LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN121218MA.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	3.193	31	35	41	rVB	91906	97347	9.31%	1.331%
2	5.322	392	397	402	rBB	20749	26024	2.49%	0.356%
3	7.816	815	821	830	rBB	109912	165877	15.86%	2.267%
4	10.610	1290	1296	1302	rBV	150259	253360	24.22%	3.463%
5	14.457	1944	1950	1958	rBV2	262141	394403	37.71%	5.391%
6	14.522	1958	1961	1966	rVB	11802	15878	1.52%	0.217%
7	14.857	2014	2018	2025	rBB	7347	11436	1.09%	0.156%
8	15.510	2124	2129	2135	rBB	15640	22276	2.13%	0.305%
9	16.198	2242	2246	2250	rBB	9688	11354	1.09%	0.155%
10	16.798	2340	2348	2354	rVB	33168	44564	4.26%	0.609%
11	17.028	2383	2387	2392	rVB	8149	10612	1.01%	0.145%
12	17.204	2411	2417	2421	rBV2	374676	536832	51.33%	7.338%
13	17.245	2421	2424	2436	rVV	270732	383422	36.66%	5.241%
14	17.339	2436	2440	2445	rVB	15734	20143	1.93%	0.275%
15	18.075	2561	2565	2570	rBV	25813	35257	3.37%	0.482%
16	18.128	2570	2574	2580	rVB	33614	46786	4.47%	0.640%
17	18.275	2593	2599	2603	rBV2	33906	62294	5.96%	0.852%
18	18.310	2603	2605	2610	rVB	18646	21710	2.08%	0.297%
19	18.580	2647	2651	2657	rVB	18813	24798	2.37%	0.339%
20	18.992	2716	2721	2726	rBV2	11971	17112	1.64%	0.234%
21	19.110	2739	2741	2748	rVB2	10086	13059	1.25%	0.179%
22	19.263	2761	2767	2774	rBV	434895	557226	53.28%	7.617%
23	19.392	2786	2789	2795	rVB	19029	20041	1.92%	0.274%
24	19.510	2804	2809	2816	rBV2	7168	11911	1.14%	0.163%
25	19.592	2816	2823	2825	rVV2	57068	79975	7.65%	1.093%
26	19.627	2825	2829	2836	rVV	273809	360878	34.50%	4.933%
27	19.698	2836	2841	2845	rVB	16334	21673	2.07%	0.296%
28	19.810	2854	2860	2863	rBV	18552	27880	2.67%	0.381%
29	19.957	2880	2885	2891	rBV	31226	46433	4.44%	0.635%
30	20.098	2901	2909	2917	rBV3	69521	145911	13.95%	1.995%
31	20.222	2925	2930	2934	rBV	23534	31811	3.04%	0.435%
32	20.275	2934	2939	2943	rVV2	13637	32435	3.10%	0.443%
33	20.316	2944	2946	2950	rVV	11147	12033	1.15%	0.164%
34	20.375	2950	2956	2961	rVV2	66061	80174	7.67%	1.096%

LSC Area Percent Report

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Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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-BN121218MA.M
Title : SVOA CALIBRATION

