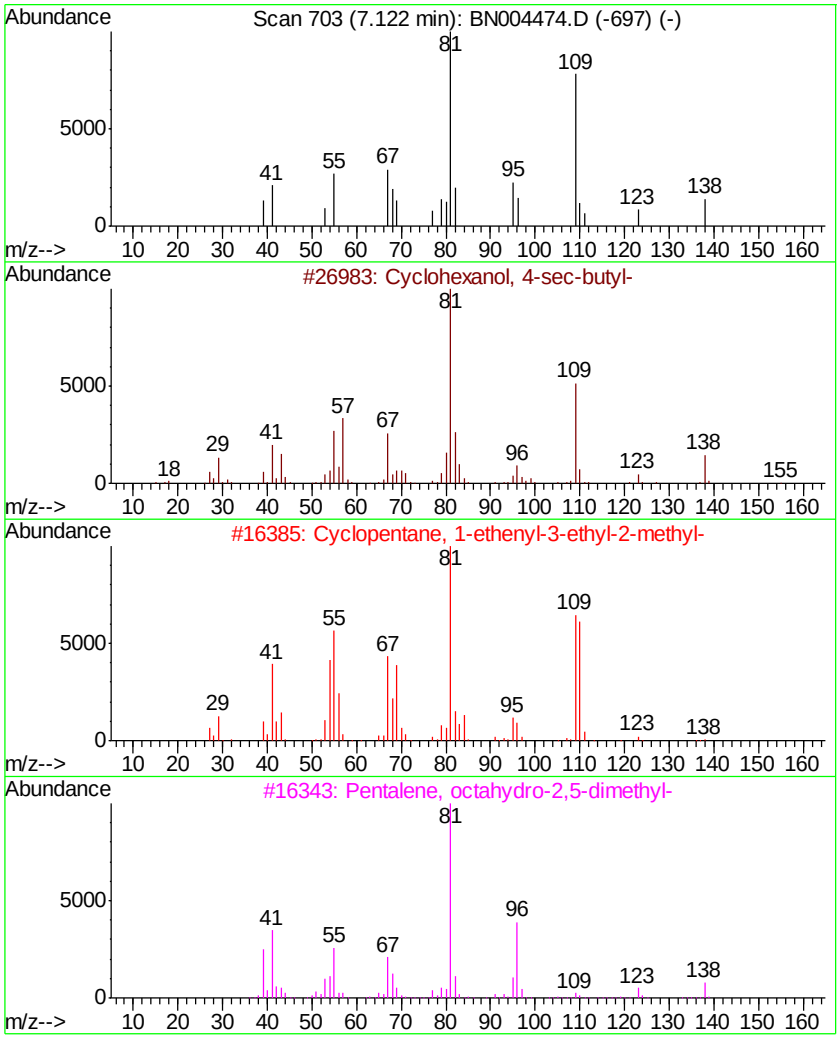
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

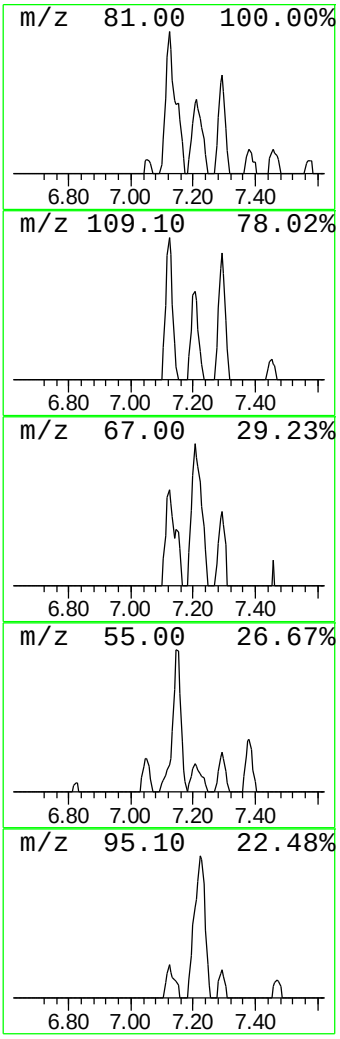
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexanol, 4-sec-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	5.79 ng/ul	32004	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-sec-butyl-	156	C10H20O	006292-20-2	59
2	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	45
3	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	43
4	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43
5	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	43





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Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

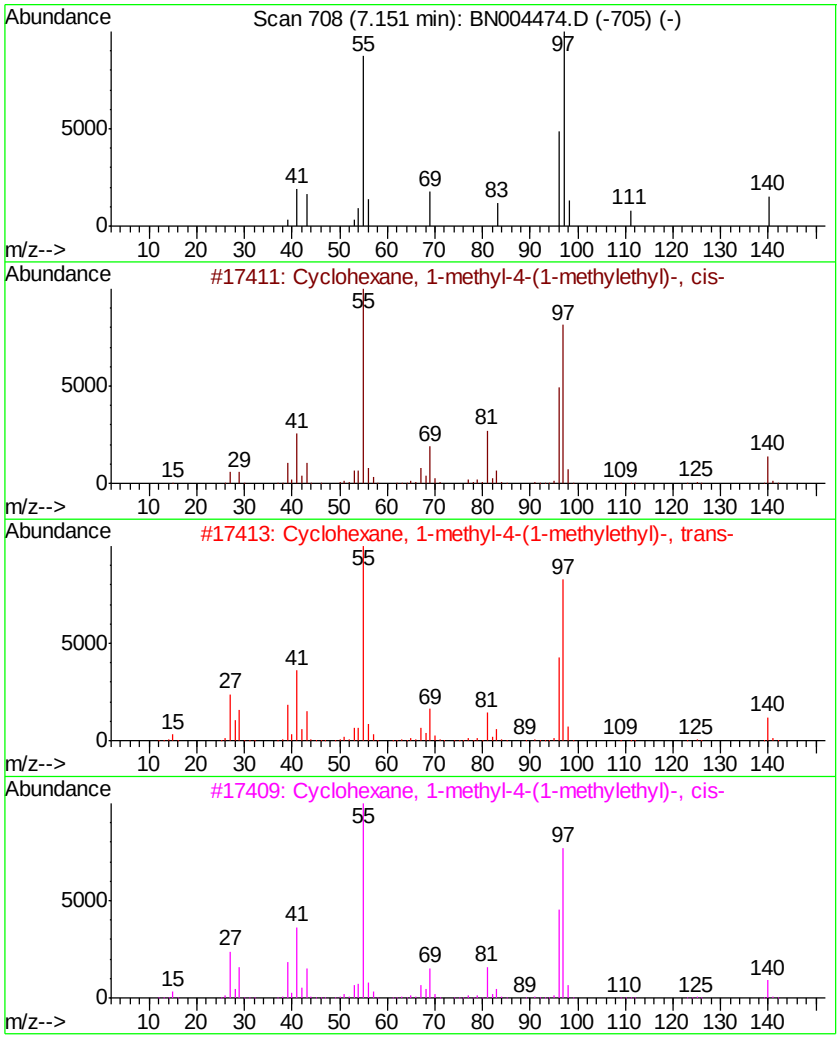
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

