LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000279.D
Acq On : 17 Sep 2019 17:49
Operator : HP/JU
Sample : K4918-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\METHODS\8270-BP091619.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	562	566	570	rBV	3917445	3961391	62.28%	7.063%
2	6.081	676	679	682	rVB	183490	151607	2.38%	0.270%
3	6.434	734	739	746	rVB	5318605	5158122	81.09%	9.197%
4	6.563	757	761	765	rBV	5450984	4960793	77.99%	8.845%
5	6.793	796	800	803	rBV	2204175	1688729	26.55%	3.011%
6	6.952	823	827	830	rBV	5177732	4233555	66.55%	7.548%
7	7.352	888	895	898	rBV	2154606	2015078	31.68%	3.593%
8	7.399	900	903	907	rVB	194968	165883	2.61%	0.296%
9	8.075	1014	1018	1020	rBV	2583770	2037323	32.03%	3.633%
10	8.093	1020	1021	1024	rVB	313008	225674	3.55%	0.402%
11	8.834	1144	1147	1153	rVB	336902	327708	5.15%	0.584%
12	9.069	1182	1187	1191	rBV5	250435	398758	6.27%	0.711%
13	9.152	1198	1201	1204	rBV	6167566	5017448	78.88%	8.946%
14	9.234	1211	1215	1218	rBV2	224612	342710	5.39%	0.611%
15	9.310	1226	1228	1232	rVB3	223255	220128	3.46%	0.392%
16	9.352	1232	1235	1240	rBV2	361766	492377	7.74%	0.878%
17	9.410	1242	1245	1246	rBV2	202940	178628	2.81%	0.318%
18	9.469	1252	1255	1257	rBV2	202760	155993	2.45%	0.278%
19	9.499	1257	1260	1265	rBV4	266518	529399	8.32%	0.944%
20	9.546	1265	1268	1272	rBV2	813375	976664	15.35%	1.741%
21	9.693	1291	1293	1296	rBV	967276	975837	15.34%	1.740%
22	9.734	1298	1300	1302	rVV2	351368	231548	3.64%	0.413%
23	9.781	1305	1308	1312	rBV2	436061	537897	8.46%	0.959%
24	9.834	1313	1317	1321	rBV	2206275	2606941	40.98%	4.648%
25	9.957	1335	1338	1340	rBV2	625842	575666	9.05%	1.026%
26	10.040	1350	1352	1358	rVB3	713388	720421	11.33%	1.285%
27	10.634	1450	1453	1456	rBV	2504126	2710007	42.60%	4.832%
28	15.087	2206	2210	2218	rVB	3096602	6361104	100.00%	11.342%
29	15.457	2269	2273	2278	rVB	2919185	3780993	59.44%	6.741%
30	16.998	2531	2535	2544	rVB2	1313100	2518908	39.60%	4.491%
31	17.445	2607	2611	2624	rVB	919676	1828247	28.74%	3.260%