35	20.433	2961	2966	2969	rBV2	14669	23943	2.29%	0.327%
36	20.469	2969	2972	2975	rVB2	10481	12015	1.15%	0.164%
37	20.533	2980	2983	2989	rBV3	15635	20679	1.98%	0.283%
38	20.674	3003	3007	3008	rBV2	19194	18902	1.81%	0.258%
39	20.698	3008	3011	3016	rVV3	46248	58710	5.61%	0.803%
40	20.745	3016	3019	3028	rVB5	7582	12034	1.15%	0.164%
41	20.839	3030	3035	3038	rBV3	23909	28762	2.75%	0.393%
42	21.039	3065	3069	3072	rBV	25968	33727	3.22%	0.461%
43	21.074	3072	3075	3079	rVV2	46265	58499	5.59%	0.800%
44	21.116	3079	3082	3086	rVV	46159	50732	4.85%	0.693%
45	21.169	3086	3091	3095	rVB3	9491	14425	1.38%	0.197%
46	21.280	3104	3110	3115	rBV2	7534	12054	1.15%	0.165%
47	21.392	3120	3129	3133	rBV2	628939	1045881	100.00%	14.297%
48	21.427	3133	3135	3144	rVV	188930	266600	25.49%	3.644%
49	21.510	3145	3149	3152	rVV2	55327	68325	6.53%	0.934%
50	21.545	3152	3155	3159	rVV	201662	227992	21.80%	3.117%
51	21.598	3159	3164	3168	rVV	270532	318046	30.41%	4.348%
52	21.645	3168	3172	3174	rVV	83333	109967	10.51%	1.503%
53	21.669	3174	3176	3181	rVB	91504	105798	10.12%	1.446%
54	21.721	3181	3185	3189	rBV2	21180	25132	2.40%	0.344%
55	21.951	3218	3224	3228	rVV	25306	41807	4.00%	0.571%
56	22.004	3230	3233	3239	rVB	15215	20615	1.97%	0.282%
57	22.074	3241	3245	3248	rBV2	9937	15578	1.49%	0.213%
58	22.116	3248	3252	3256	rVB	30742	37602	3.60%	0.514%
59	22.157	3256	3259	3263	rBV2	12263	19356	1.85%	0.265%
60	23.010	3398	3404	3409	rBV	110583	244602	23.39%	3.344%
61	23.186	3431	3434	3440	rVB	7686	11628	1.11%	0.159%
62	23.510	3483	3489	3496	rVB	52194	98230	9.39%	1.343%
63	23.715	3516	3524	3533	rBV2	325848	629888	60.23%	8.610%
64	26.074	3919	3925	3935	rVB	15538	41055	3.93%	0.561%

Sum of corrected areas: 7315509

LSC Report - Integrated Chromatogram

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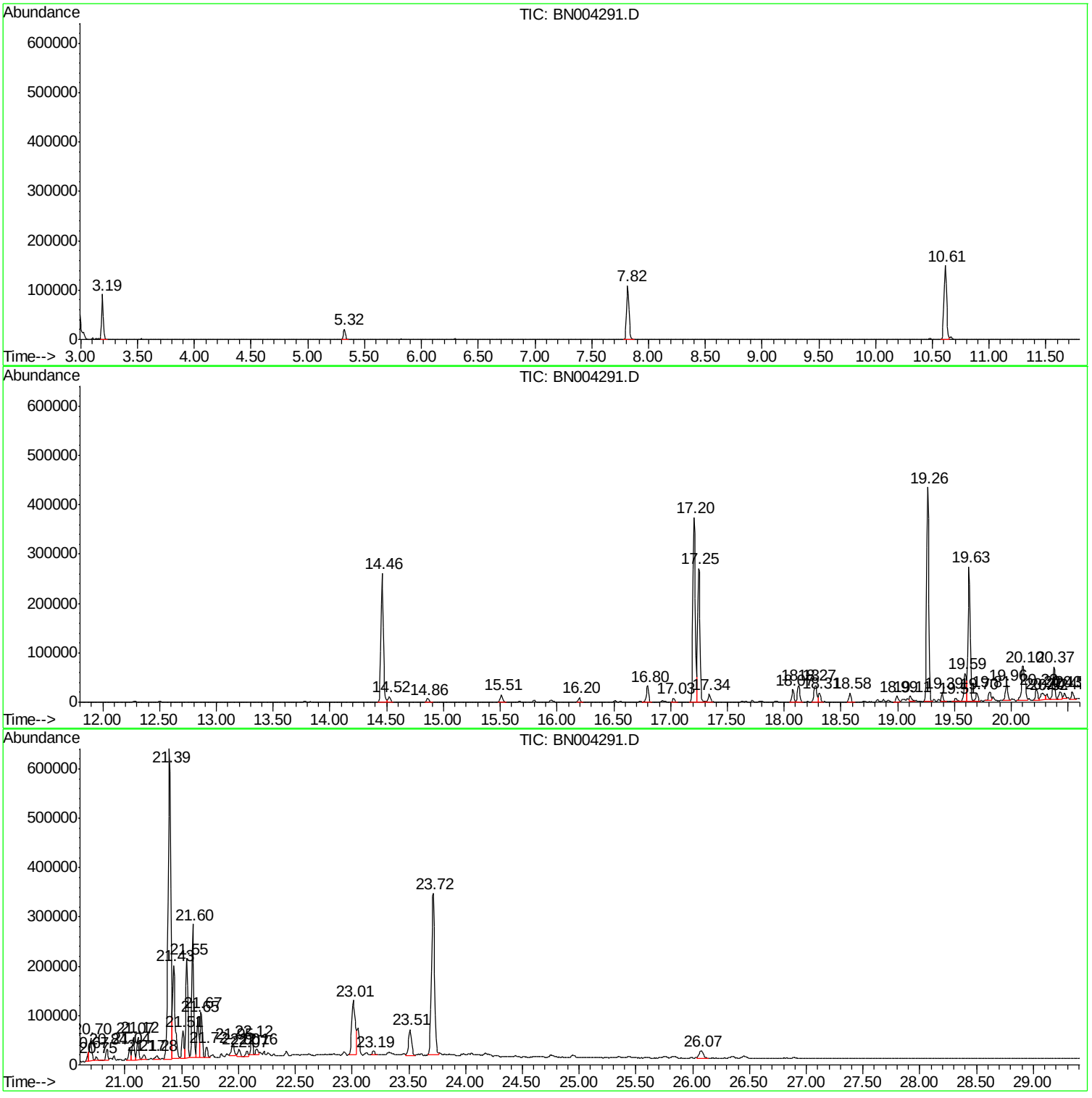
Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
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Misc : GCMS Confirmation
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Instrument : BNA_N
ClientSampleId : A41W8

