LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002314.D
Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

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-BN081318MA.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	5.752	464	470	481	rVB	316778	521059	7.06%	0.849%
2	6.858	651	658	667	rBV	179249	325704	4.42%	0.531%
3	7.022	679	686	699	rBV	661963	1072377	14.54%	1.747%
4	7.217	712	719	730	rBV	694865	1105414	14.99%	1.801%
5	7.681	791	798	805	rBV	695005	1115129	15.12%	1.817%
6	8.381	911	917	928	rBV	540020	914423	12.40%	1.490%
7	8.769	977	983	987	rBV	74528	128503	1.74%	0.209%
8	8.828	987	993	1000	rVV	881254	1463454	19.84%	2.384%
9	9.540	1107	1114	1127	rBV	710020	1238594	16.79%	2.018%
10	9.716	1134	1144	1154	rBV	86640	211406	2.87%	0.344%
11	10.081	1199	1206	1223	rVV	958940	1736086	23.54%	2.828%
12	10.369	1249	1255	1262	rBV2	70539	130789	1.77%	0.213%
13	10.452	1262	1269	1276	rVB	1084802	1787759	24.24%	2.912%
14	11.257	1400	1406	1416	rBV2	37661	73901	1.00%	0.120%
15	11.752	1483	1490	1502	rBV	76311	152241	2.06%	0.248%
16	13.234	1736	1742	1758	rVB	212000	364625	4.94%	0.594%
17	13.722	1819	1825	1837	rBV	2315538	3275836	44.41%	5.337%
18	13.999	1865	1872	1884	rBV	2460268	3686758	49.98%	6.006%
19	14.310	1918	1925	1933	rBV2	1674179	2578972	34.96%	4.201%
20	14.528	1957	1962	1984	rBV	135722	296194	4.02%	0.483%
21	15.304	2088	2094	2105	rBV	3300051	4729367	64.12%	7.705%
22	15.434	2110	2116	2131	rBV	1231282	1745833	23.67%	2.844%
23	17.057	2386	2392	2400	rBV	2281239	3218644	43.64%	5.244%
24	17.157	2402	2409	2424	rBV2	3853791	5476218	74.24%	8.921%
25	17.734	2502	2507	2512	rBV	588838	697505	9.46%	1.136%
26	19.457	2794	2800	2807	rBV	4664806	6454762	87.51%	10.516%
27	21.257	3100	3106	3116	rBV	3222656	4057355	55.01%	6.610%
28	22.310	3281	3285	3290	rBV	81918	103647	1.41%	0.169%
29	22.810	3366	3370	3377	rVB	126530	183700	2.49%	0.299%
30	23.339	3452	3460	3475	rBV2	3737521	7375980	100.00%	12.016%
31	23.480	3476	3484	3495	rVB	2220154	4208734	57.06%	6.857%
32	24.004	3568	3573	3581	rVB2	174444	331124	4.49%	0.539%
33	24.739	3692	3698	3706	rVB2	166260	372851	5.05%	0.607%
34	25.592	3838	3843	3851	rVB	101372	247566	3.36%	0.403%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
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Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD4

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-BN081318MA.M
Title : SVOA CALIBRATION