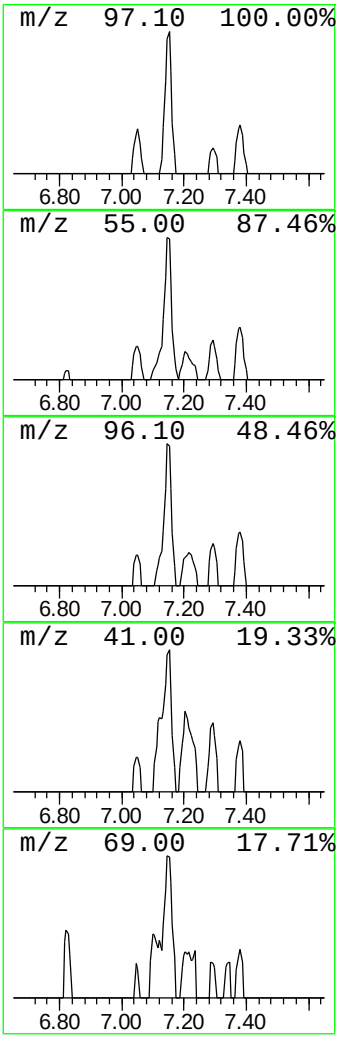
****

Peak Number 3 (DEL) Alkane: Cyclic7.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	6.98 ng/ul	38595	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
2	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	86
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	86
4	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	80
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	80





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

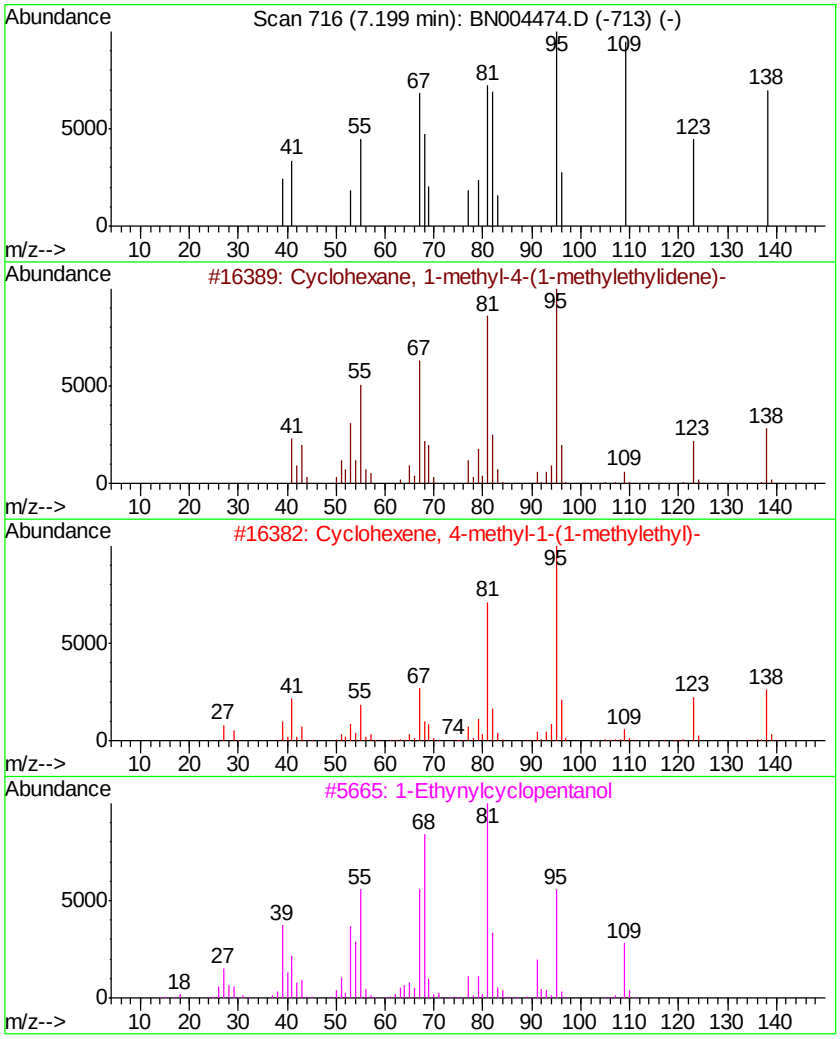
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

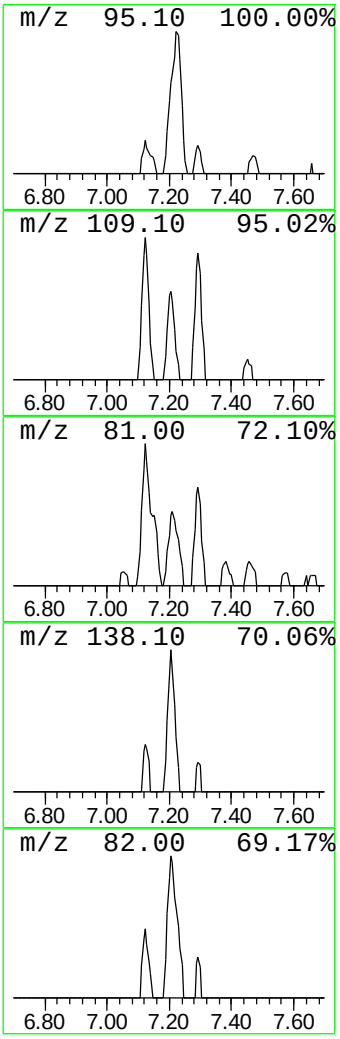
****

Peak Number 4 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	8.89 ng/ul	49155	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-27-2	62
2	Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	58
3	1-Ethynylcyclopentanol	110	C7H10O	017356-19-3	53
4	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001879-07-8	53
5	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	53





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

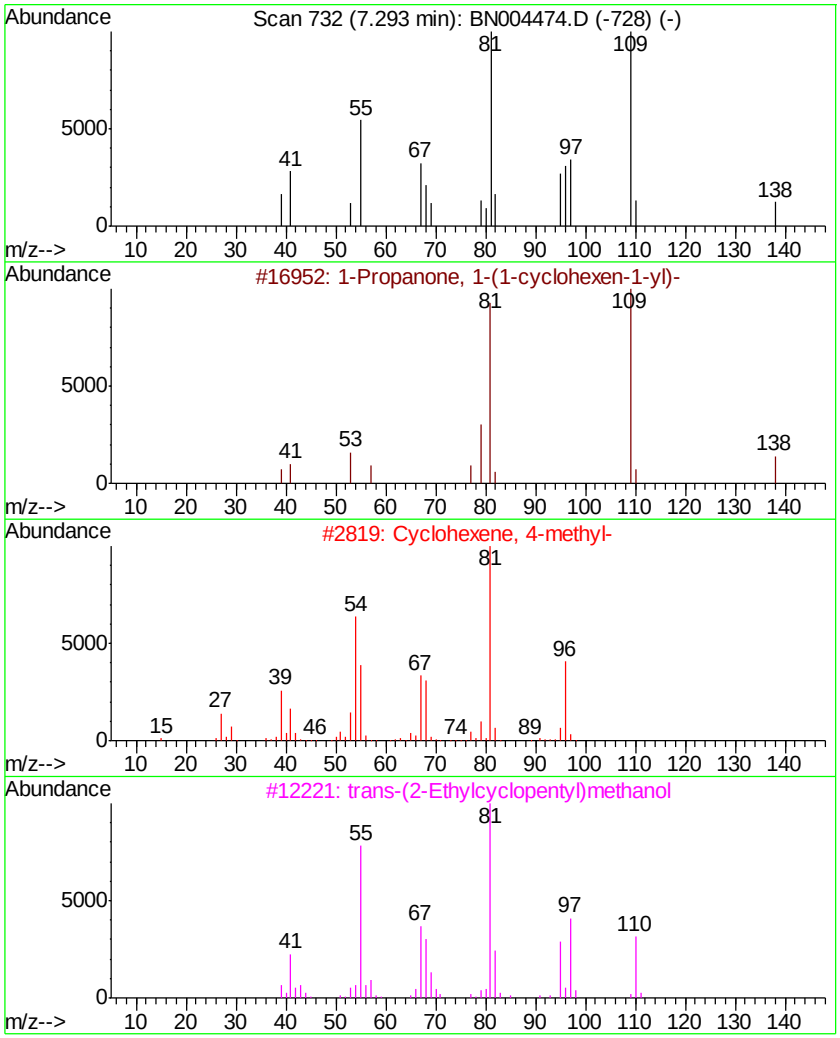
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