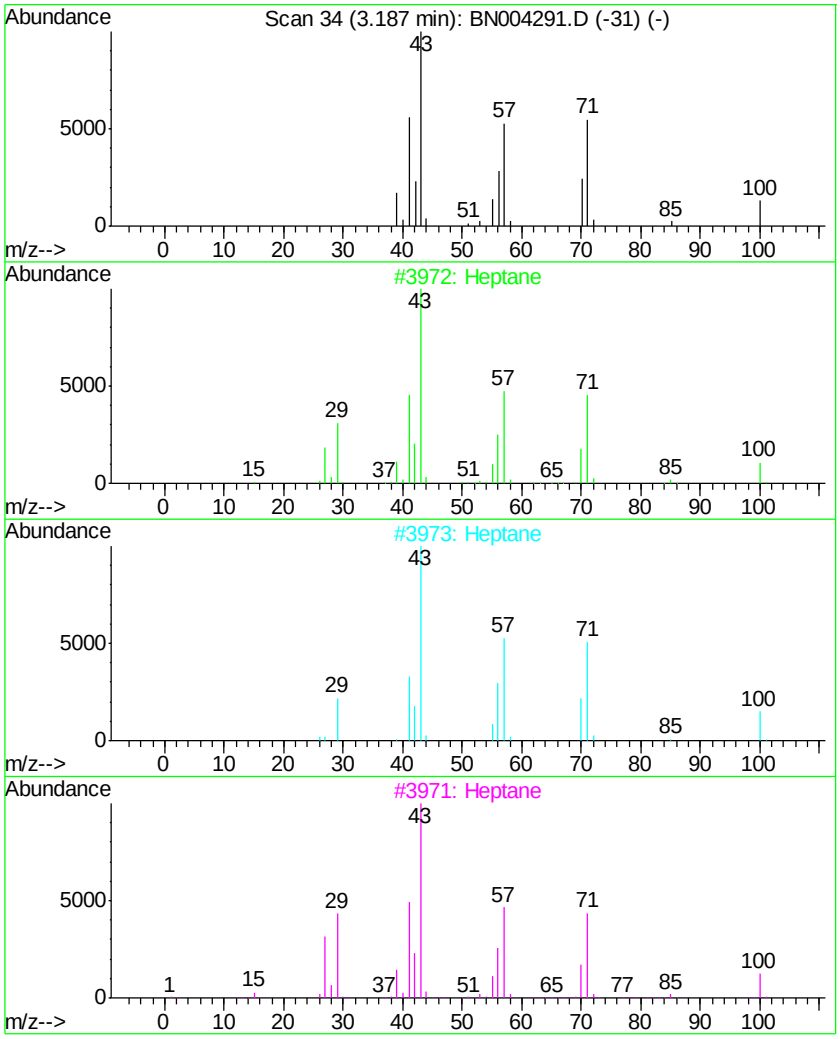
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

