LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081518\
Data File : BN002336.D
Acq On : 15 Aug 2018 12:56
Operator : JU/SJ
Sample : J4422-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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	465	470	480	rVB	314431	505711	7.44%	0.914%
2	6.858	650	658	666	rBV	190802	350932	5.16%	0.634%
3	7.022	680	686	700	rBV	657483	1064728	15.66%	1.925%
4	7.216	712	719	733	rVB	676207	1110848	16.34%	2.008%
5	7.675	791	797	805	rBV	539666	905900	13.33%	1.638%
6	7.746	805	809	824	rVB5	29006	72524	1.07%	0.131%
7	8.381	911	917	928	rBV	564023	946544	13.93%	1.711%
8	8.769	976	983	987	rBV	74871	126409	1.86%	0.229%
9	8.828	987	993	1000	rVV	884660	1464815	21.55%	2.648%
10	9.540	1108	1114	1126	rBV	725662	1222236	17.98%	2.209%
11	9.710	1137	1143	1153	rBV2	81504	187480	2.76%	0.339%
12	10.075	1199	1205	1227	rVB	971250	1730161	25.45%	3.128%
13	10.369	1250	1255	1262	rBV2	61343	123097	1.81%	0.223%
14	10.451	1262	1269	1276	rVB	853260	1458554	21.46%	2.637%
15	11.751	1485	1490	1500	rBV2	69405	132196	1.94%	0.239%
16	13.234	1736	1742	1755	rVB	191720	331209	4.87%	0.599%
17	13.722	1819	1825	1840	rBV	2234566	3094110	45.52%	5.593%
18	13.998	1865	1872	1882	rBV	2463685	3633649	53.46%	6.569%
19	14.310	1918	1925	1935	rBV2	1397319	2110667	31.05%	3.816%
20	14.528	1957	1962	1974	rBV	121030	257005	3.78%	0.465%
21	15.304	2087	2094	2103	rBV	3091212	4517804	66.47%	8.167%
22	15.434	2110	2116	2131	rBV	1035950	1492252	21.95%	2.698%
23	17.057	2386	2392	2399	rBV	1886938	2592970	38.15%	4.687%
24	17.157	2403	2409	2423	rBV2	3541153	5017339	73.82%	9.070%
25	17.733	2502	2507	2516	rVB	503834	606358	8.92%	1.096%
26	19.463	2795	2801	2811	rBV	4267716	5879682	86.50%	10.629%
27	21.269	3102	3108	3120	rBV	2490863	3238971	47.65%	5.855%
28	22.327	3284	3288	3298	rVB3	119981	186753	2.75%	0.338%
29	22.833	3370	3374	3379	rBV	88067	131696	1.94%	0.238%
30	23.363	3456	3464	3478	rBV2	3700420	6797047	100.00%	12.287%
31	23.498	3480	3487	3500	rVB	1750225	3402526	50.06%	6.151%
32	24.033	3573	3578	3586	rVB	123717	239235	3.52%	0.432%
33	24.762	3697	3702	3709	rBV	111172	215652	3.17%	0.390%
34	25.615	3843	3847	3859	rVB3	70423	170952	2.52%	0.309%