Sum of corrected areas: 56085537

LSC Report - Integrated Chromatogram

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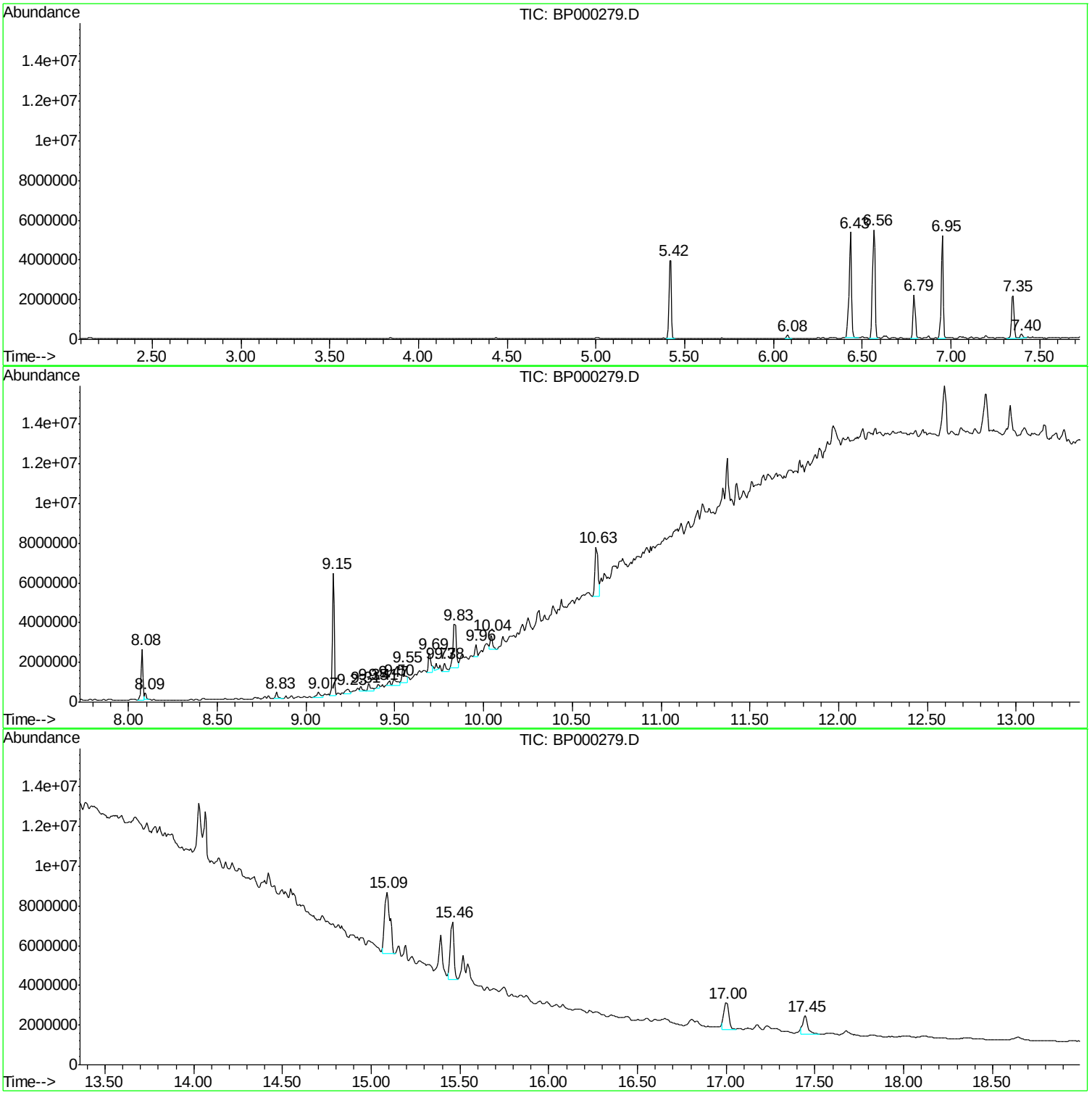
Operator : HP/JU
Sample : K4918-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