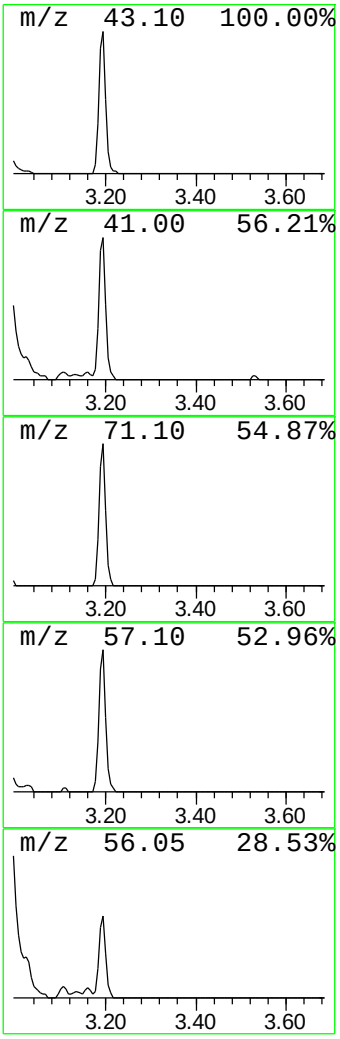
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	11.74 ng/ul	97347	1,4-Dichlorobenzene-d4	7.82

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	87
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
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Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
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Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

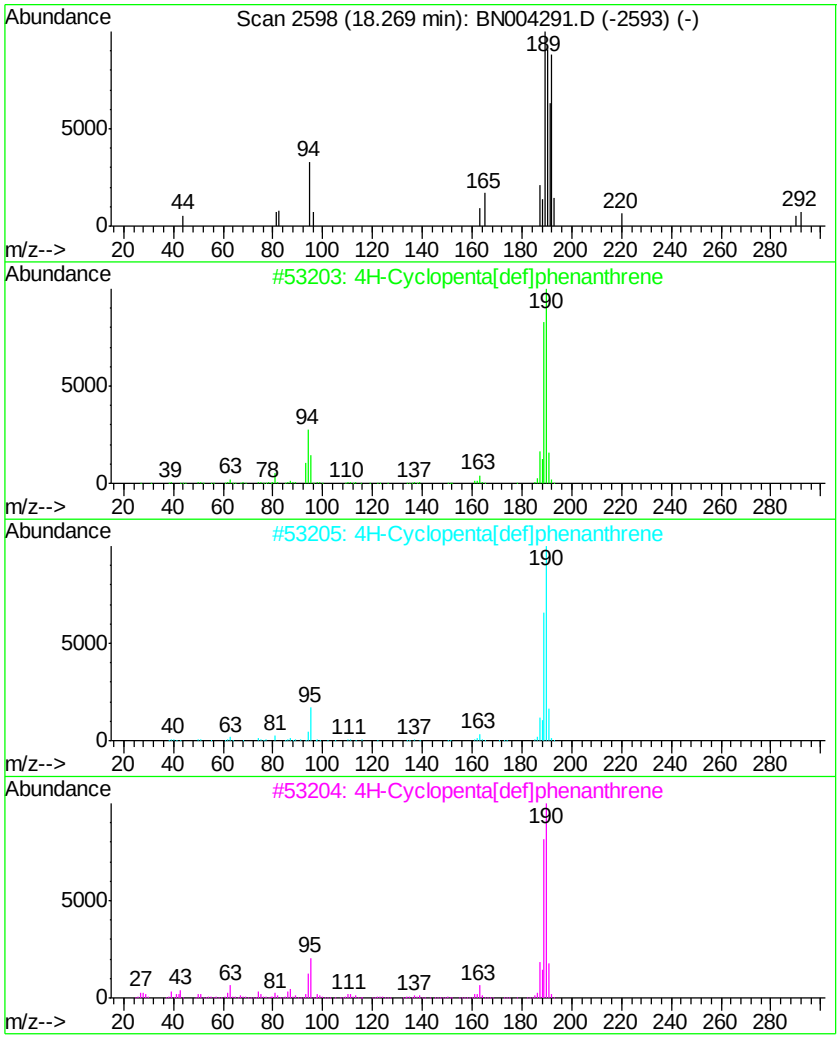
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

