LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111618\
Data File : BN003574.D
Acq On : 16 Nov 2018 21:18
Operator : MJ/SJ
Sample : J5928-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

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-BN111418MA.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	3.023	3	6	23	rVB	197151	286176	7.65%	0.899%
2	5.893	488	494	503	rVB	224592	342422	9.16%	1.075%
3	6.993	675	681	691	rVB	121913	192552	5.15%	0.605%
4	7.175	705	712	722	rBV	373941	576978	15.43%	1.812%
5	7.369	738	745	752	rBV	388053	618789	16.55%	1.943%
6	7.840	819	825	830	rBV	361832	556965	14.89%	1.749%
7	7.887	830	833	841	rVB	24418	38460	1.03%	0.121%
8	8.534	936	943	954	rBV	310373	494357	13.22%	1.553%
9	8.928	1005	1010	1017	rBV	61404	94353	2.52%	0.296%
10	9.005	1017	1023	1030	rBV	447397	736252	19.69%	2.312%
11	9.722	1139	1145	1153	rBV	391843	617086	16.50%	1.938%
12	9.858	1162	1168	1175	rBV2	29233	67888	1.82%	0.213%
13	10.252	1228	1235	1247	rBV	598144	970619	25.95%	3.048%
14	10.540	1279	1284	1291	rVB2	25116	38865	1.04%	0.122%
15	10.640	1293	1301	1307	rBV	522366	882897	23.61%	2.773%
16	11.910	1511	1517	1524	rVB	48940	73246	1.96%	0.230%
17	13.069	1708	1714	1721	rBV	55270	75699	2.02%	0.238%
18	13.399	1764	1770	1782	rVB	162294	229378	6.13%	0.720%
19	13.881	1846	1852	1862	rVB	1195078	1641043	43.88%	5.154%
20	14.169	1894	1901	1914	rBV	1392614	2079581	55.61%	6.531%
21	14.475	1947	1953	1961	rBV2	855157	1283898	34.33%	4.032%
22	14.663	1979	1985	1999	rBV	103739	146538	3.92%	0.460%
23	15.469	2115	2122	2129	rBV	1884275	2656285	71.03%	8.342%
24	15.587	2136	2142	2148	rBV	569026	761771	20.37%	2.392%
25	17.222	2413	2420	2426	rBV2	1092461	1564230	41.83%	4.913%
26	17.322	2430	2437	2446	rBV	2009158	2901610	77.59%	9.113%
27	17.869	2526	2530	2535	rBV	303350	359289	9.61%	1.128%
28	19.610	2820	2826	2837	rBV	2719582	3499789	93.58%	10.991%
29	21.398	3124	3130	3138	rBV	1577749	1975092	52.81%	6.203%
30	22.439	3303	3307	3315	rBV	37301	46756	1.25%	0.147%
31	22.957	3390	3395	3402	rVB2	51256	80794	2.16%	0.254%
32	23.563	3490	3498	3510	rVB	1901205	3739776	100.00%	11.745%
33	23.710	3515	3523	3537	rVB2	1020958	1947051	52.06%	6.115%
34	24.216	3603	3609	3616	rBV	55814	101707	2.72%	0.319%

LSC Area Percent Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

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-BN111418MA.M
Title : SVOA CALIBRATION

35	24.986	3734	3740	3748	rVB2	47865	99850	2.67%	0.314%
36	25.892	3888	3894	3902	rVB3	25834	63520	1.70%	0.199%