000279.D
Acq On : 17 Sep 2019 17:49
Operator : HP/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

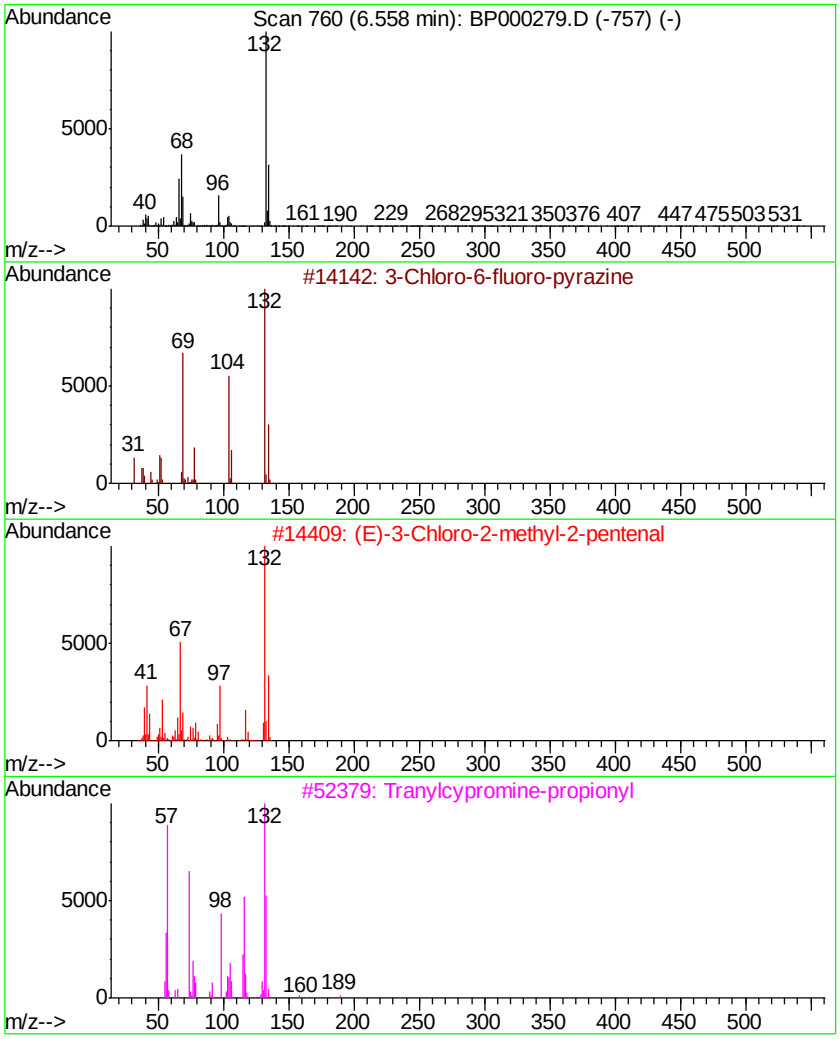
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