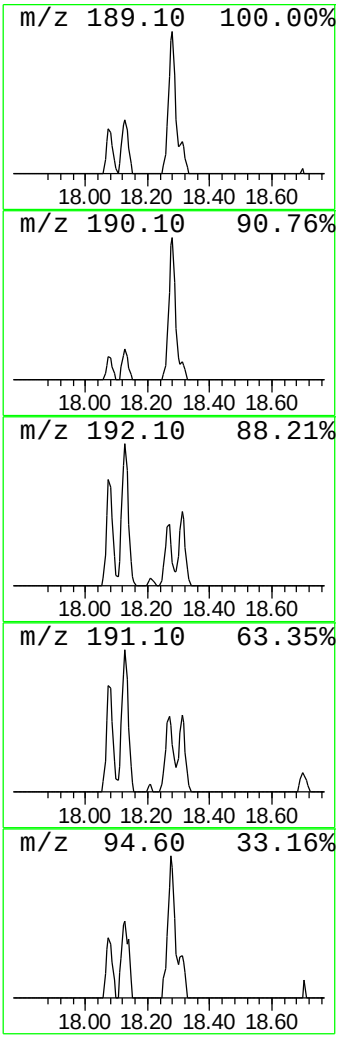
****

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.32 ng/ul	62294	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4	Methyl diselenide	190	C2H6Se2	007101-31-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
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Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
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Misc : GCMS Confirmation
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Instrument : BNA_N
ClientSampleId : A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

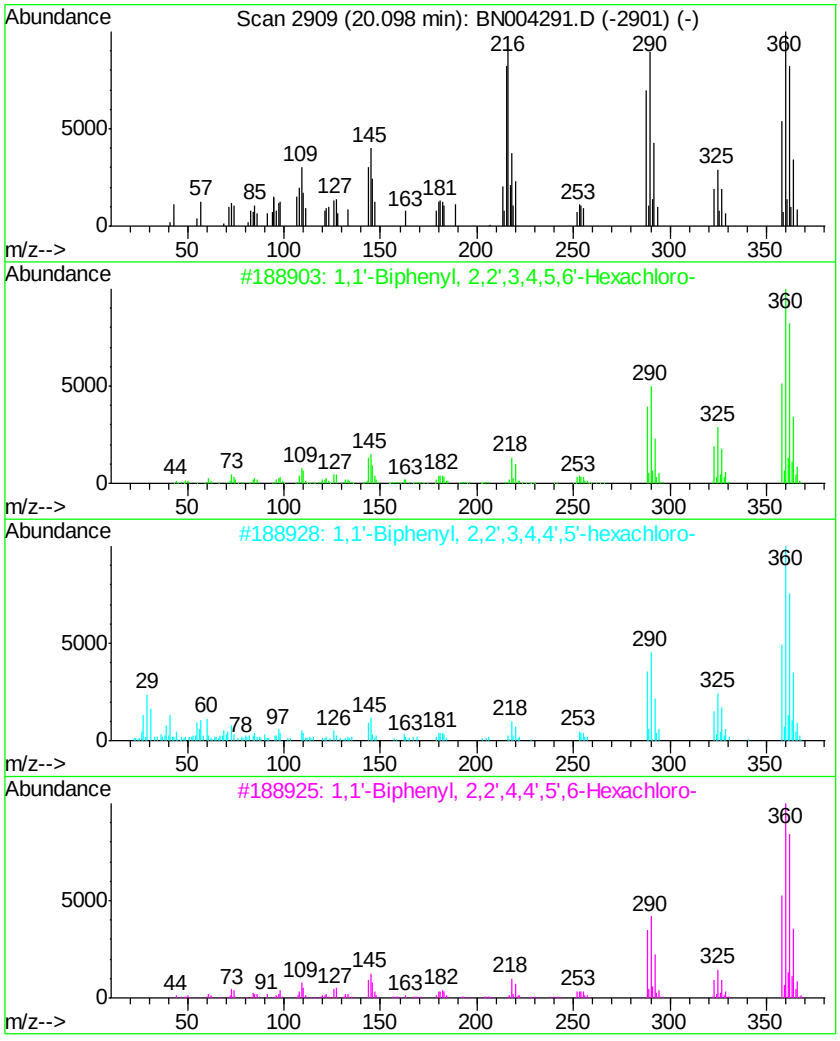
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