Sum of corrected areas: 31841562

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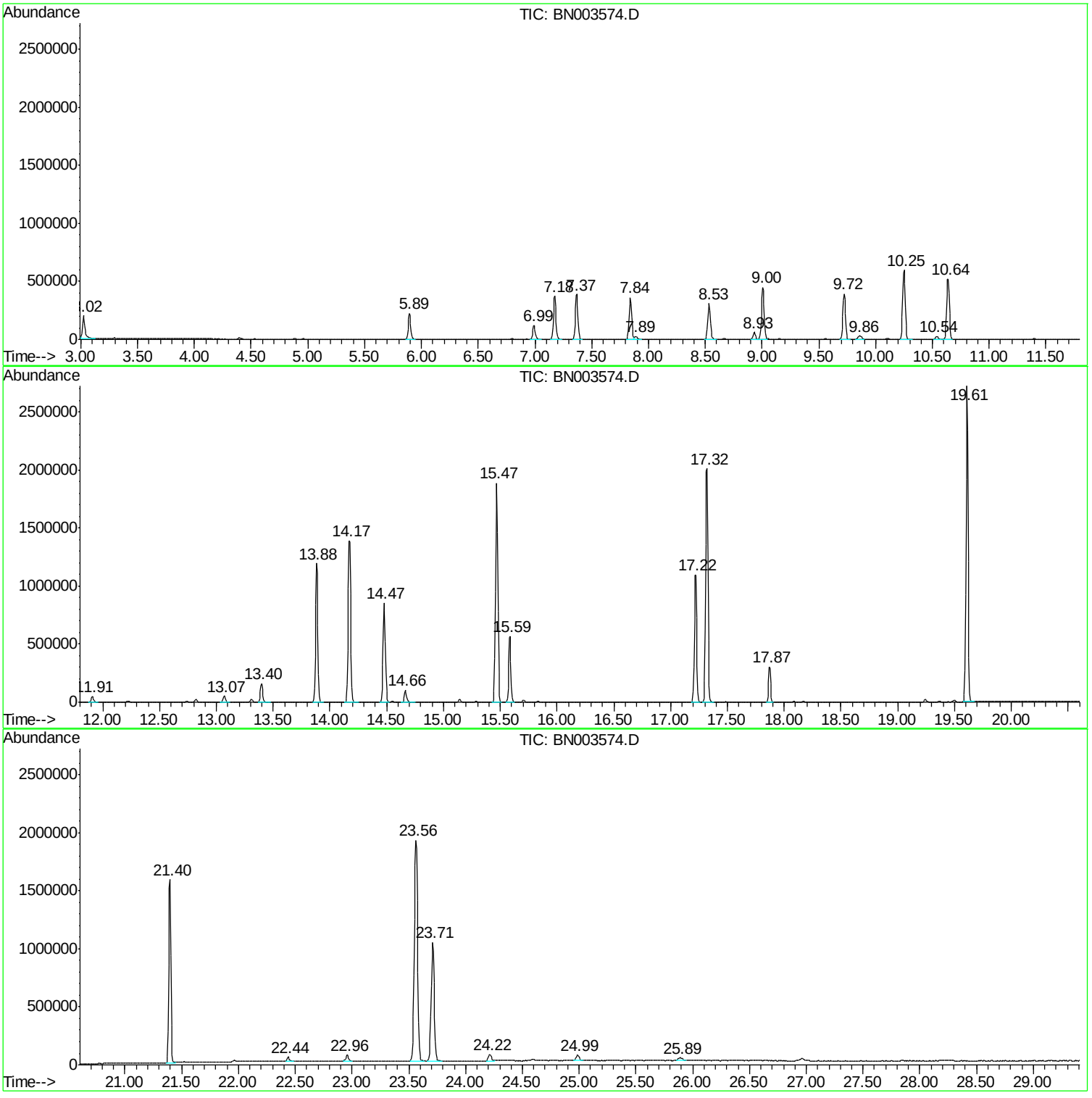
Instrument : BNA_N
ClientSampleId : A40S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