LSC Area Percent Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE2

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: 55318012

LSC Report - Integrated Chromatogram

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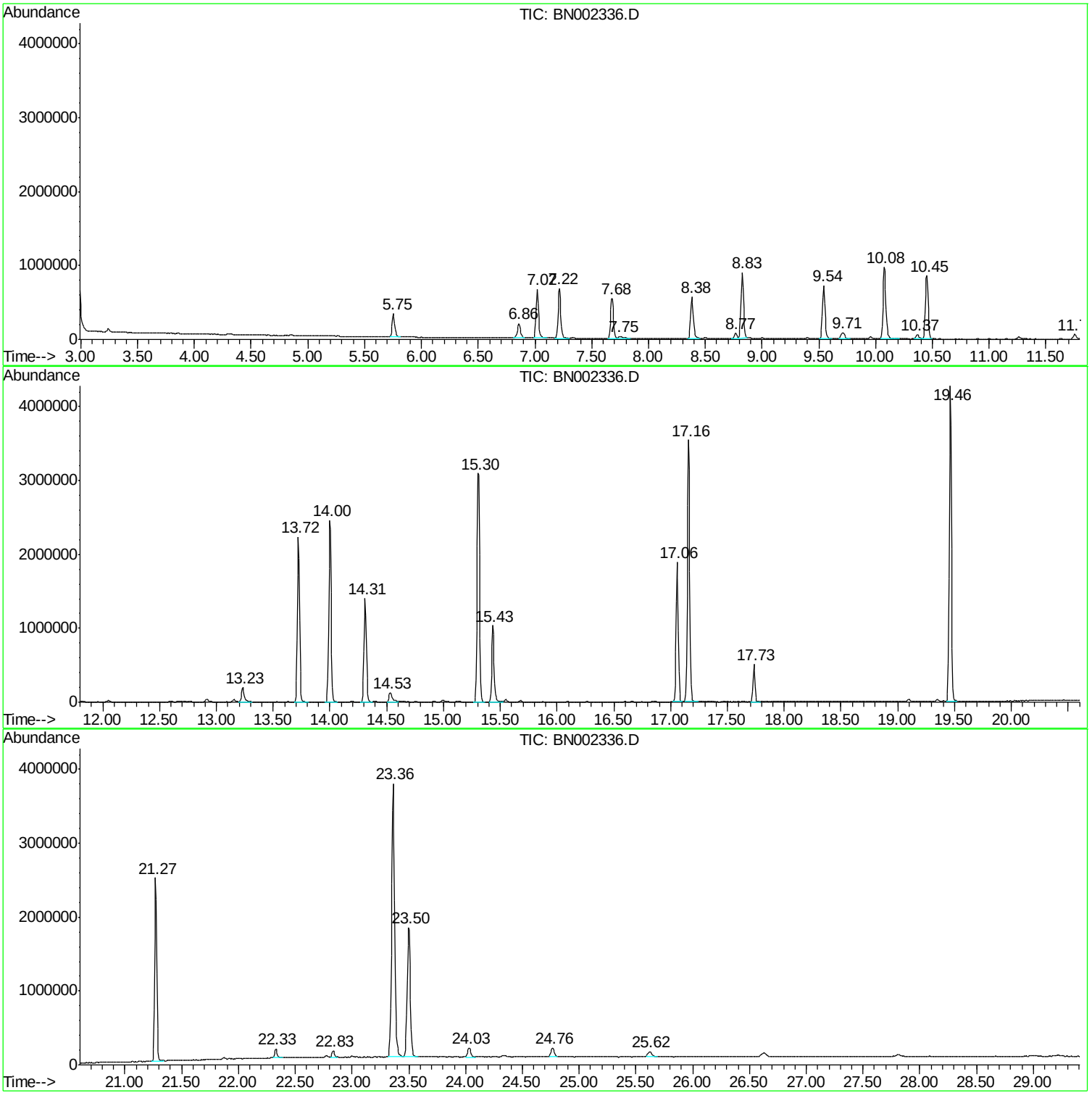
Acq On : 15 Aug 2018 12:56
Operator : JU/SJ
Sample : J4422-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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



Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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