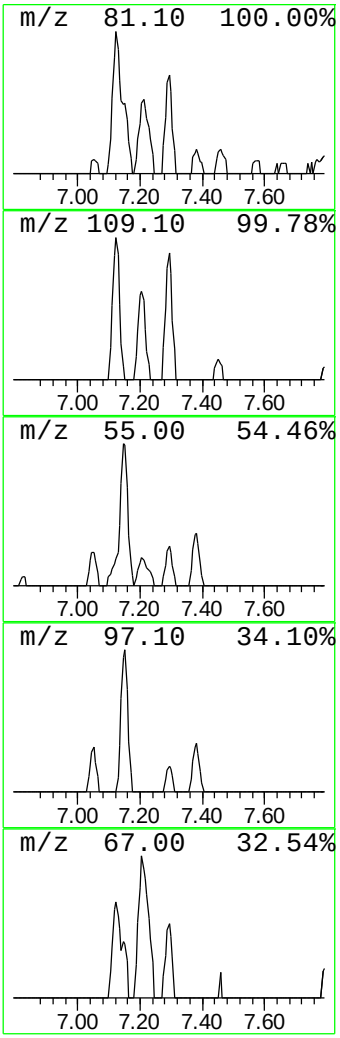
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	4.20 ng/ul	23207	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanone, 1-(1-cyclohexen-1-yl)-	138	C9H14O	001655-03-4	47
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	43
3	trans-(2-Ethylcyclopentyl)methanol	128	C8H16O	036258-08-9	43
4	Cyclohexene,3-butyl-	138	C10H18	003983-07-1	43
5	Pentalene, octahydro-2,5-dimethyl-	138	C10H18	028588-55-8	38





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Instrument : BNA_N
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Quant Title : SVOA CALIBRATION

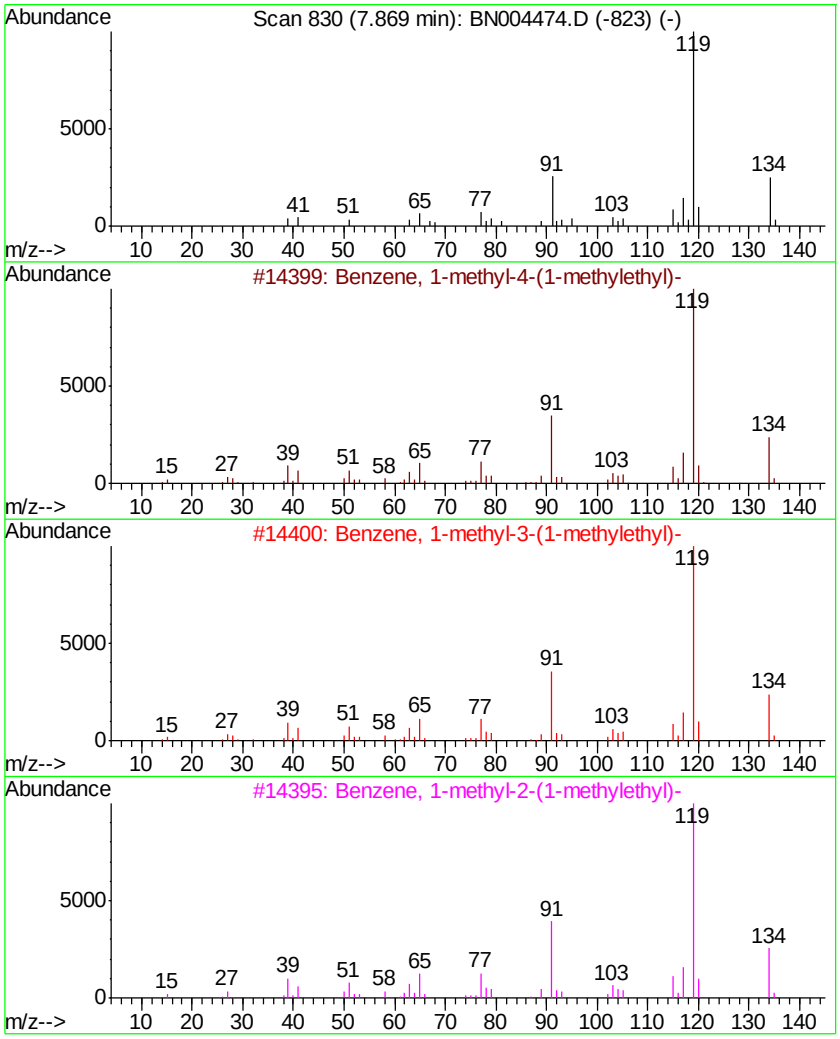
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

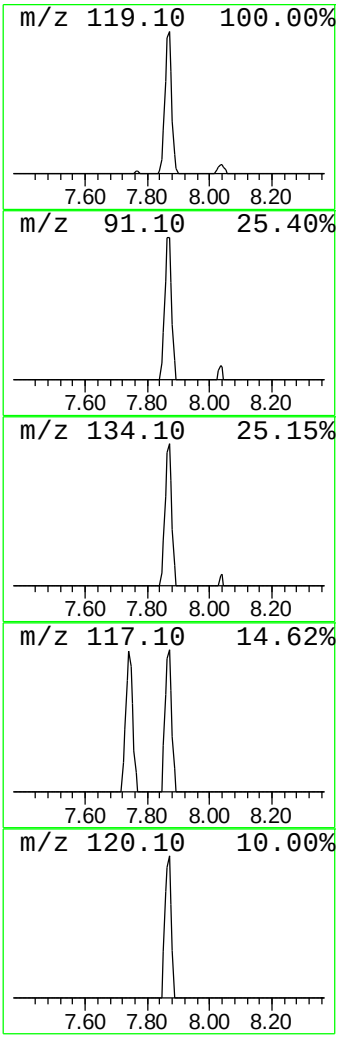
****

Peak Number 7 Benzene, 1-methyl-4-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	12.12 ng/ul	67028	1,4-Dichlorobenzene-d4	7.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	94
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022219\
Data File : BN004474.D
Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

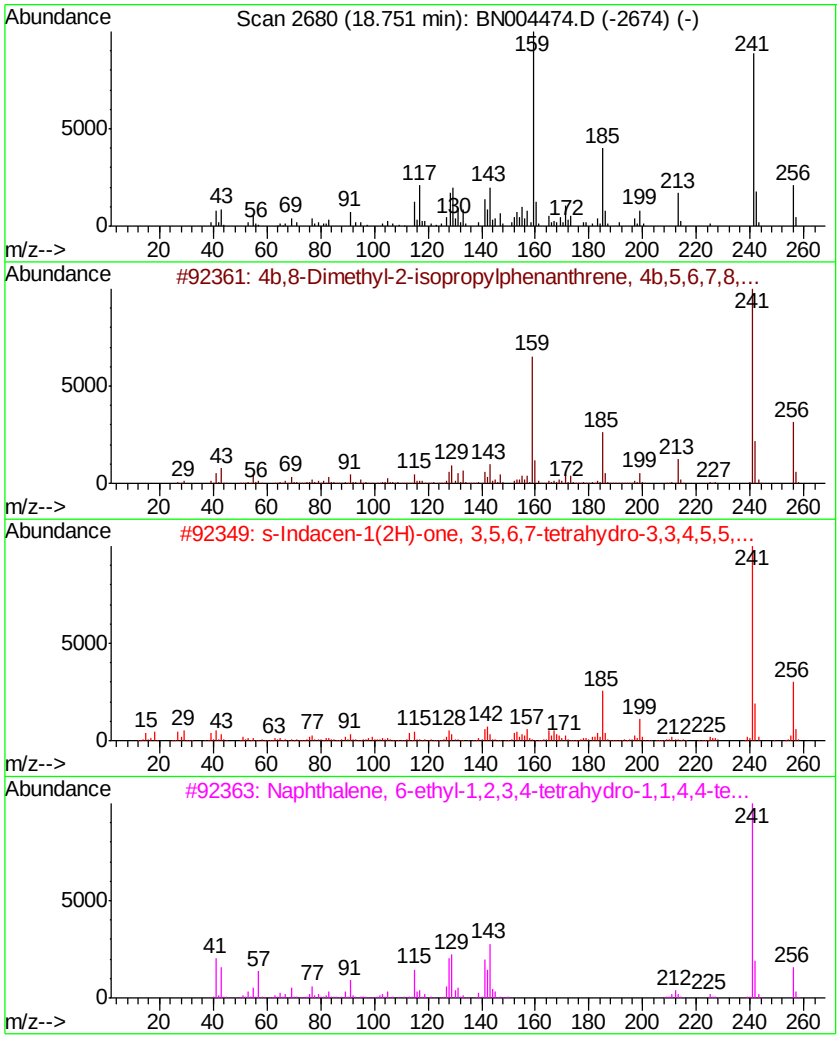
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