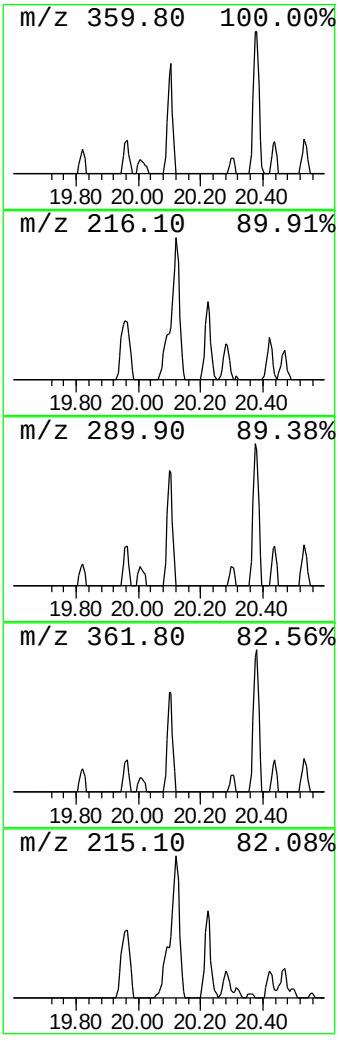
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	2.79 ng/ul	145911	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99
2	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99
3	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99
4	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
5	2,2',3,5,6,6'-Hexachloro-1,1'-bi...	358	C12H4Cl6	068194-09-2	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