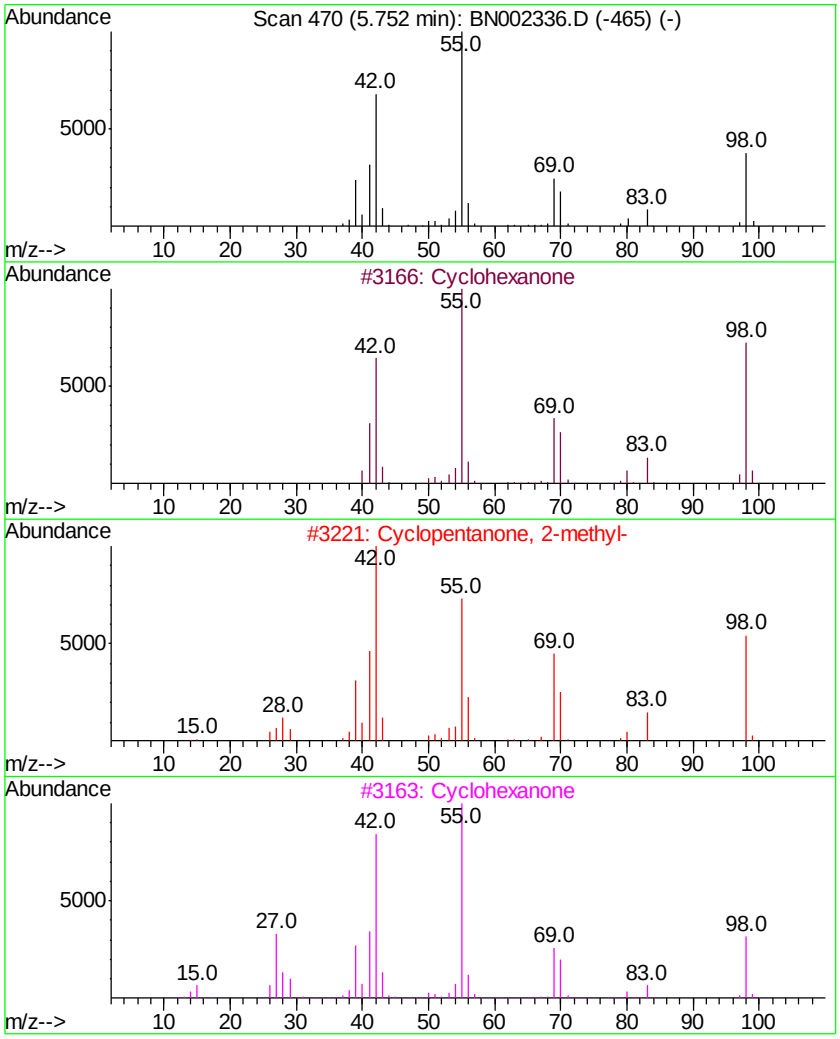
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

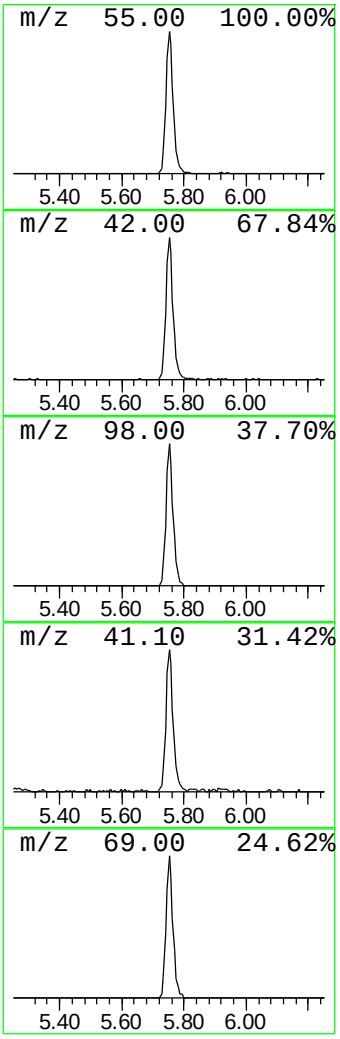
****

Peak Number 1 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.75	11.16 ng/ul	505711	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclopentanone, 2-methyl-	98	C6H10O	001120-72-5	95
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	91
5	Cyclohexanone	98	C6H10O	000108-94-1	90





Library Search Compound Report

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Data File : BN002336.D
Acq On : 15 Aug 2018 12:56
Operator : JU/SJ
Sample : J4422-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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