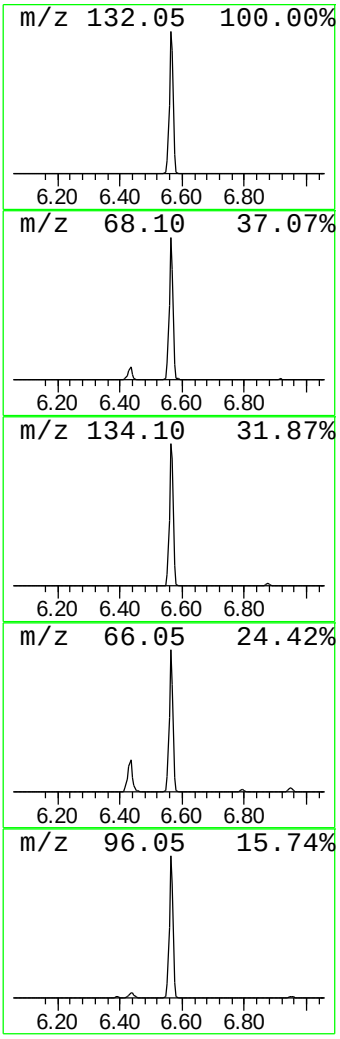
****

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	58.75 ng	4960790	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Sample : K4918-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

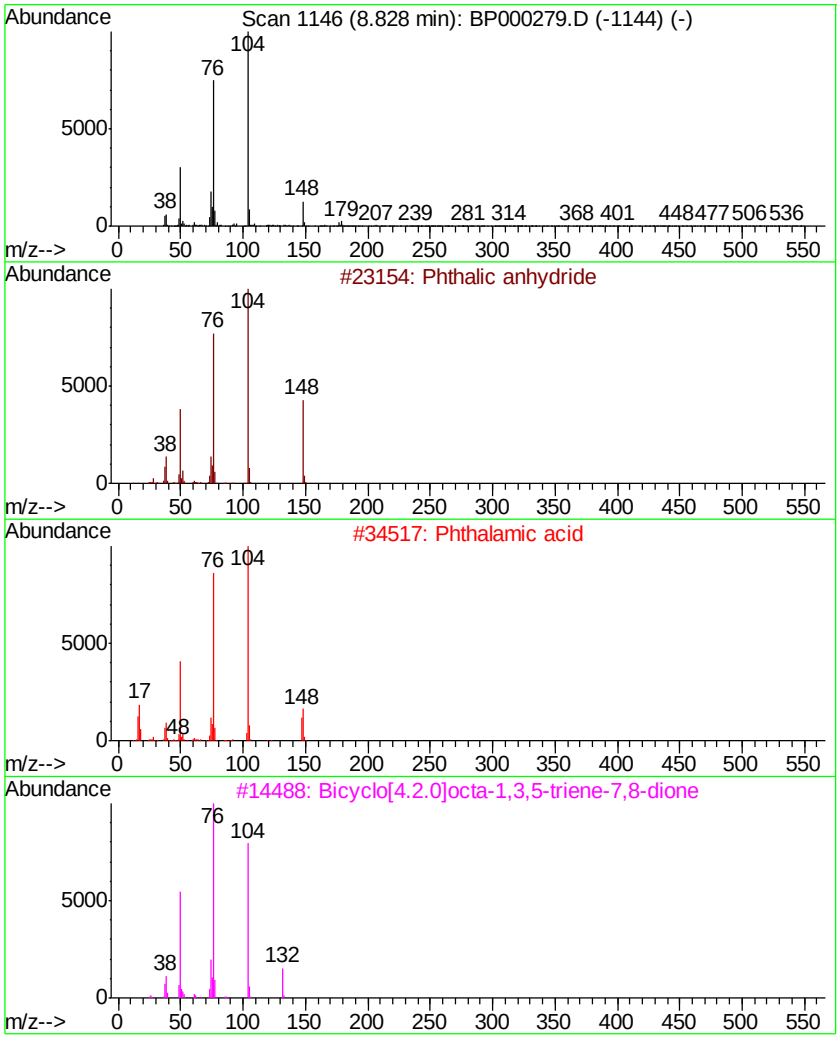
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