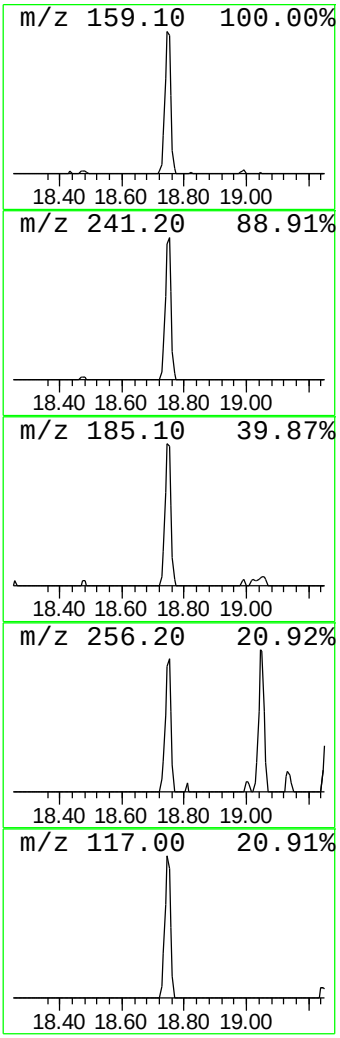
****

Peak Number 8 4b,8-Dimethyl-2-isopropylph... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	8.62 ng/ul	223980	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	96
2	s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	80
3	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	38
4	Phenol, 4,4'-(1-methylethylidene...	256	C17H20O2	000079-97-0	30
5	Benzene, 1,1'-(1-methylethyliden...	256	C17H20O2	001568-83-8	25





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Sample : K1491-17
Misc :
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Instrument : BNA_N
ClientSampleId : CB5A3

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Quant Title : SVOA CALIBRATION

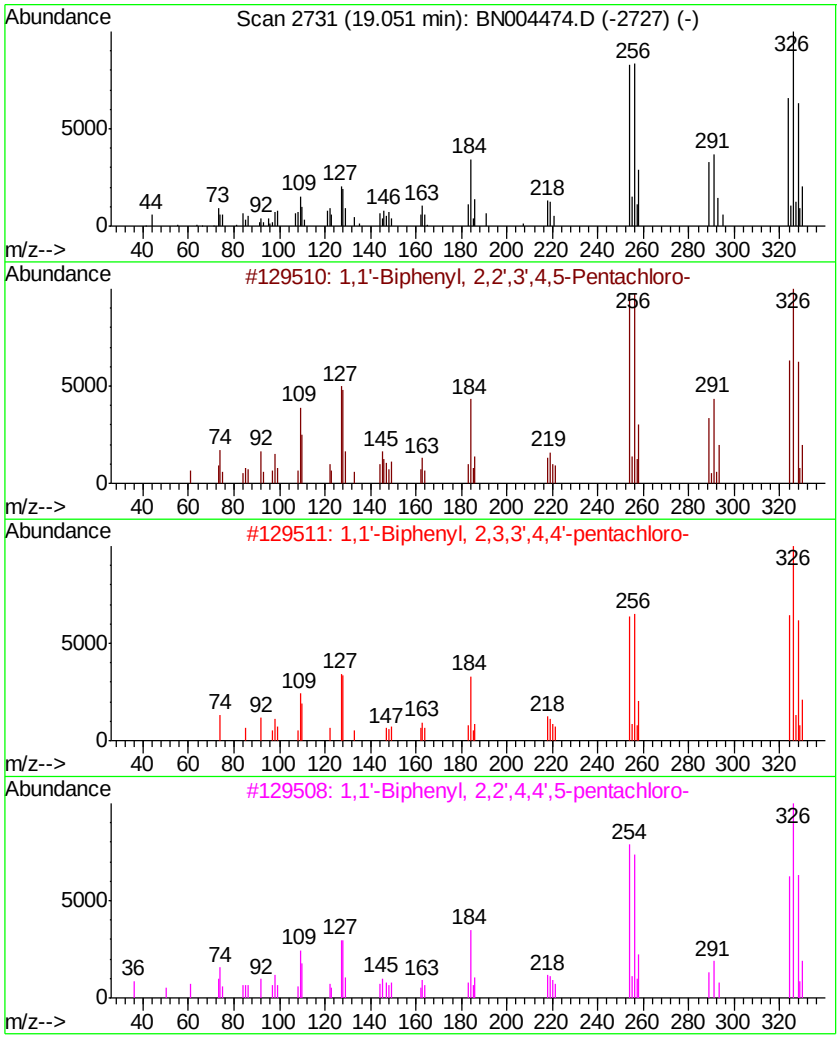
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

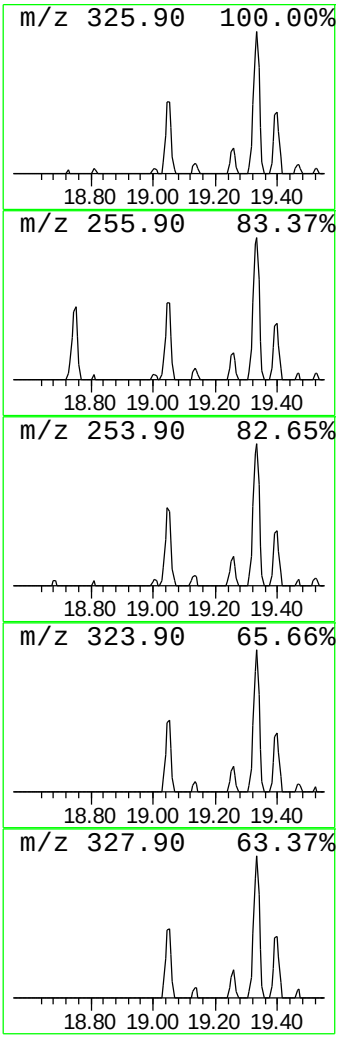
****

Peak Number 9 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	4.15 ng/ul	107865	Phenanthrene-d10	17.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
2	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	98
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98





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Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