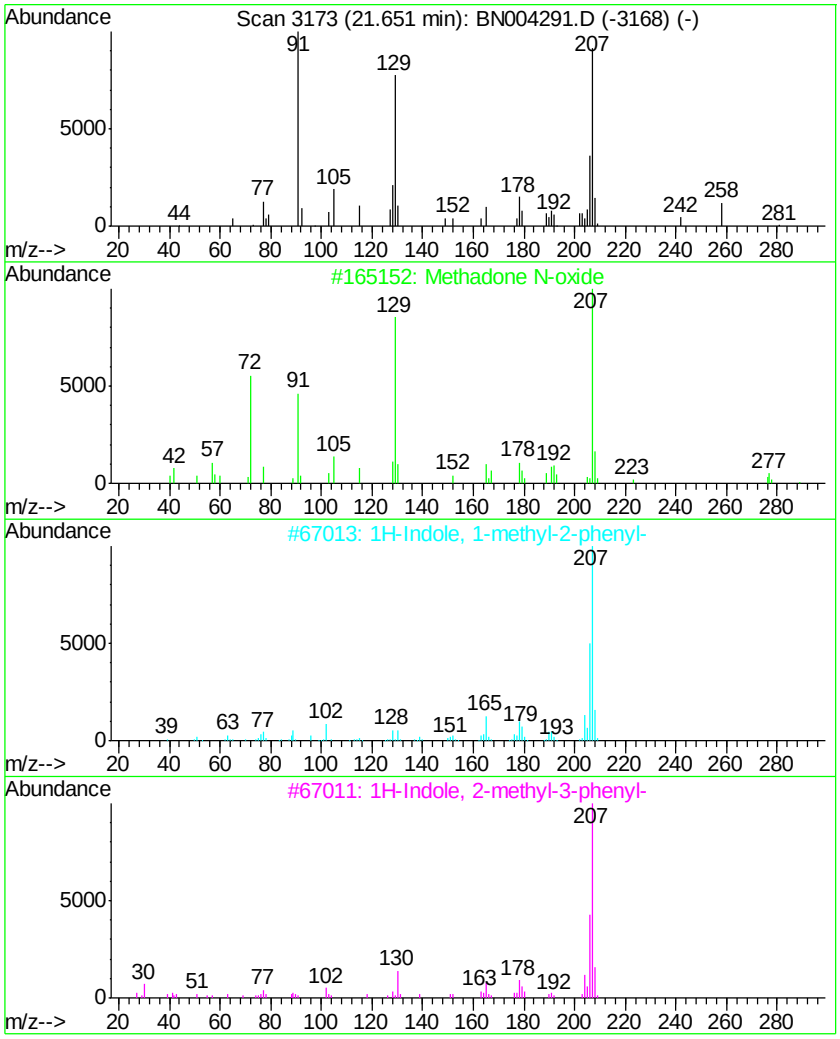
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

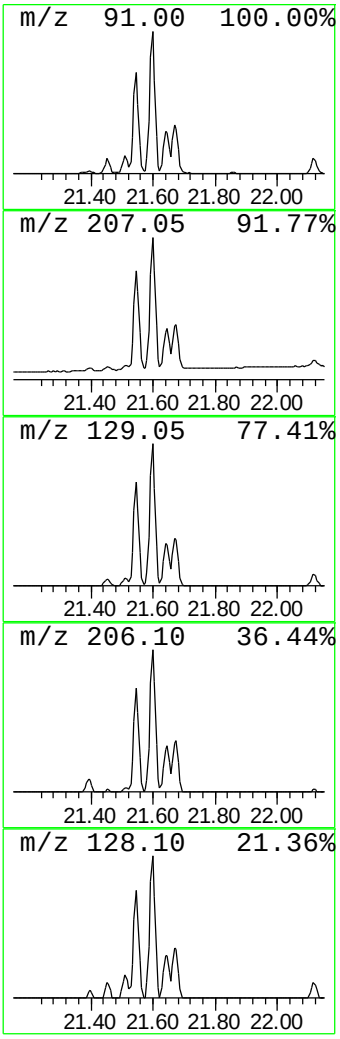
****

Peak Number 7 Methadone N-oxide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.65	2.10 ng/ul	109967	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methadone N-oxide	325	C21H27NO2	1000120-80-7	72
2	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	50
3	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	50
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	46
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	42





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Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