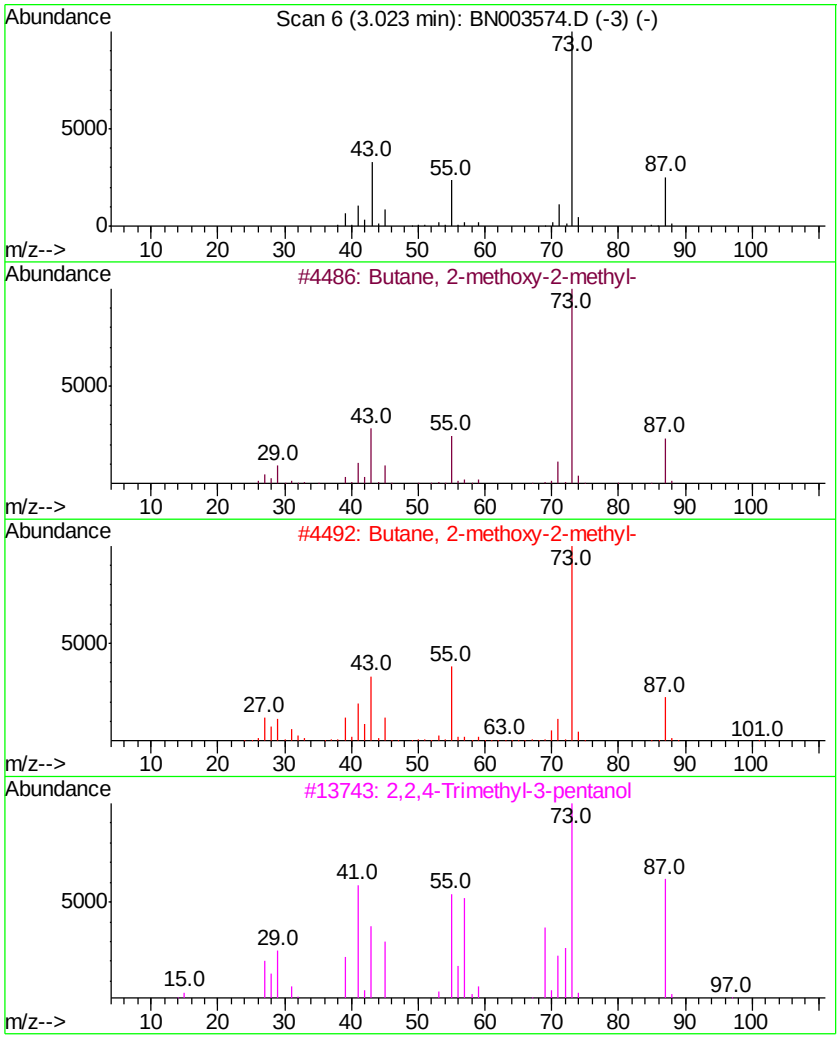
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

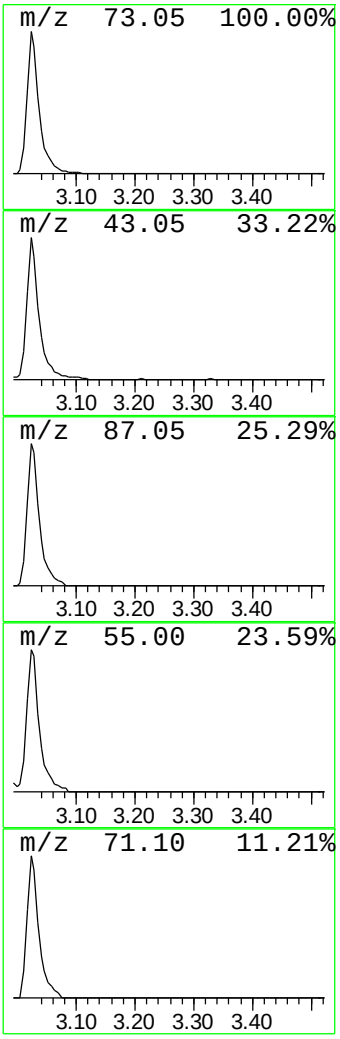
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	10.28 ng/ul	286176	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Library Search Compound Report

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Acq On : 16 Nov 2018 21:18
Operator : MJ/SJ
Sample : J5928-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