Sum of corrected areas: 61382510

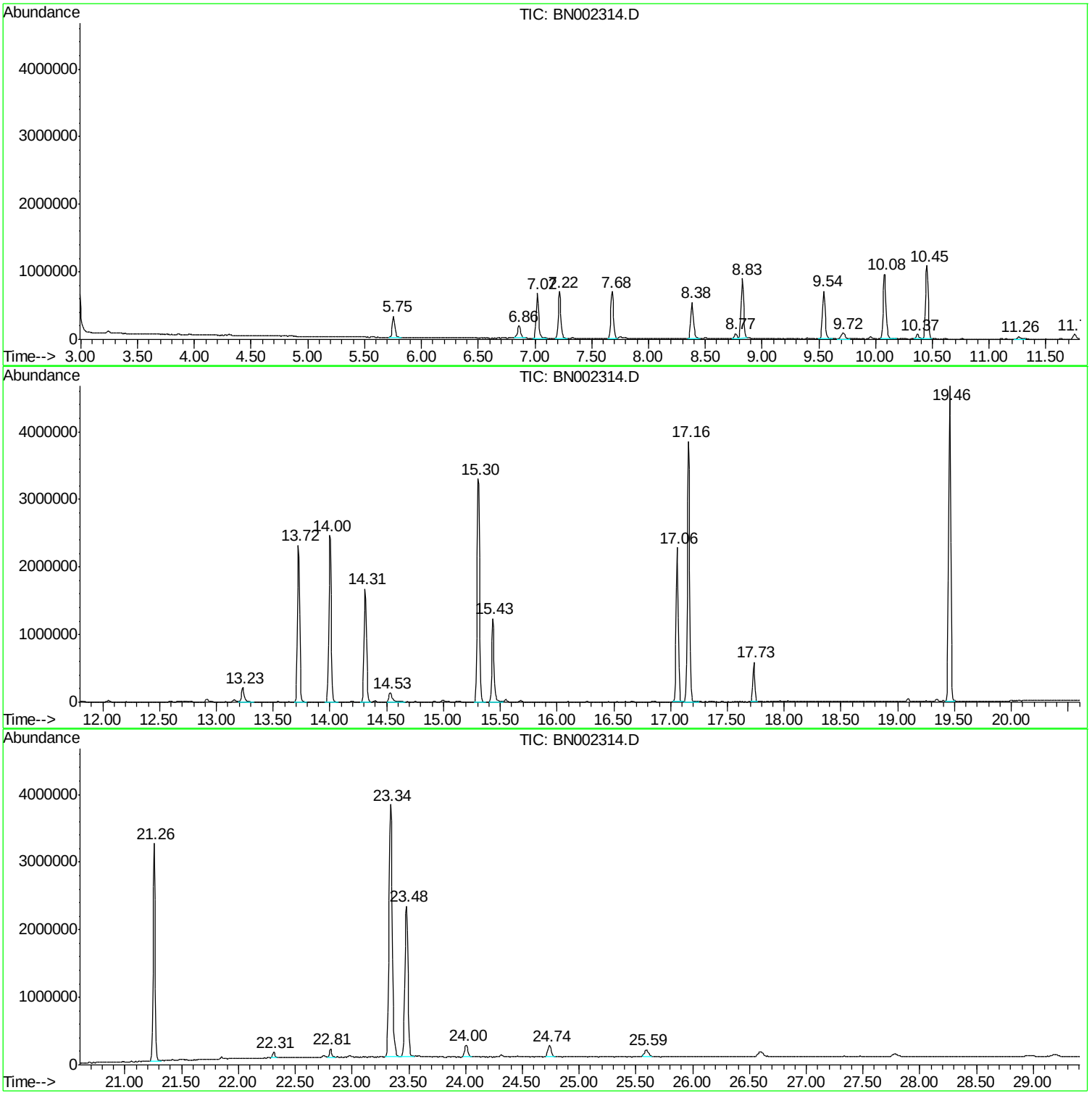
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002314.D
Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002314.D
Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