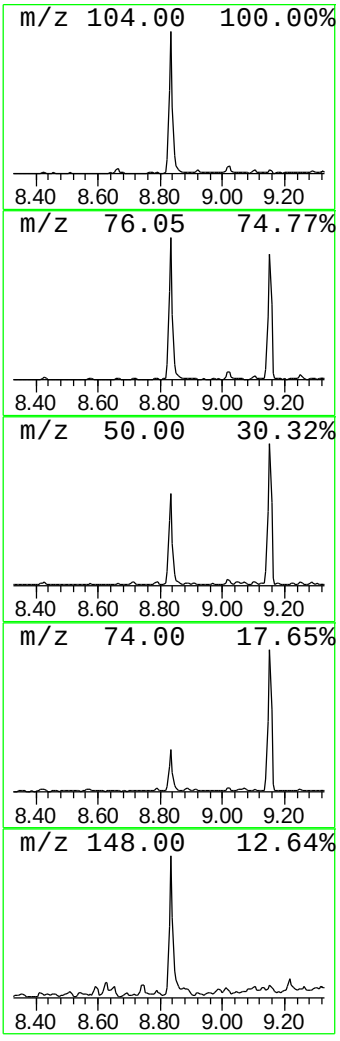
****

Peak Number 3 Phthalic anhydride Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	3.22 ng	327708	Naphthalene-d8	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2	Phthalamic acid	165	C8H7NO3	000088-97-1	78
3	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	78
4	Indan-1,2,3-trione	160	C9H4O3	000938-24-9	72
5	1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
Data File : BP000279.D
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Sample : K4918-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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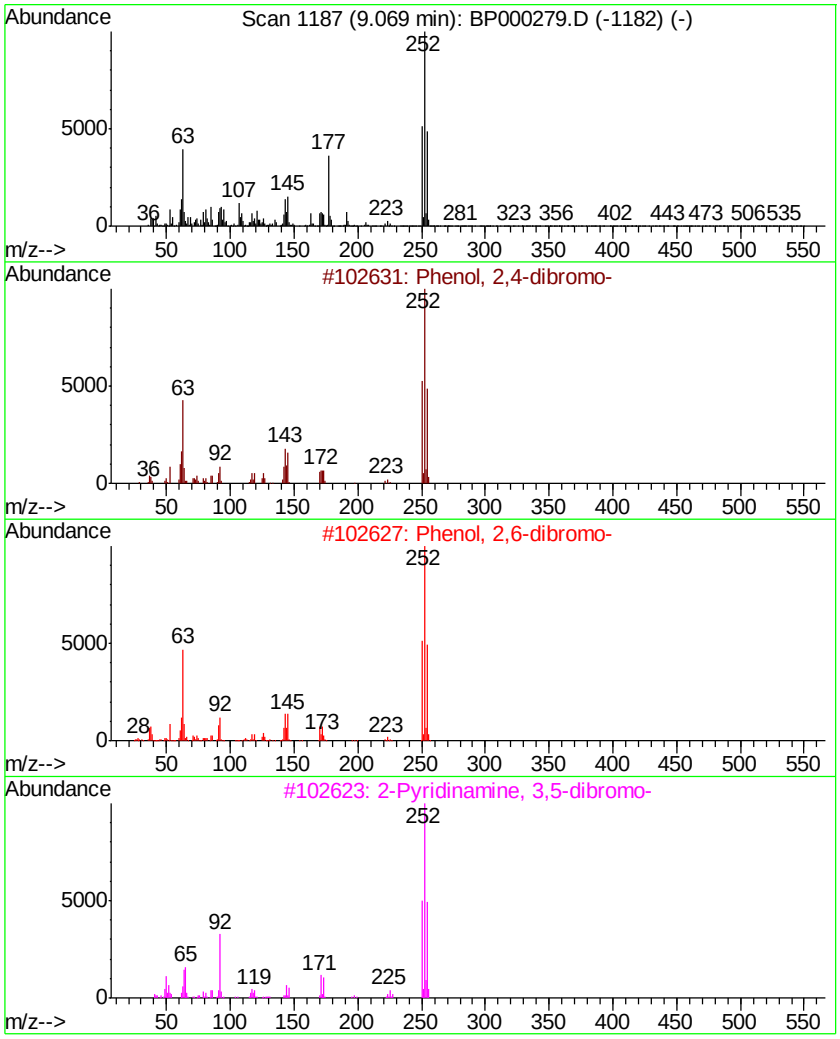
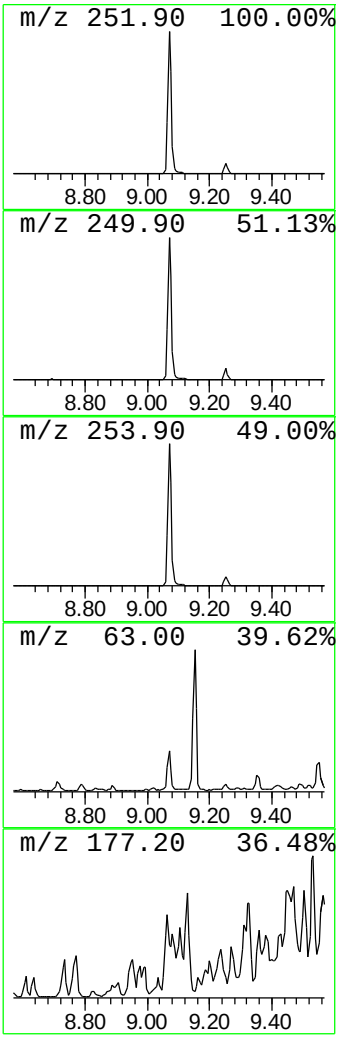
Peak Number 4 Phenol, 2,4-dibromo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	3.06 ng	398758	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	99
2	Phenol, 2,6-dibromo-	250	C6H4Br2O	000608-33-3	99
3	2-Pyridinamine, 3,5-dibromo-	250	C5H4Br2N2	035486-42-1	42
4	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	38
5	Bis-2-chloroethyl-2-chloroethylp...	268	C6H12Cl3O3P	006294-34-4	32