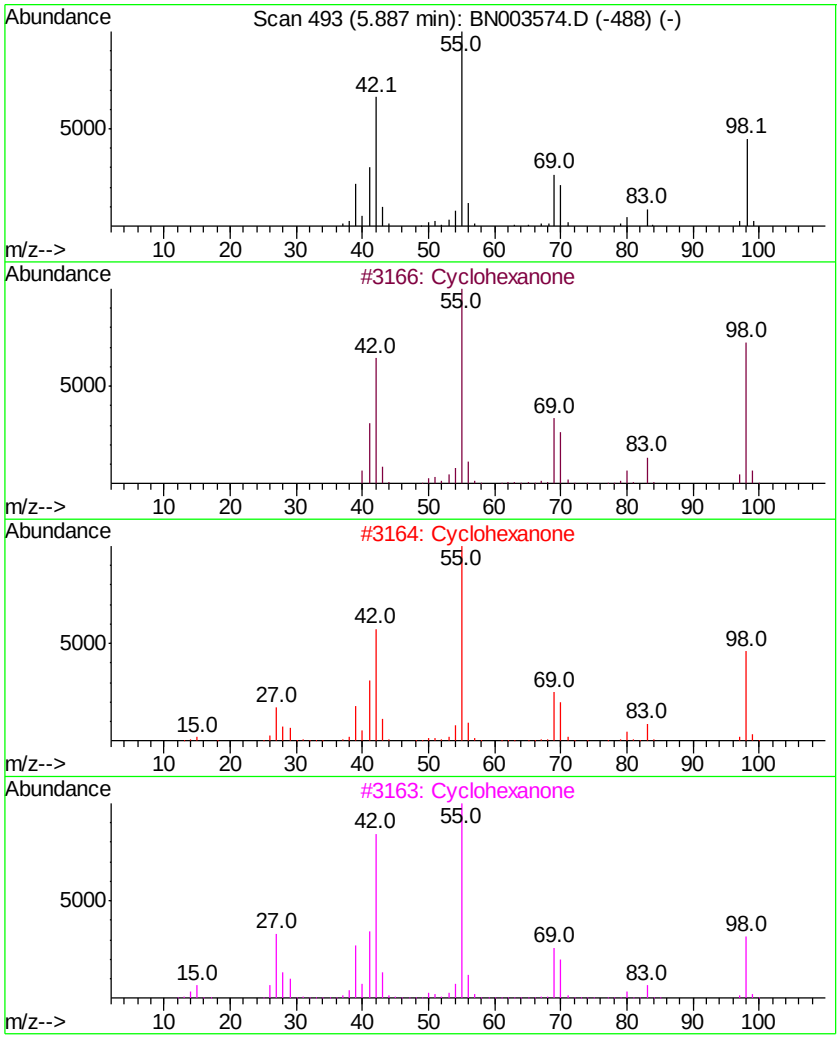
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

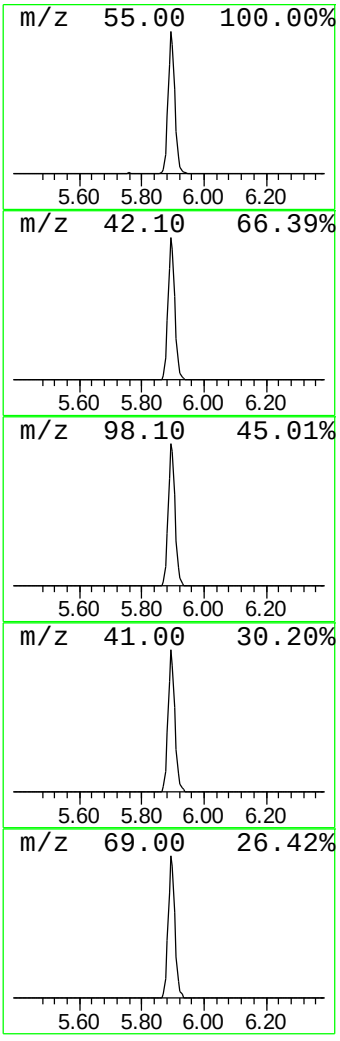
****

Peak Number 2 Cyclohexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	12.30 ng/ul	342422	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone	98	C6H10O	000108-94-1	95
2	Cyclohexanone	98	C6H10O	000108-94-1	94
3	Cyclohexanone	98	C6H10O	000108-94-1	91
4	Cyclohexanone	98	C6H10O	000108-94-1	90
5	Cyclohexanone	98	C6H10O	000108-94-1	83