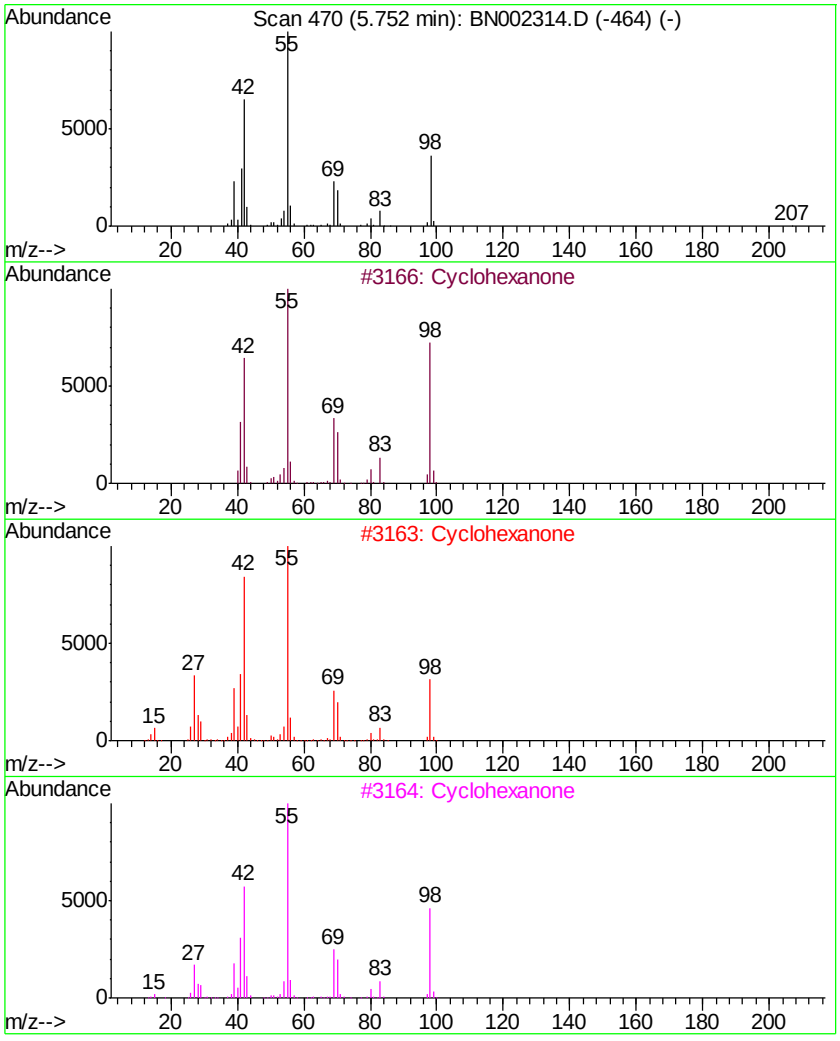
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

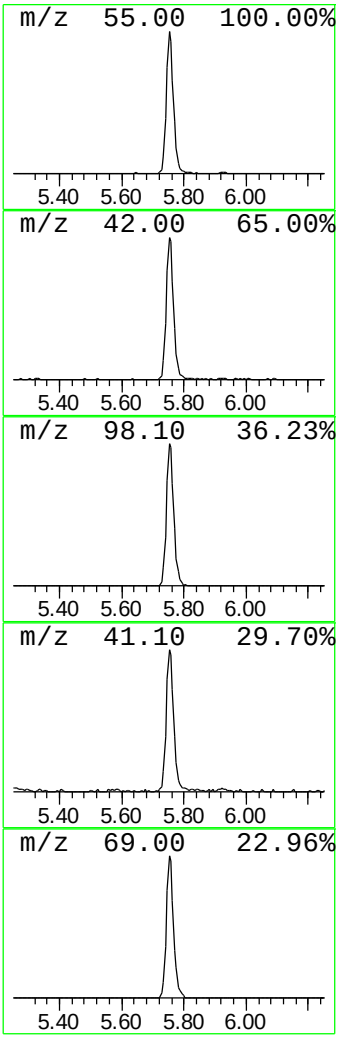
****

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	9.35 ng/ul	521059	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	91
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	87
5	Cyclohexanone	98	C6H10O	000108-94-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002314.D
Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