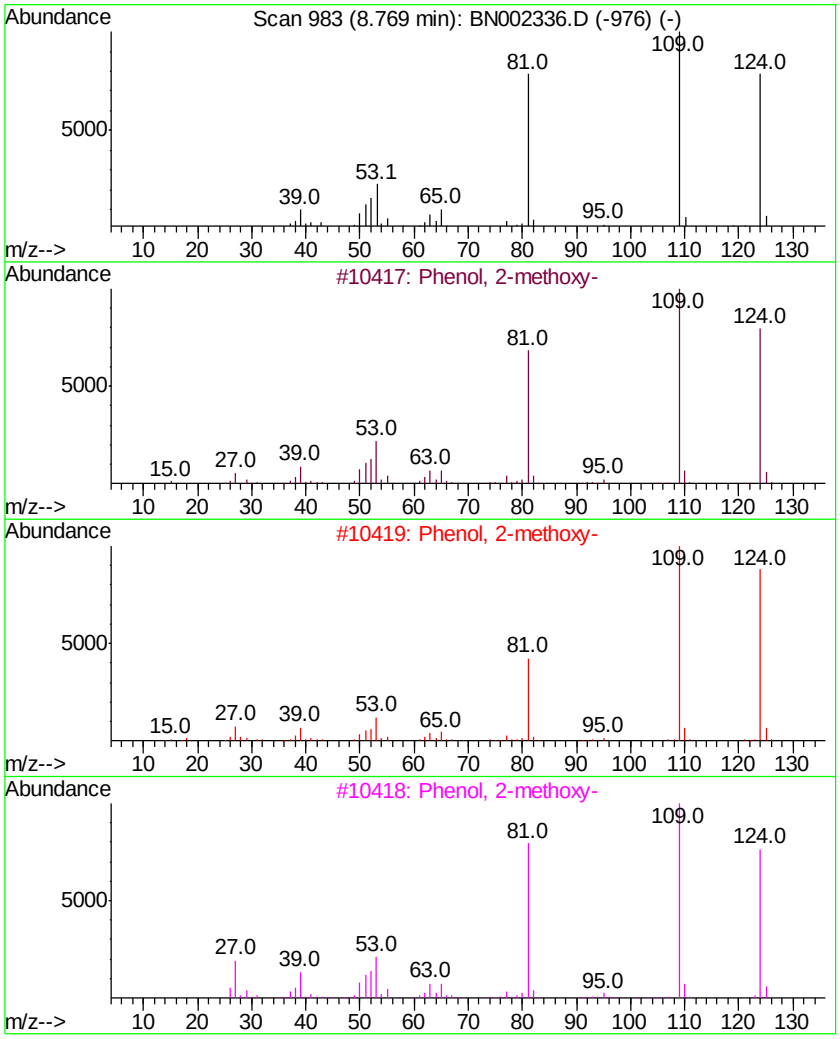
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

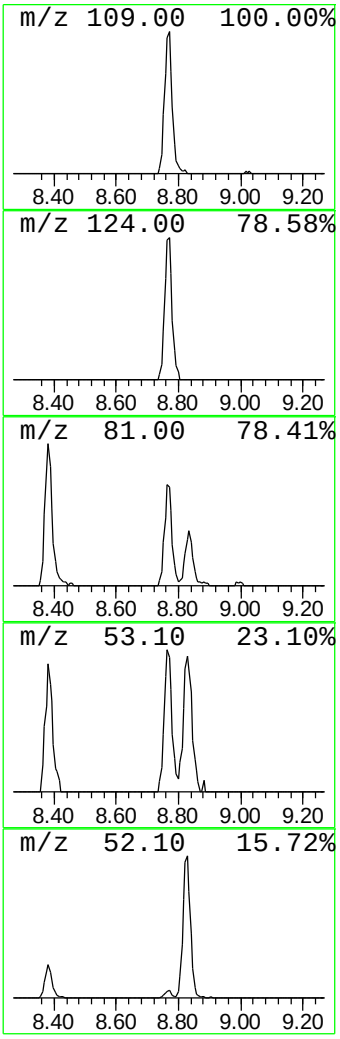
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	2.79 ng/ul	126409	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	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Mequinol	124	C7H8O2	000150-76-5	91





Library Search Compound Report

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Sample : J4422-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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