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

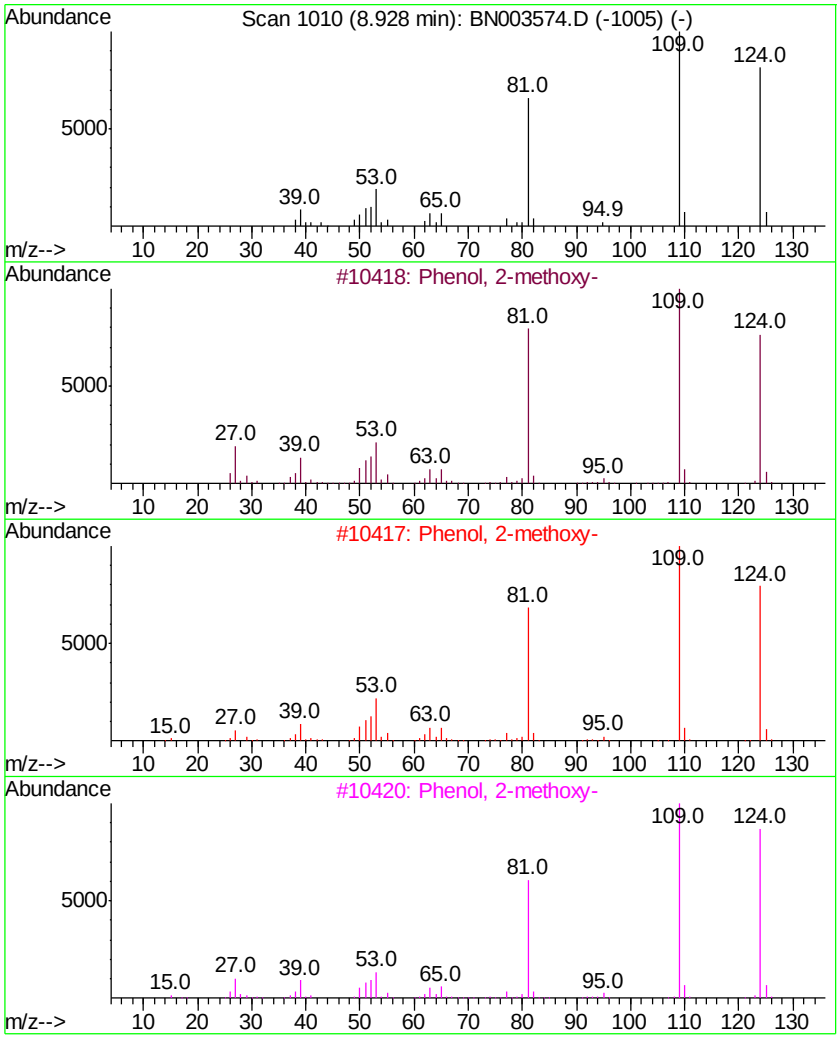
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

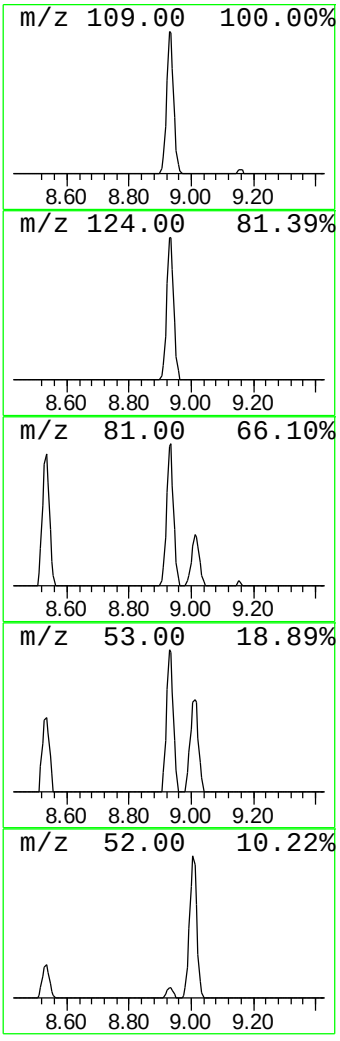
****

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	3.39 ng/ul	94353	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	95
3	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
5	Ethanone, 1-(2-methyl-1-cyclopen...	124	C8H12O	003168-90-9	90