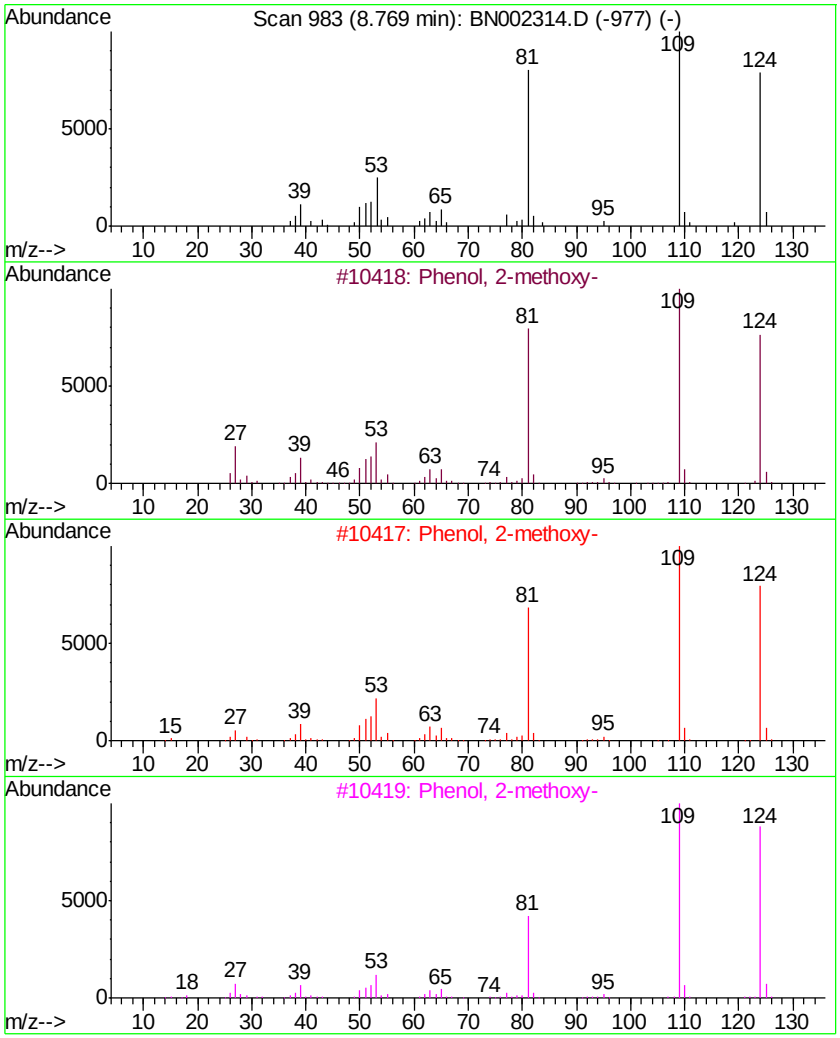
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

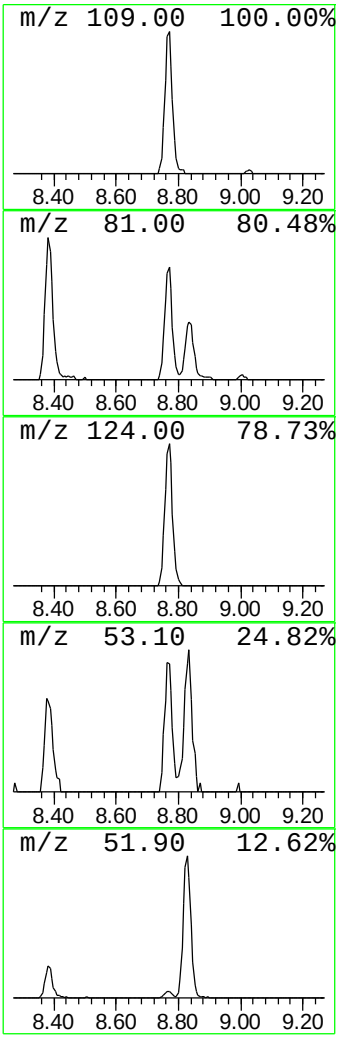
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	2.30 ng/ul	128503	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Mequinol	124	C7H8O2	000150-76-5	91
5	Mequinol	124	C7H8O2	000150-76-5	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
Data File : BN002314.D
Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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