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

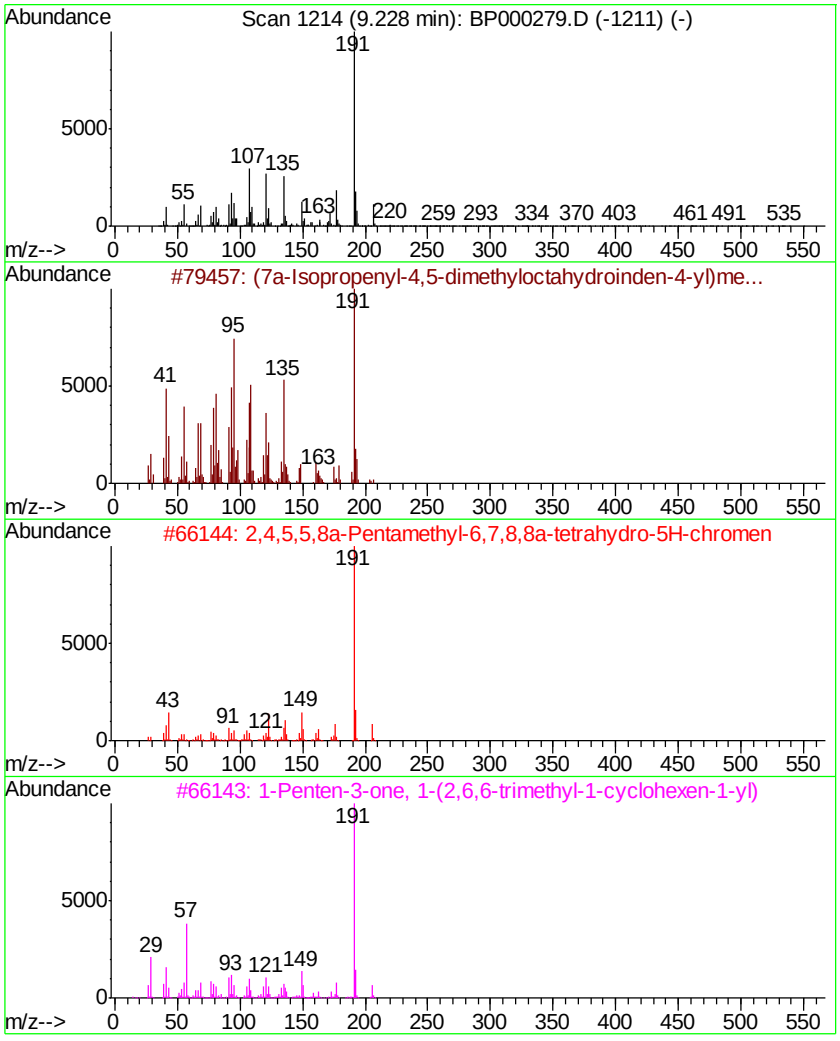
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

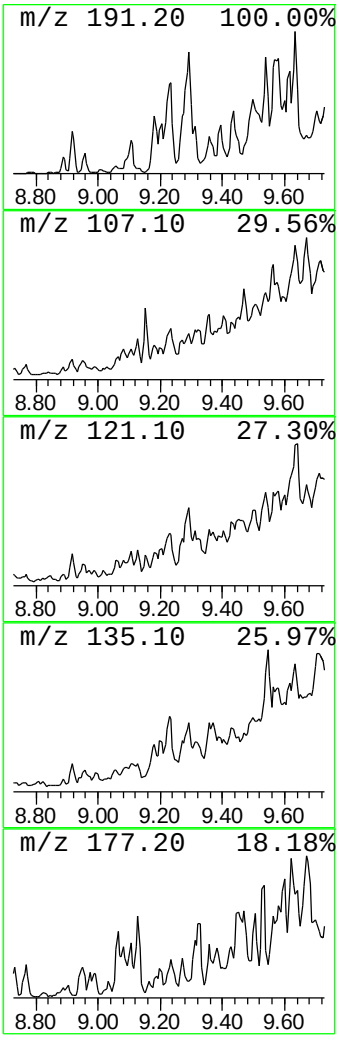
****

Peak Number 5 (7a-Isopropenyl-4,5-dimethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	2.63 ng	342710	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(7a-Isopropenyl-4,5-dimethyloctа...	222	C15H26O	1000187-02-9	59
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	52
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
4	7-Hydroxy-2,5,8-quinoline trione	191	C9H5NO4	015544-54-4	47
5	3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	47





Library Search Compound Report

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Instrument : BNA_P
ClientSampleId : SB-7