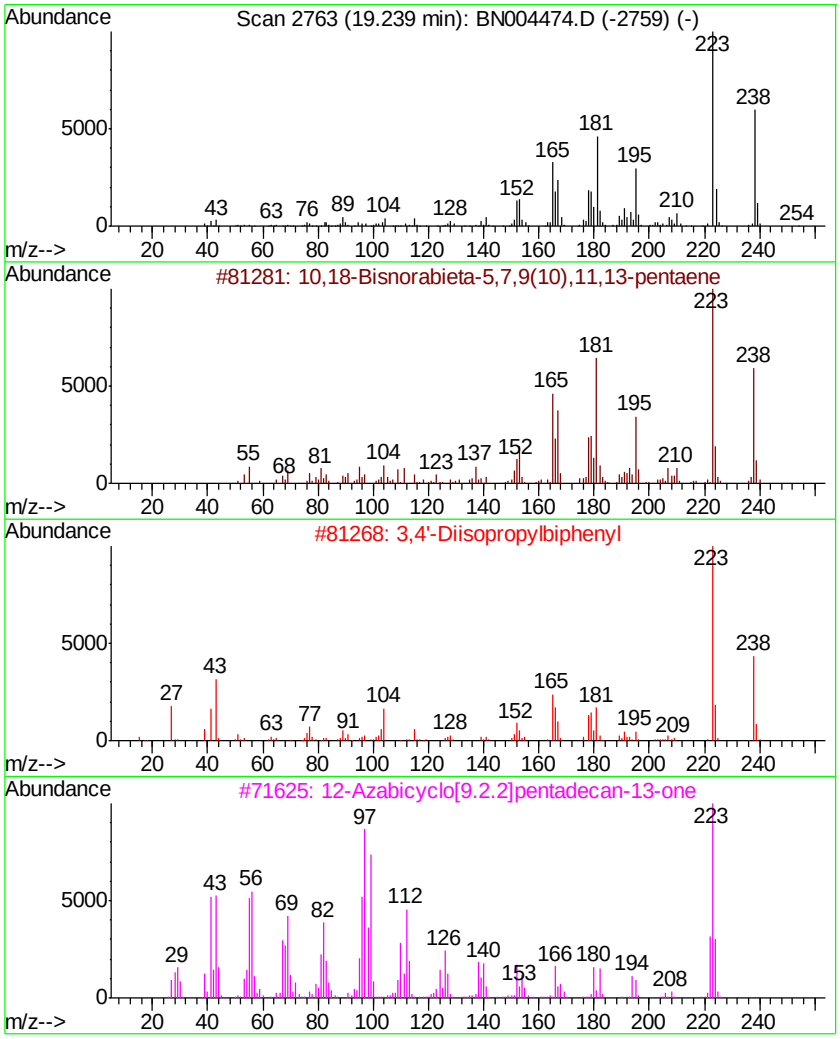
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

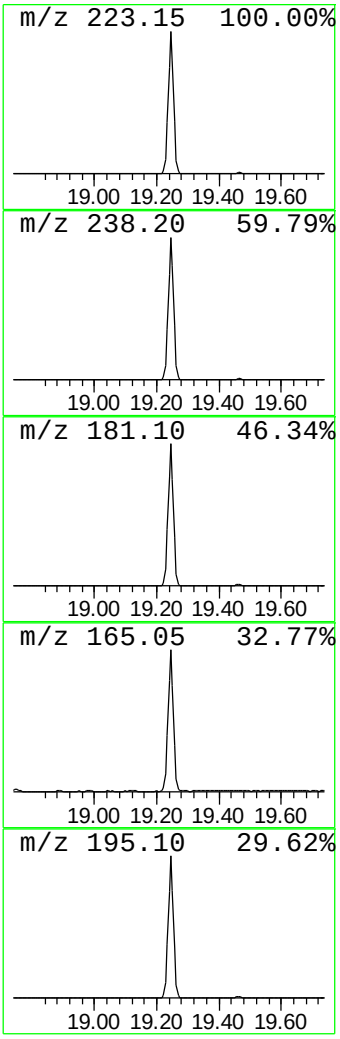
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	35.65 ng/ul	1697720	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	86
3	12-Azabicyclo[9.2.2]pentadecan-1...	223	C14H25NO	1000191-26-7	74
4	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	60
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	52





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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

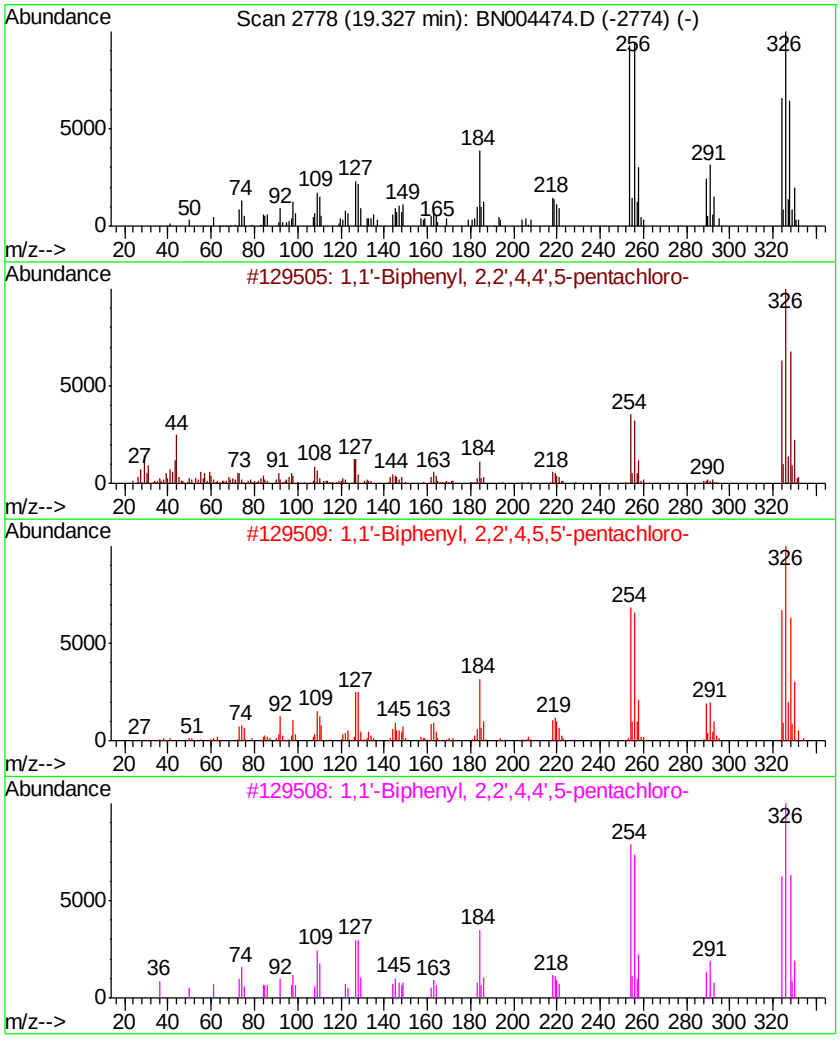
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

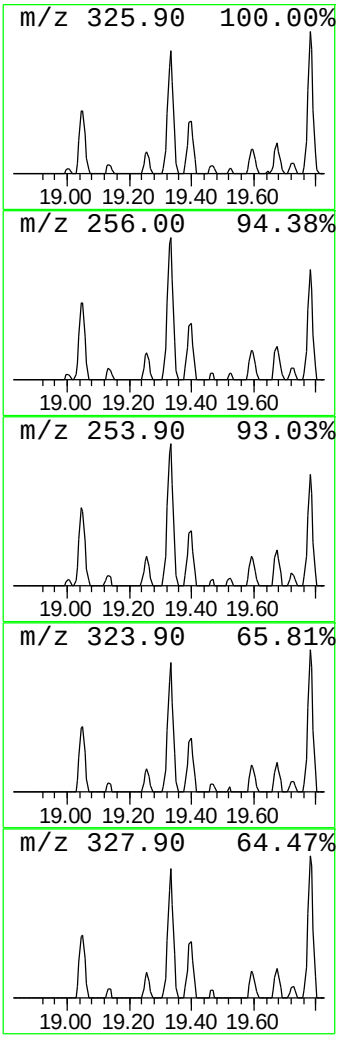
****

Peak Number 11 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	3.35 ng/ul	159365	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