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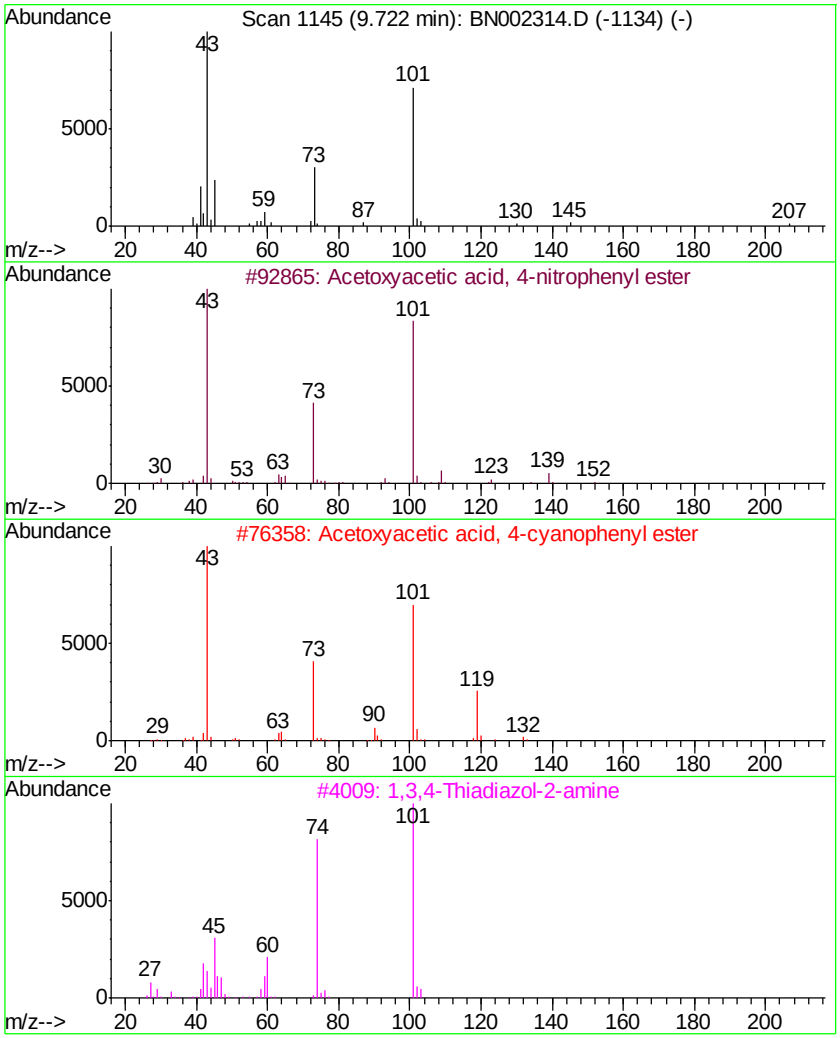
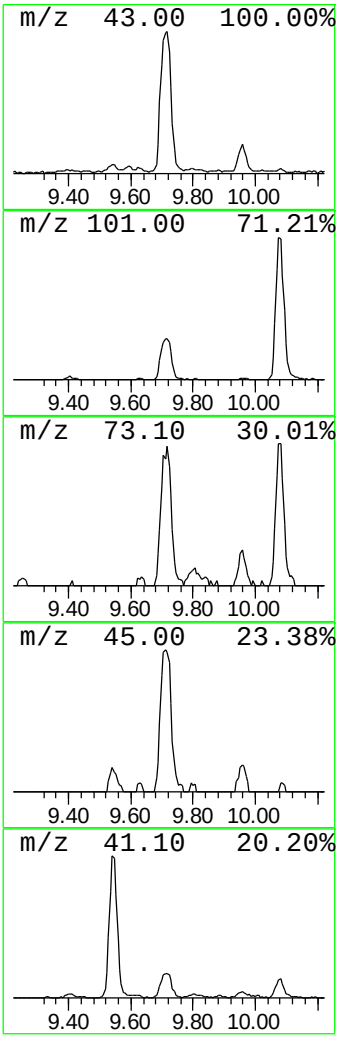
Peak Number 3 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	2.37 ng/ul	211406	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetoxyacetic acid, 4-nitropheny...	239	C10H9NO6	1000307-54-5	42
2	Acetoxyacetic acid, 4-cyanopheny...	219	C11H9NO4	1000307-54-3	42
3	1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	37
4	1-(1-Butoxypropan-2-yloxy)propan...	232	C12H24O4	1000367-08-4	37
5	4-Ketopimelic	174	C7H10O5	000502-50-1	36





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081318\
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Acq On : 13 Aug 2018 19:56
Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