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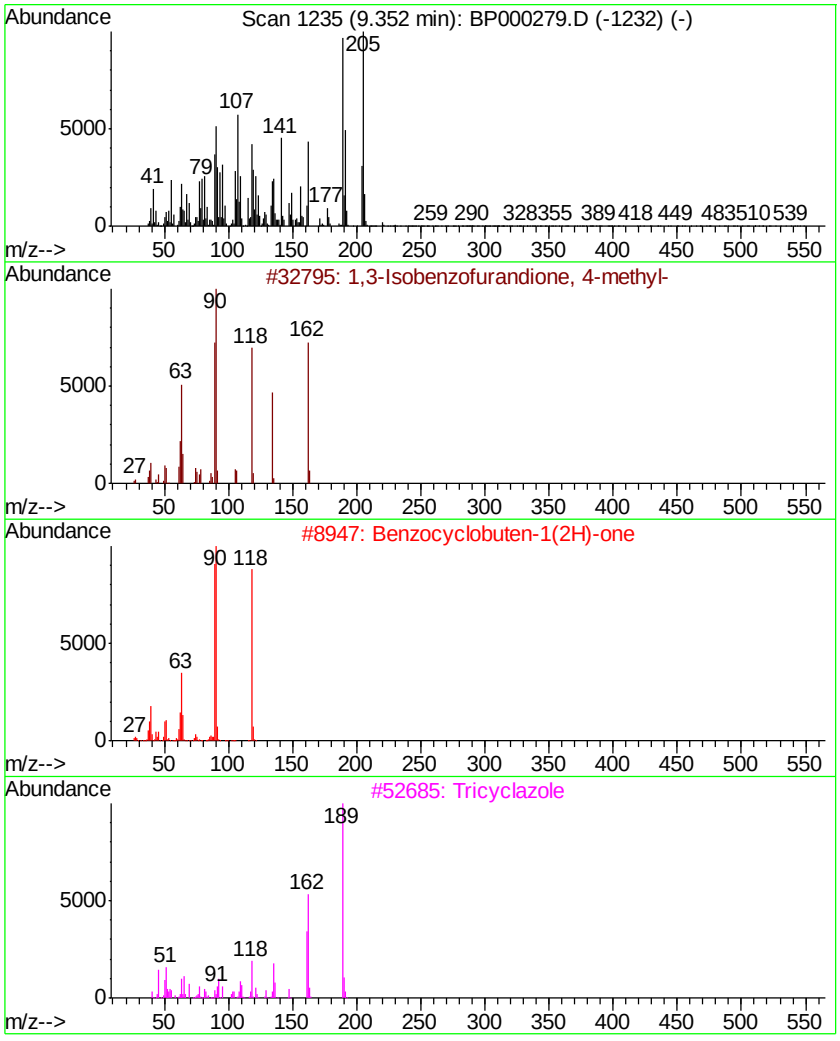
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

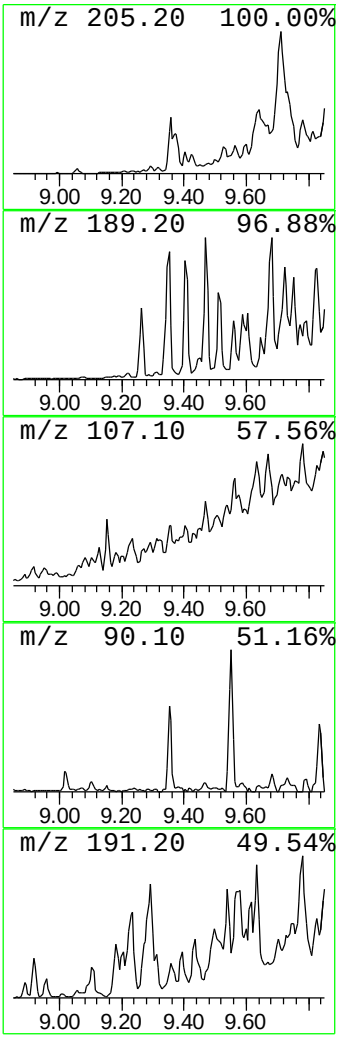
****

Peak Number 6 unknown9.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	3.78 ng	492377	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Isobenzofurandione, 4-methyl-	162	C9H6O3	004792-30-7	38
2	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	25
3	Tricyclazole	189	C9H7N3S	041814-78-2	22
4	Benzene, 1,3,5-tris(1-methylethyl)-	204	C15H24	000717-74-8	15
5	6S-2,3,8,8-Tetramethyltricyclo[5...	204	C15H24	137235-48-4	15