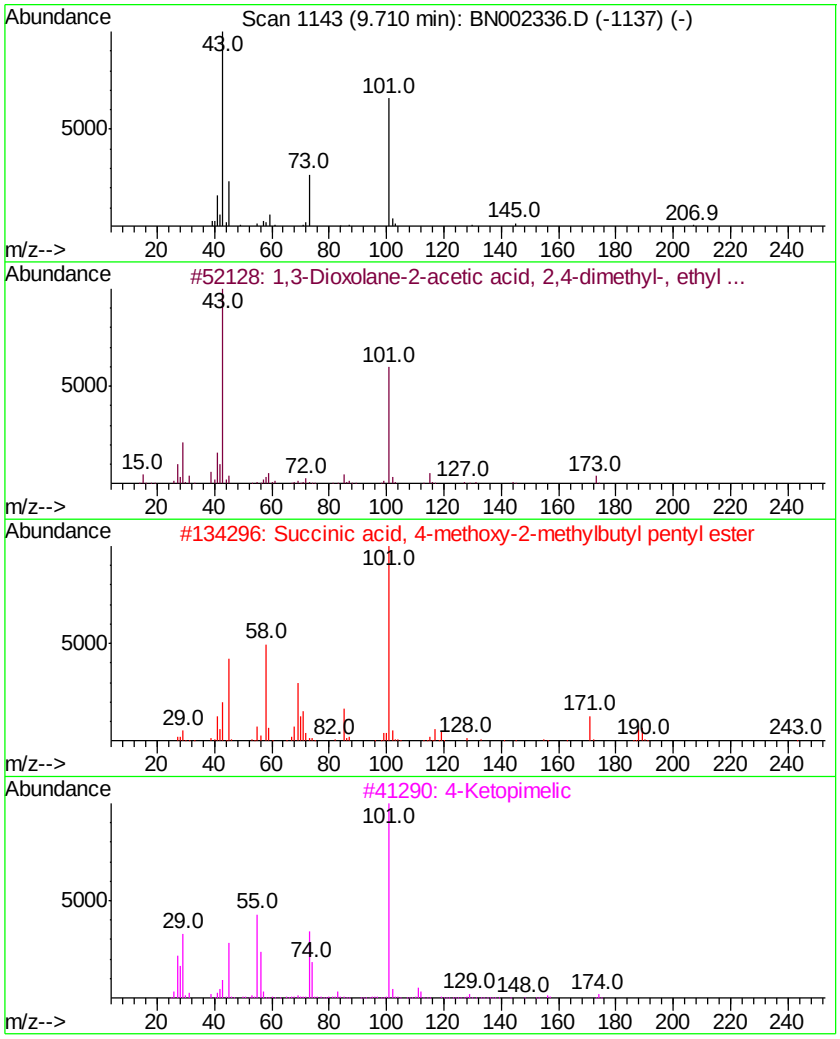
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

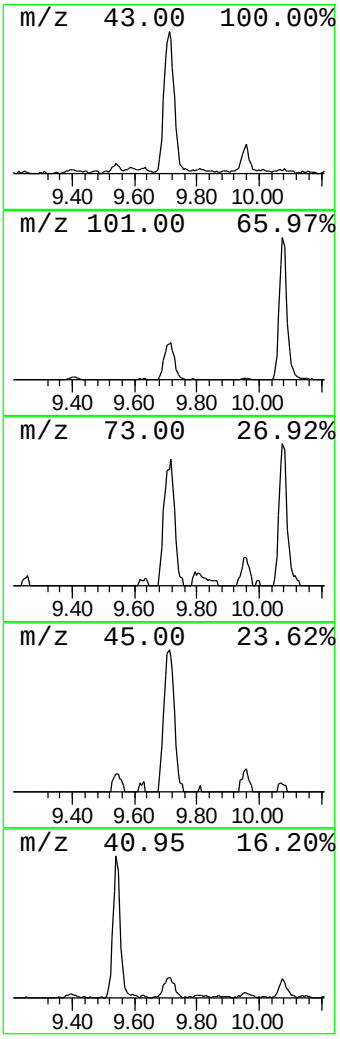
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	2.57 ng/ul	187480	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane-2-acetic acid, 2,4...	188	C9H16O4	006290-17-1	47
2	Succinic acid, 4-methoxy-2-methy...	288	C15H28O5	1000330-23-3	37
3	4-Ketopimelic	174	C7H10O5	000502-50-1	36
4	Acetoxyacetic acid, 3-methylbut-...	188	C9H16O4	1000355-69-8	33
5	Hexahydro-5H-imidazo[5,1-b:4,3-b...	188	C7H12N2S2	019505-80-7	28





Library Search Compound Report

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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AE2