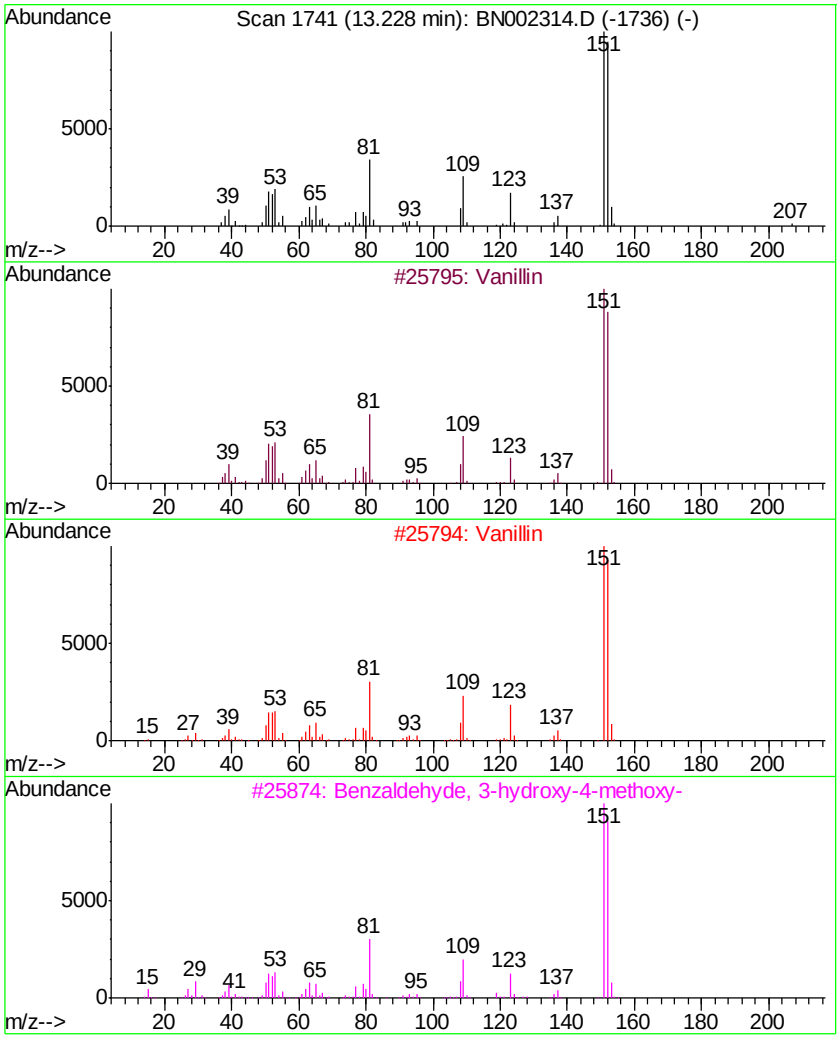
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

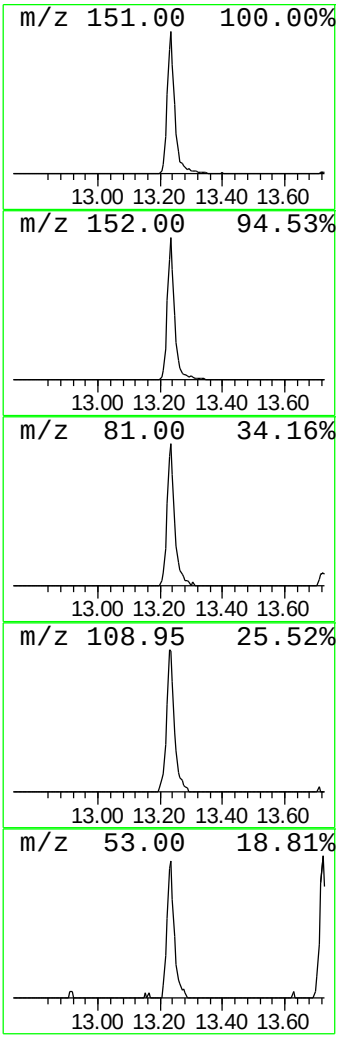
****

Peak Number 4 Vanillin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.83 ng/ul	364625	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin	152	C8H8O3	000121-33-5	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
4	Vanillin	152	C8H8O3	000121-33-5	97
5	Vanillin	152	C8H8O3	000121-33-5	95





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Operator : JU/SJ
Sample : J4422-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