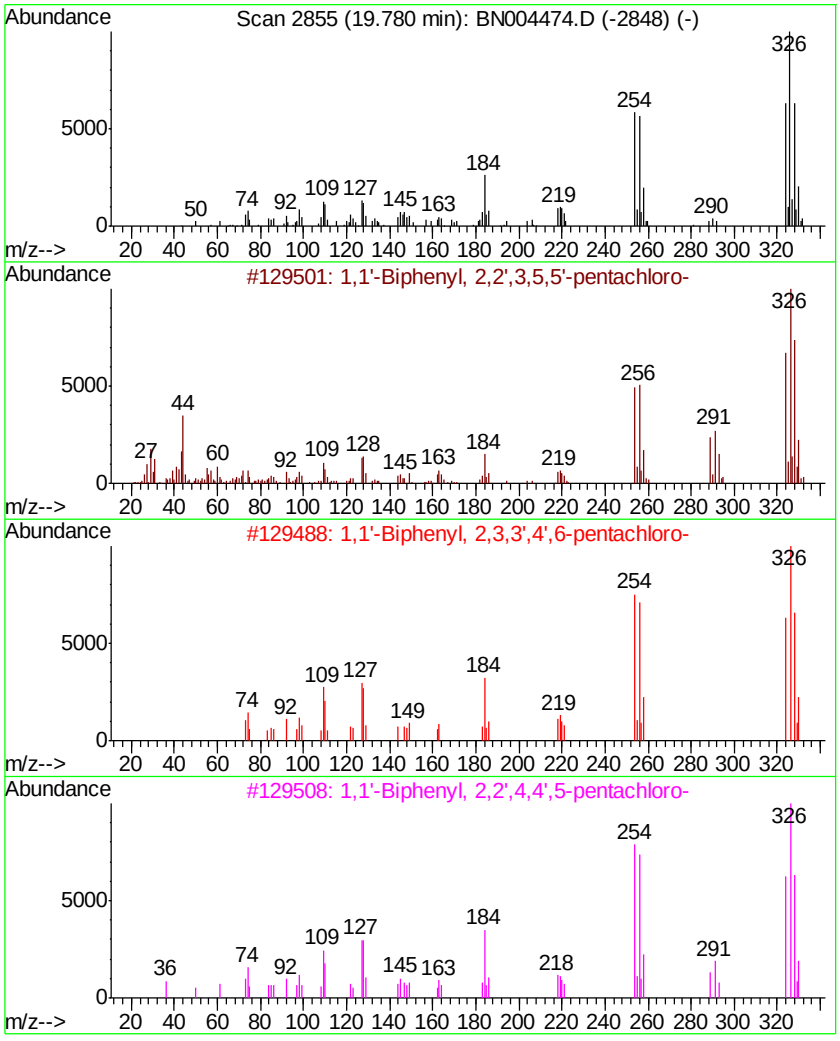
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

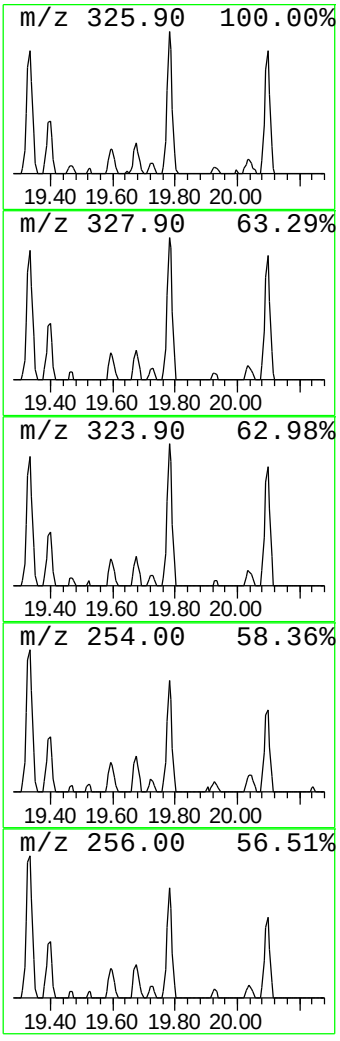
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.78	3.05 ng/ul	145322	Chrysene-d12	21.33

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99





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Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

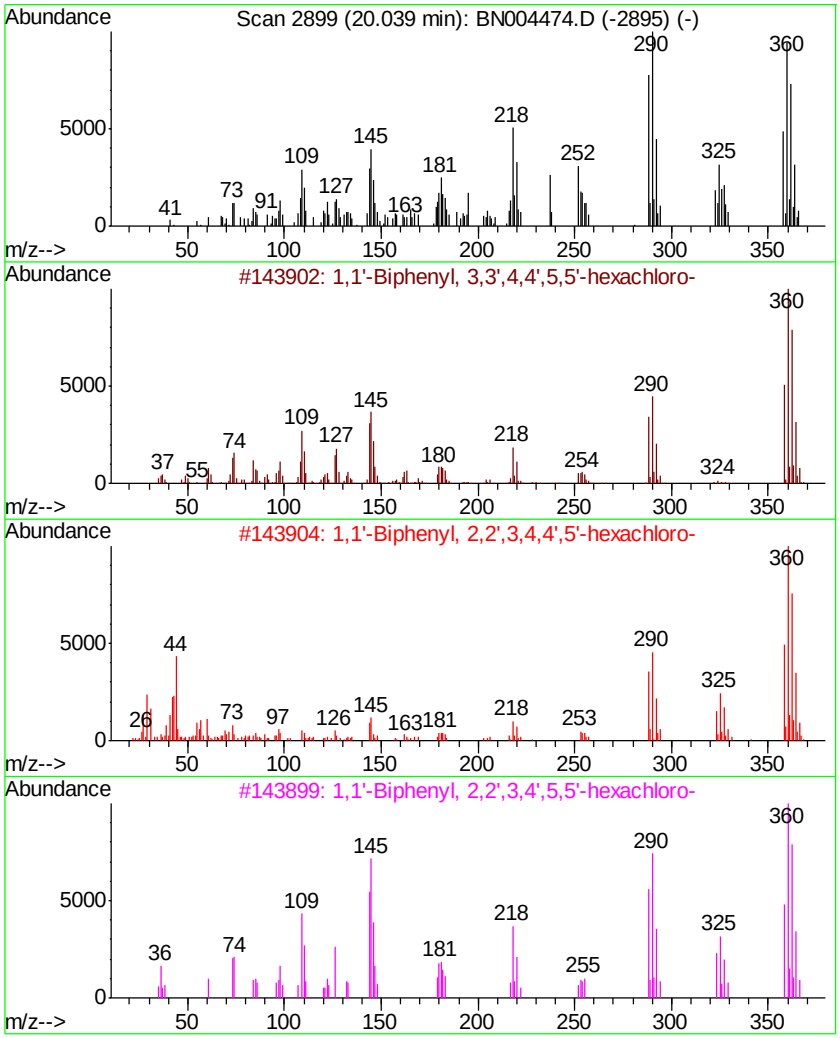
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