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

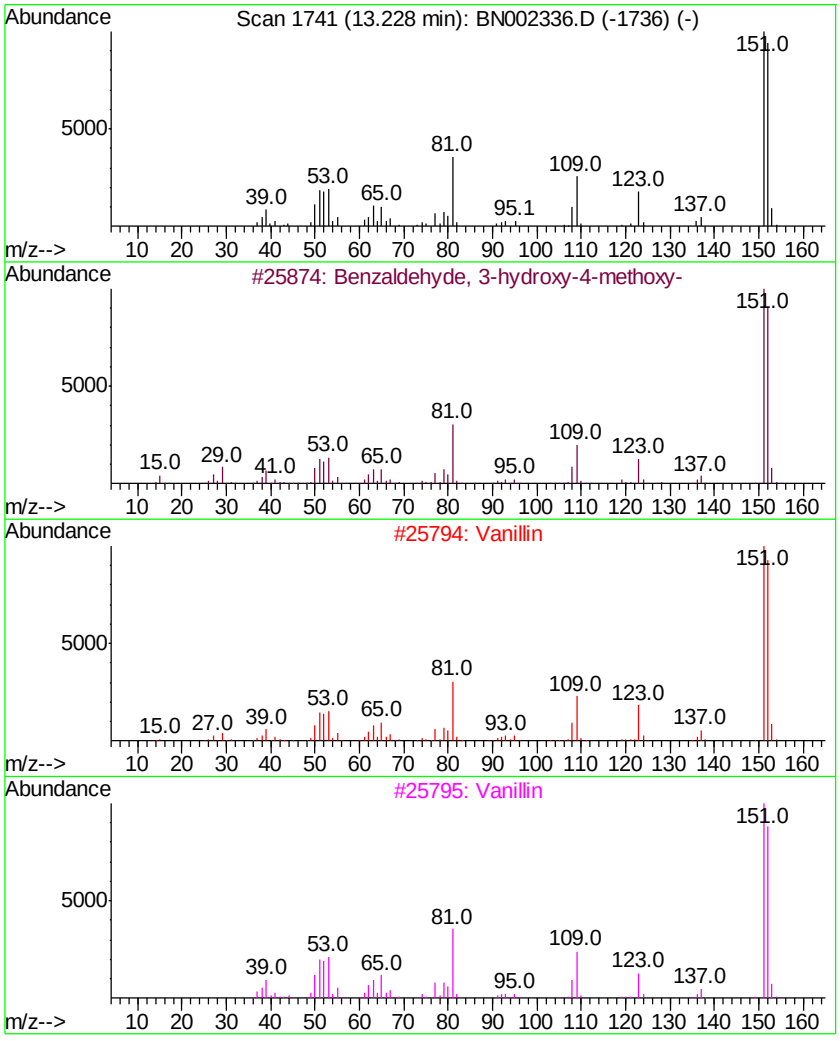
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

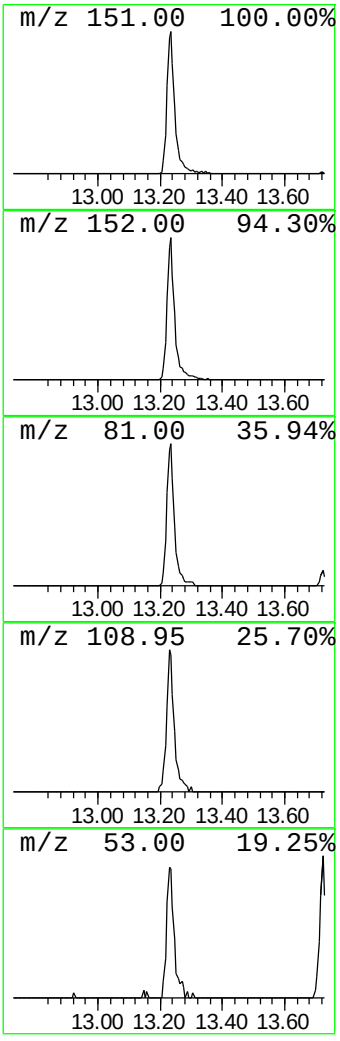
****

Peak Number 4 Benzaldehyde, 3-hydroxy-4-m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	3.14 ng/ul	331209	Acenaphthene-d10	14.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3-hydroxy-4-methoxy-	152	C8H8O3	000621-59-0	97
2	Vanillin	152	C8H8O3	000121-33-5	97
3	Vanillin	152	C8H8O3	000121-33-5	97
4	Vanillin	152	C8H8O3	000121-33-5	96
5	Vanillin	152	C8H8O3	000121-33-5	95