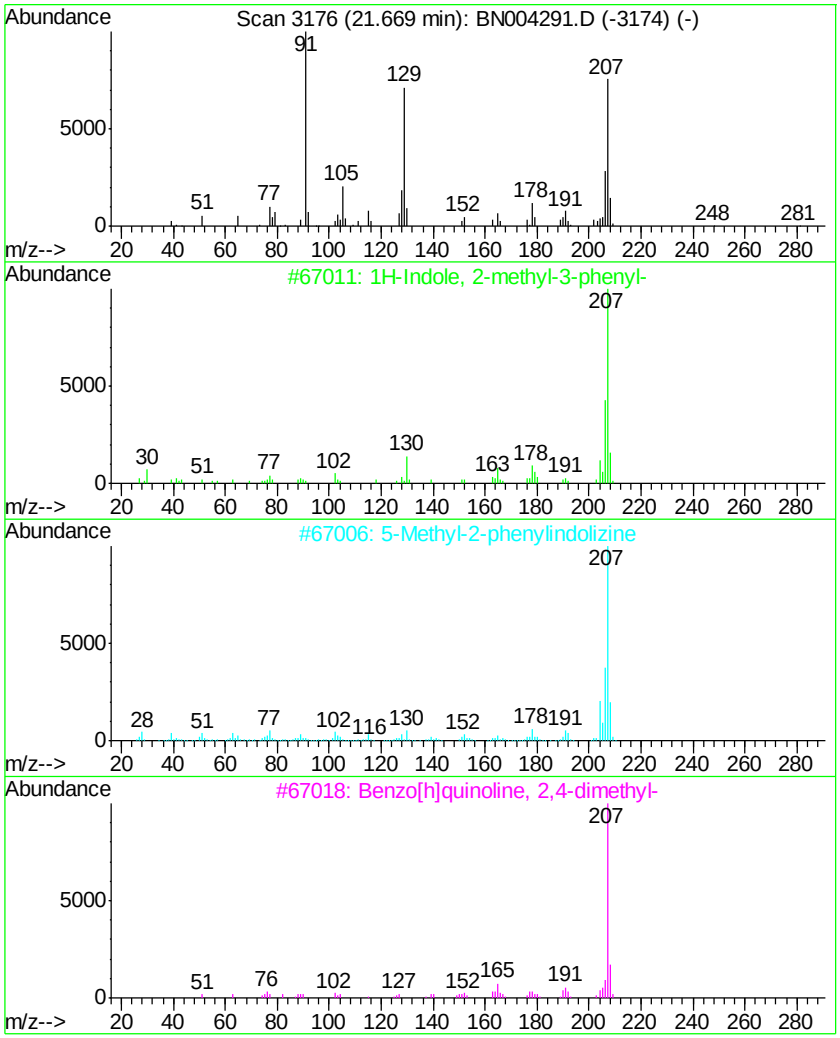
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

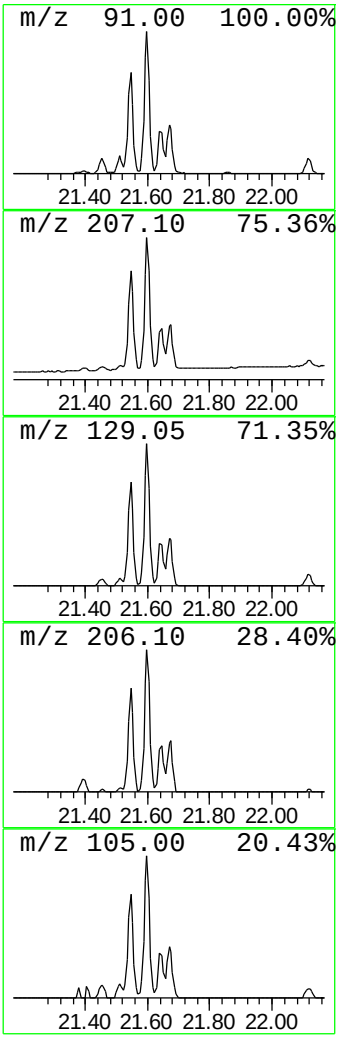
****

Peak Number 8 1H-Indole, 2-methyl-3-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.67	2.02 ng/ul	105798	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 2-methyl-3-phenyl-	207	C15H13N	004757-69-1	60
2	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	49
3	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	46
4	2-Ethylacridine	207	C15H13N	055751-83-2	41
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122918\
Data File : BN004291.D
Acq On : 29 Dec 2018 09:07
Operator : JU/SJ
Sample : J6428-15
Misc : GCMS Confirmation
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A41W8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.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...	3.19	11.7	ng/ul	97347	1	7.82	165877	20.0
4H-Cyclopenta[def...	18.27	2.3	ng/ul	62294	4	17.20	536832	20.0
1,1'-Biphenyl, 2,...	20.10	2.8	ng/ul	145911	5	21.39	1045880	20.0
Methadone N-oxide	21.65	2.1	ng/ul	109967	5	21.39	1045880	20.0
1H-Indole, 2-meth...	21.67	2.0	ng/ul	105798	5	21.39	1045880	20.0