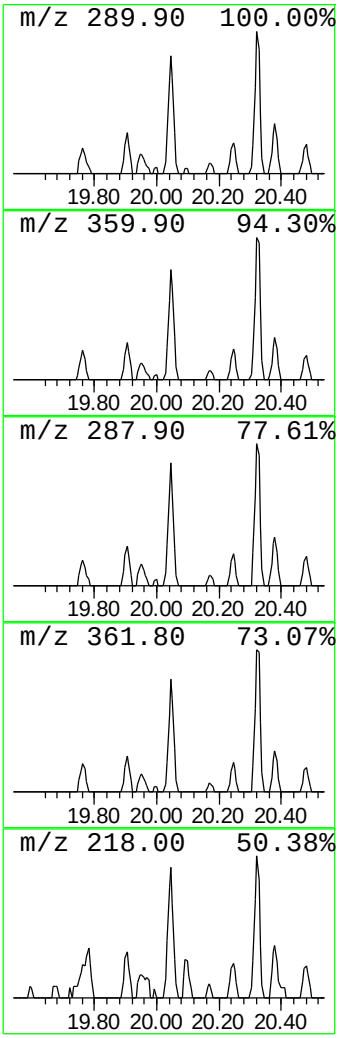
****

Peak Number 13 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.94 ng/ul	187618	Chrysene-d12	21.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022219\
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Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

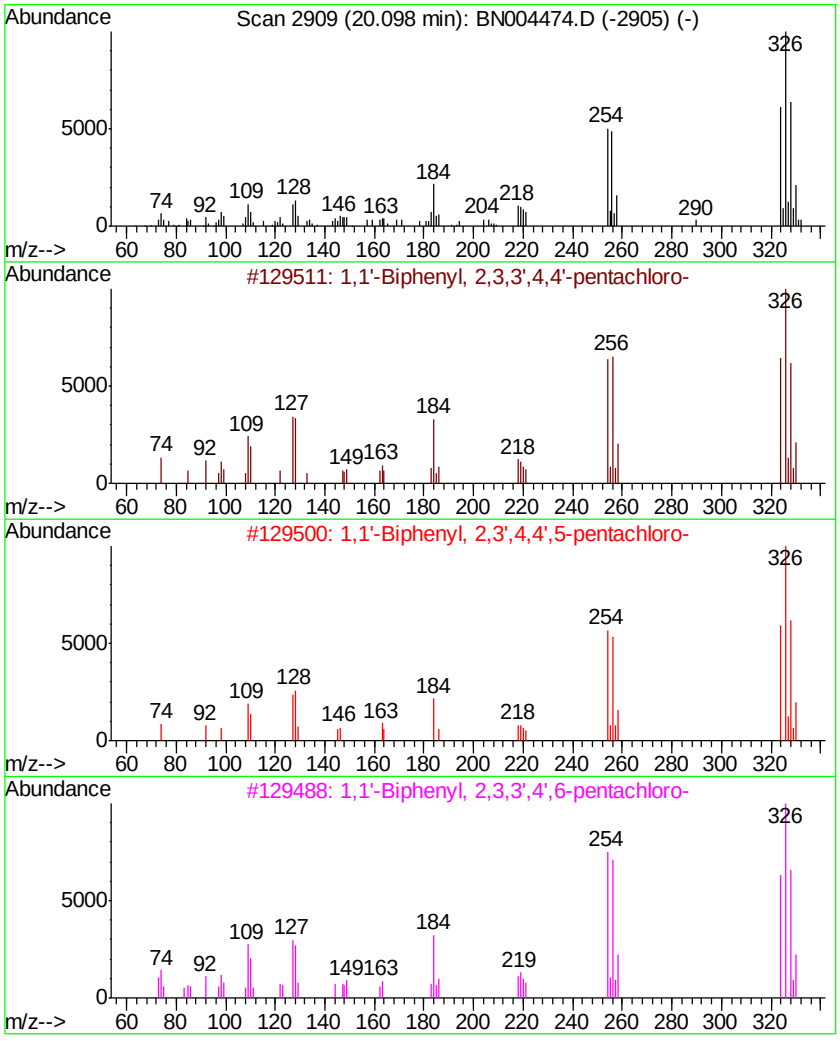
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

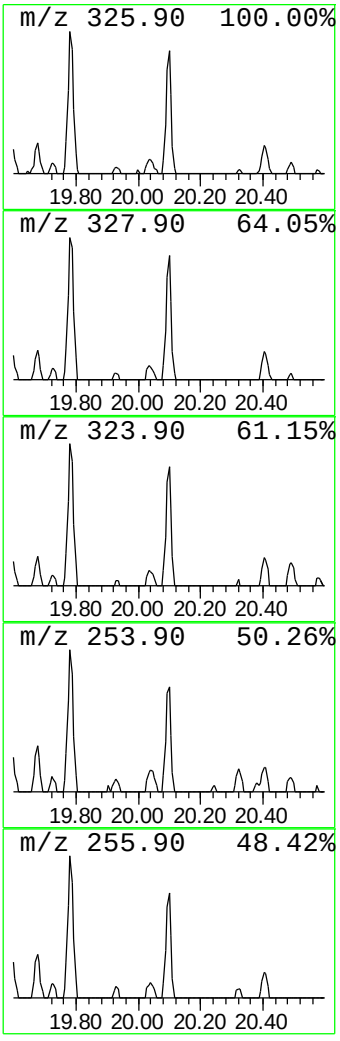
****

Peak Number 14 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.05 ng/ul	97557	Chrysene-d12	21.33

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	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	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98





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Data File : BN004474.D
Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

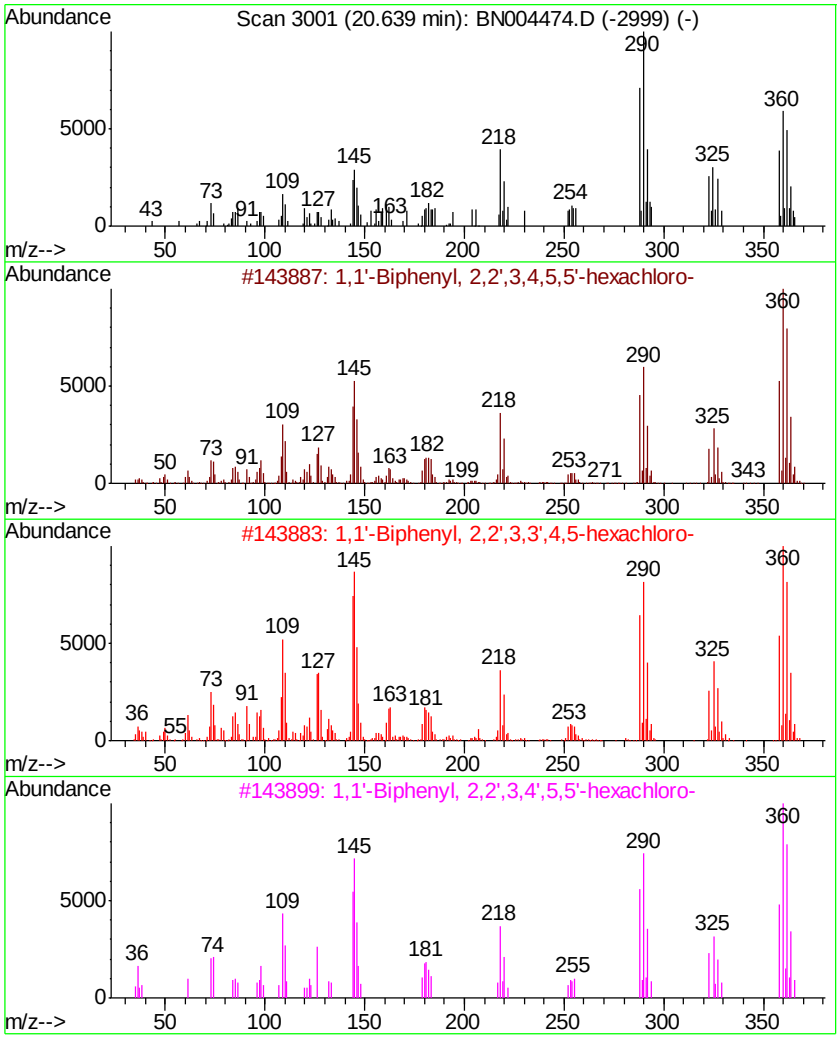
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