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

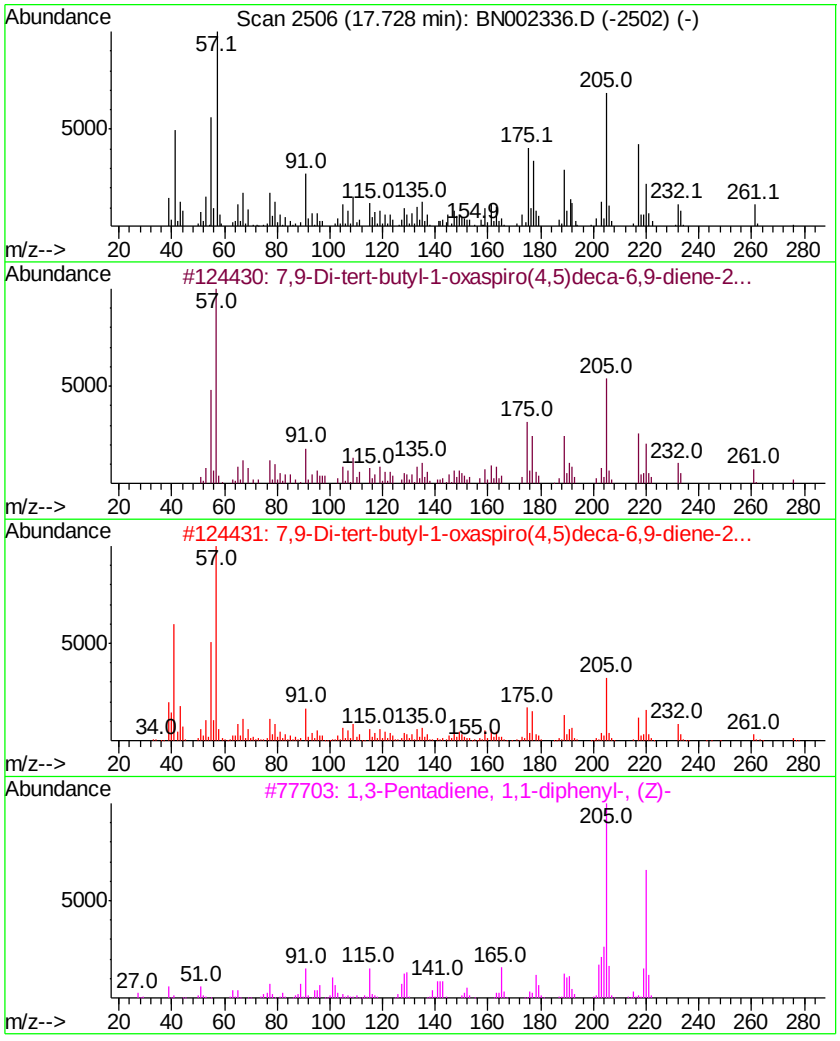
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

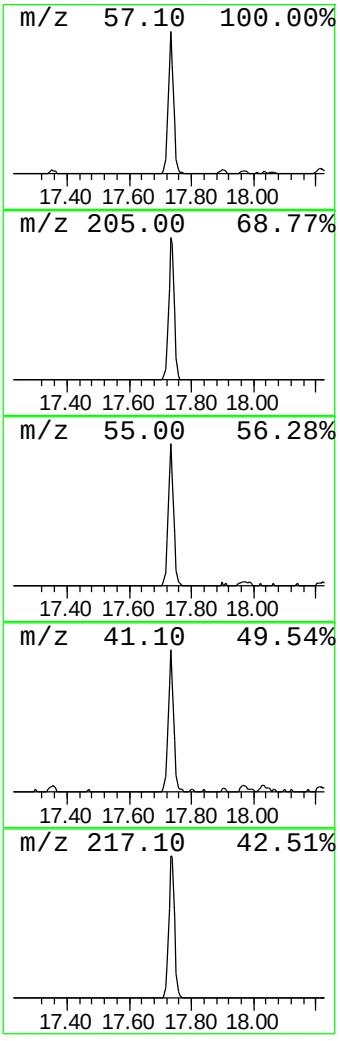
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.68 ng/ul	606358	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	99
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	50
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50
5	2-Phenazinecarbonitrile	205	C13H7N3	006479-93-2	47





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
Cyclohexanone	5.75	11.2	ng/ul	505711	1	7.68	905900	20.0
Phenol, 2-methoxy-	8.77	2.8	ng/ul	126409	1	7.68	905900	20.0
unknown-01	9.71	2.6	ng/ul	187480	2	10.45	1458550	20.0
Benzaldehyde, 3-h...	13.23	3.1	ng/ul	331209	3	14.31	2110670	20.0
7,9-Di-tert-butyl...	17.73	4.7	ng/ul	606358	4	17.06	2592970	20.0