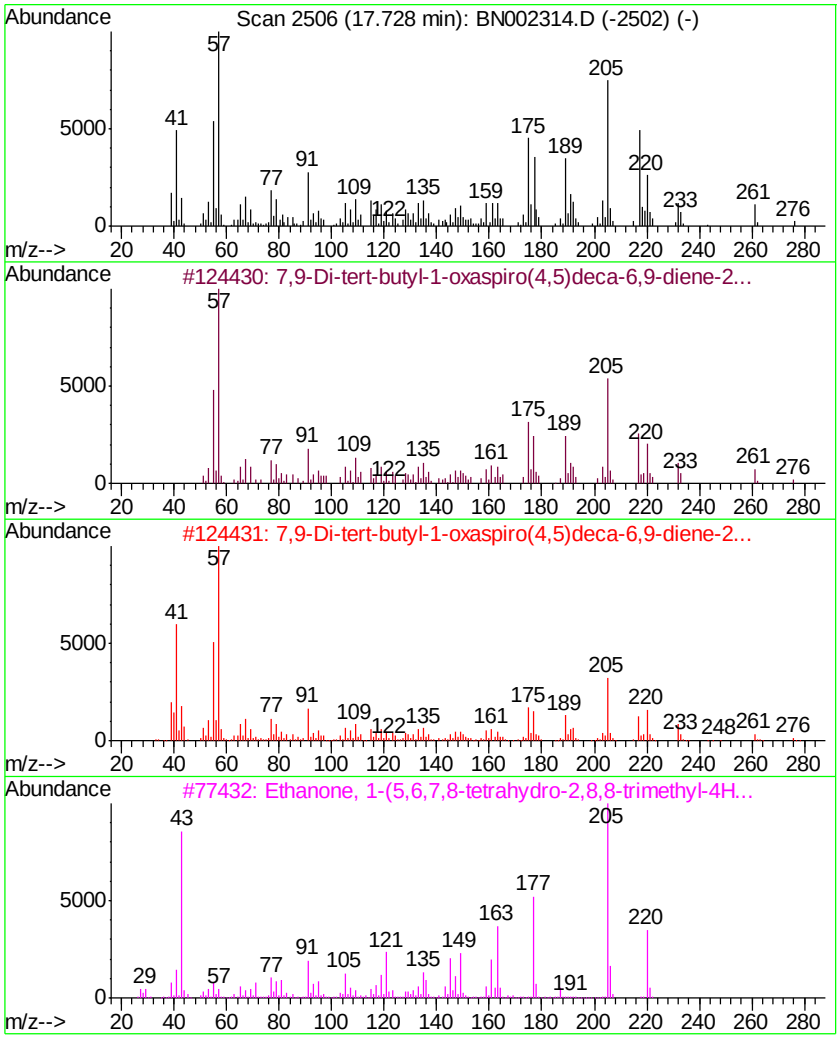
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

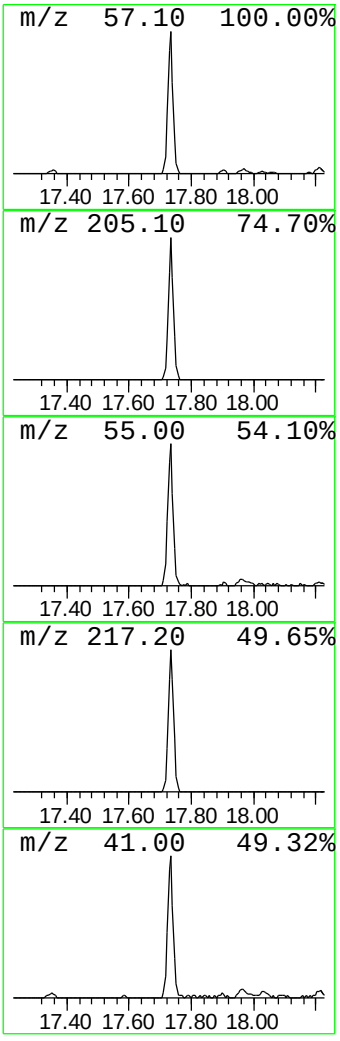
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.33 ng/ul	697505	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	44
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	43





Tentatively Identified Compound (LSC) summary

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ClientSampleId : C0AD4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
Cyclohexanone	5.75	9.3	ng/ul	521059	1	7.68	1115130	20.0
Phenol, 2-methoxy-	8.77	2.3	ng/ul	128503	1	7.68	1115130	20.0
unknown-01	9.72	2.4	ng/ul	211406	2	10.45	1787760	20.0
Vanillin	13.23	2.8	ng/ul	364625	3	14.31	2578970	20.0
7,9-Di-tert-butyl...	17.73	4.3	ng/ul	697505	4	17.06	3218640	20.0