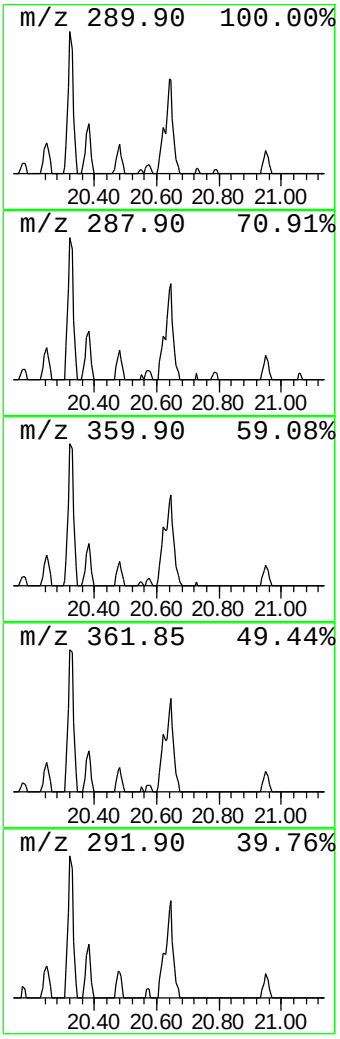
****

Peak Number 16 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.64	2.53 ng/ul	120314	Chrysene-d12	21.33

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',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	99
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	98





Library Search Compound Report

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Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION

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

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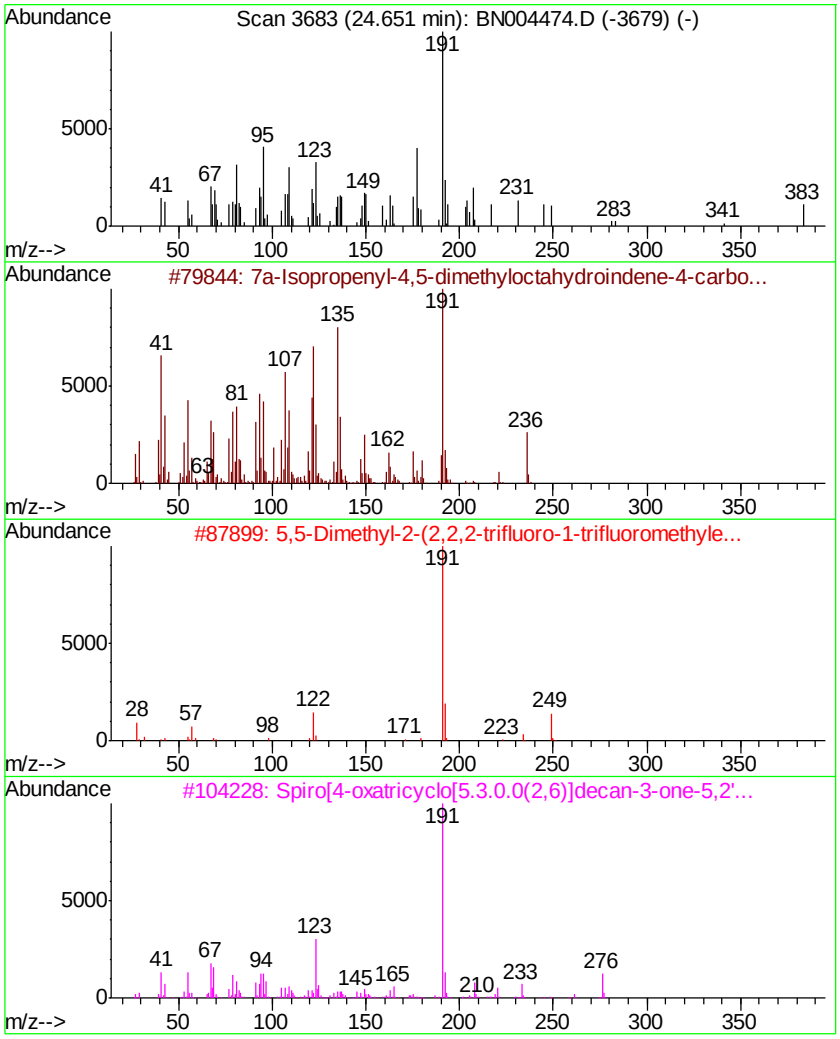
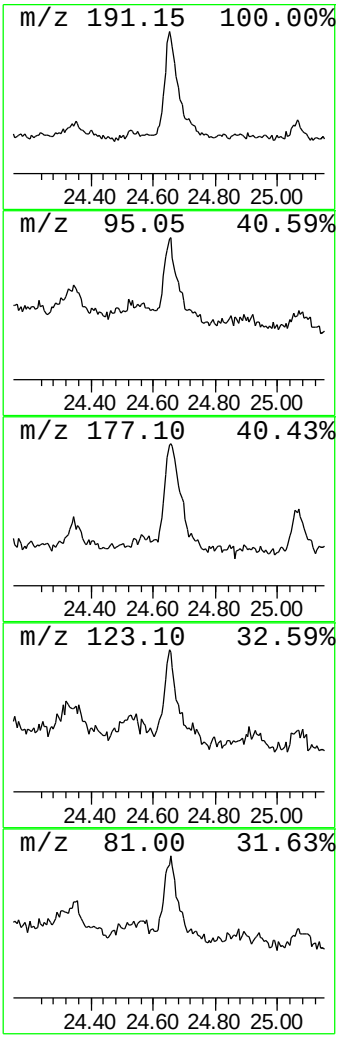
Peak Number 17 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.65	2.82 ng/ul	140259	Perylene-d12	23.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7a-Isopropenyl-4,5-dimethyloctah...	236	C15H24O2	1000192-14-7	37
2	5,5-Dimethyl-2-(2,2,2-trifluoro-...	249	C8H9F6NO	020967-43-5	27
3	Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	25
4	2,4,7-Pteridinetriamine, 6-methyl-	191	C7H9N7	017539-50-3	25
5	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	22





Tentatively Identified Compound (LSC) summary

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Data File : BN004474.D
Acq On : 22 Feb 2019 11:02
Operator : JU/SJ
Sample : K1491-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5A3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.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...	3.16	4.8	ng/ul	26526	1	7.74	110641	20.0
Cyclohexanol, 4-s...	7.12	5.8	ng/ul	32004	1	7.74	110641	20.0
(DEL) Alkane: Cyc...	7.15	7.0	ng/ul	38595	1	7.74	110641	20.0
Cyclohexane, 1-me...	7.20	8.9	ng/ul	49155	1	7.74	110641	20.0
unknown-01	7.29	4.2	ng/ul	23207	1	7.74	110641	20.0
Benzene, 1-methyl...	7.87	12.1	ng/ul	67028	1	7.74	110641	20.0
4b,8-Dimethyl-2-i...	18.75	8.6	ng/ul	223980	4	17.13	519446	20.0
1,1'-Biphenyl, 2,...	19.05	4.2	ng/ul	107865	4	17.13	519446	20.0
10,18-Bisnorabiet...	19.24	35.6	ng/ul	1697720	5	21.33	952468	20.0
1,1'-Biphenyl, 2,...	19.33	3.4	ng/ul	159365	5	21.33	952468	20.0
1,1'-Biphenyl, 2,...	19.78	3.0	ng/ul	145322	5	21.33	952468	20.0
1,1'-Biphenyl, 3,...	20.04	3.9	ng/ul	187618	5	21.33	952468	20.0
1,1'-Biphenyl, 2,...	20.10	2.0	ng/ul	97557	5	21.33	952468	20.0
1,1'-Biphenyl, 2,...	20.64	2.5	ng/ul	120314	5	21.33	952468	20.0
unknown-02	24.65	2.8	ng/ul	140259	6	23.60	995972	20.0