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

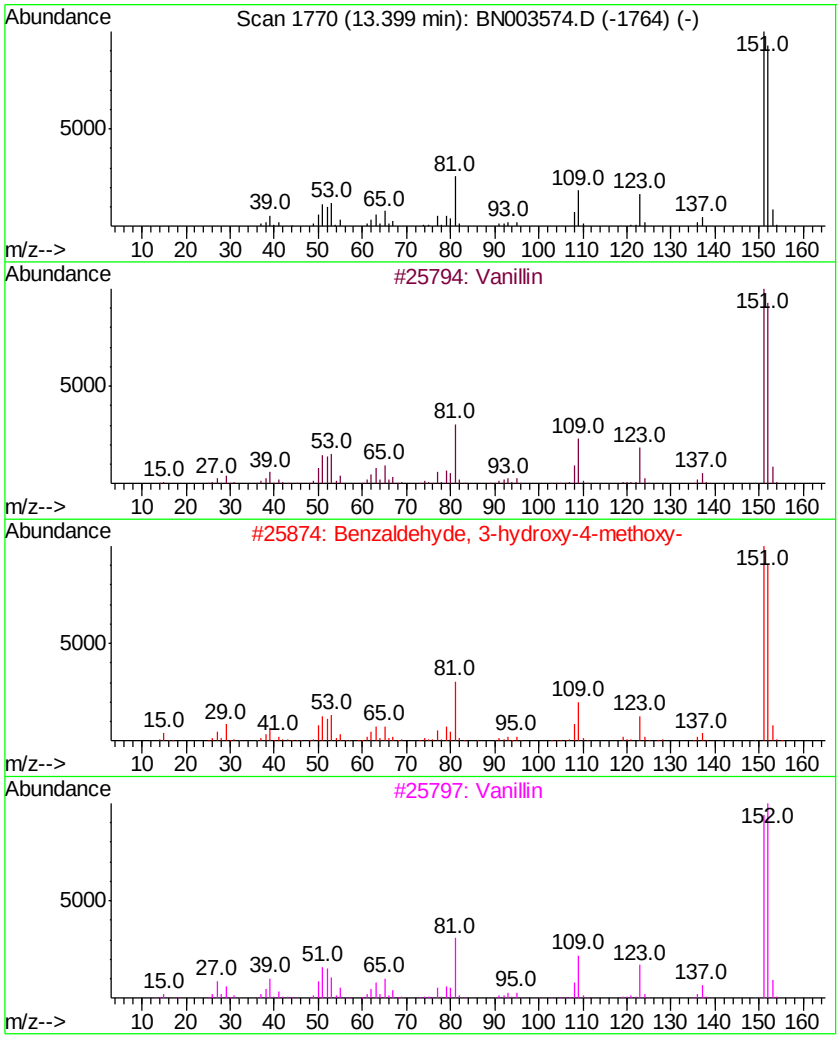
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

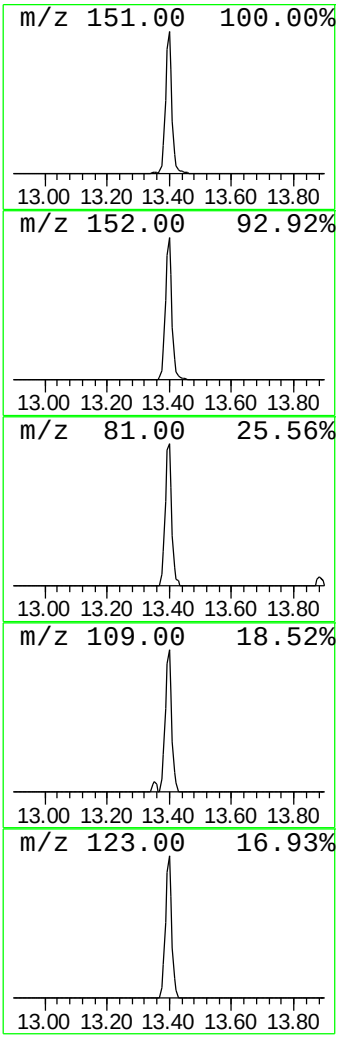
****

Peak Number 4 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	3.57 ng/ul	229378	Acenaphthene-d10	14.47

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





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40S2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111418MA.M
Quant Title : SVOA CALIBRATION

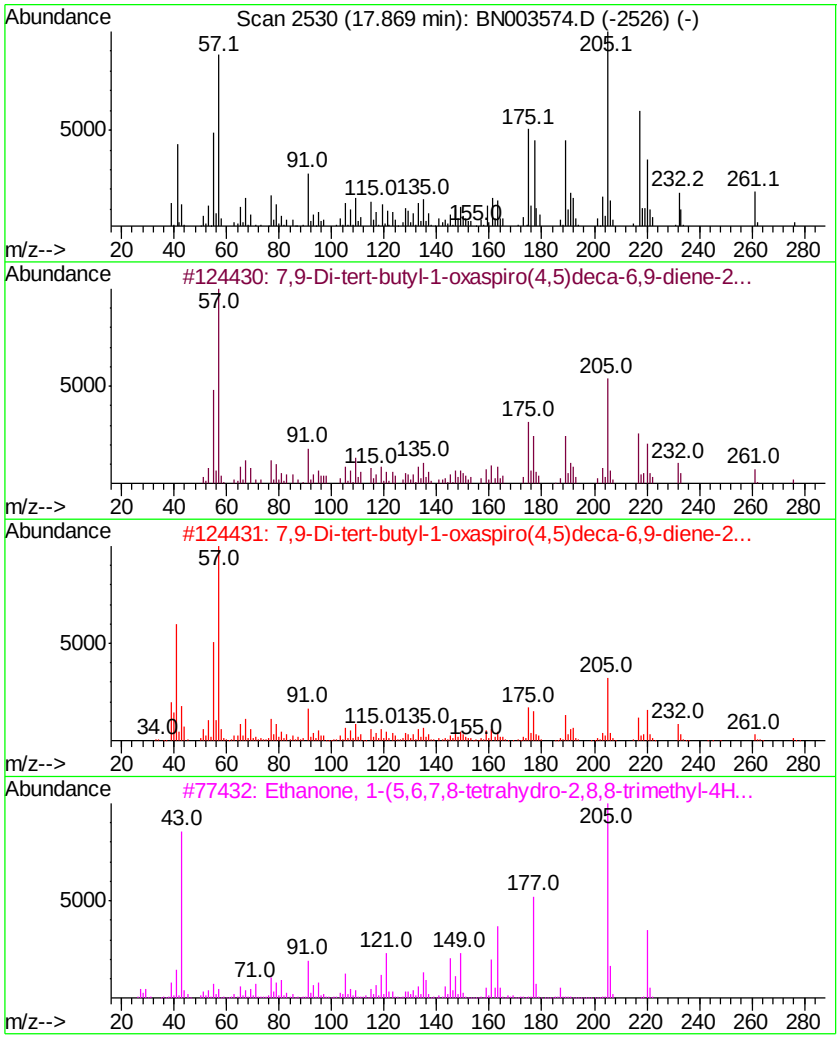
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

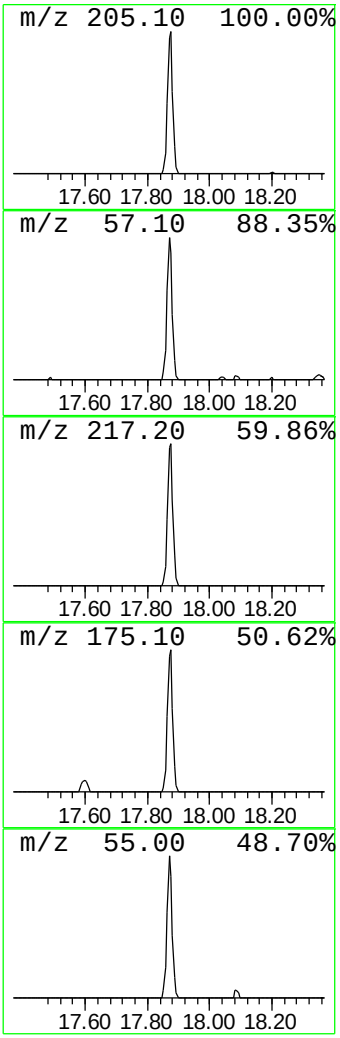
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.59 ng/ul	359289	Phenanthrene-d10	17.22

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	64
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	10.3	ng/ul	286176	1	7.84	556965	20.0
Cyclohexanone	5.89	12.3	ng/ul	342422	1	7.84	556965	20.0
Phenol, 2-methoxy-	8.93	3.4	ng/ul	94353	1	7.84	556965	20.0
Vanillin	13.40	3.6	ng/ul	229378	3	14.47	1283900	20.0
7,9-Di-tert-butyl...	17.87	4.6	ng/ul	359289	4	17.22	1564230	20.0