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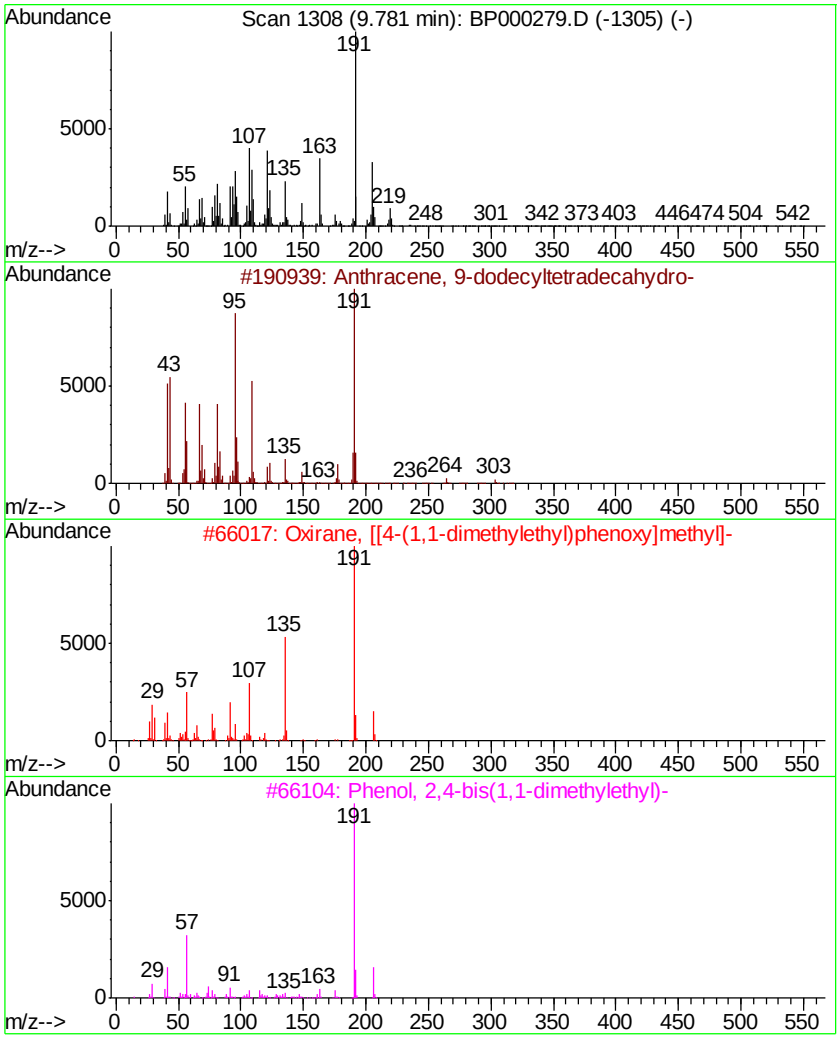
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

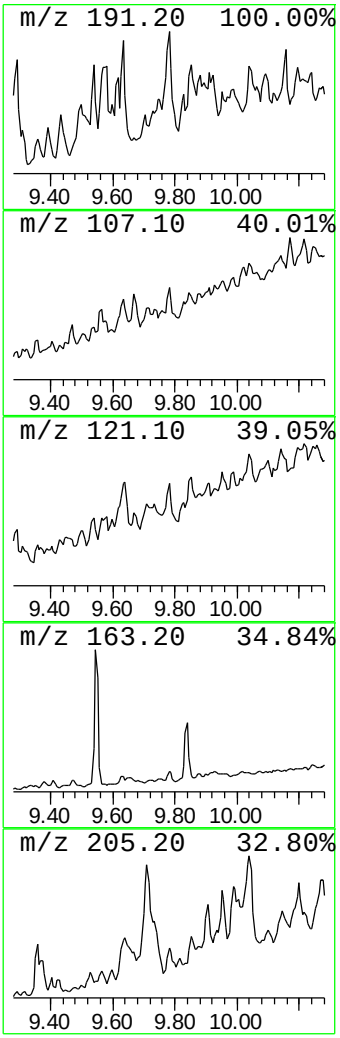
****

Peak Number 7 unknown9.78 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	4.13 ng	537897	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-dodecyltetradecahv...	360	C26H48	055401-75-7	43
2	Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	43
3	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	40
4	2-Fluoro-5-(trifluoromethyl)acet...	206	C9H6F4O	202664-53-7	38
5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	38





Library Search Compound Report

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TIC Library : C:\DATABASE\NIST11.L
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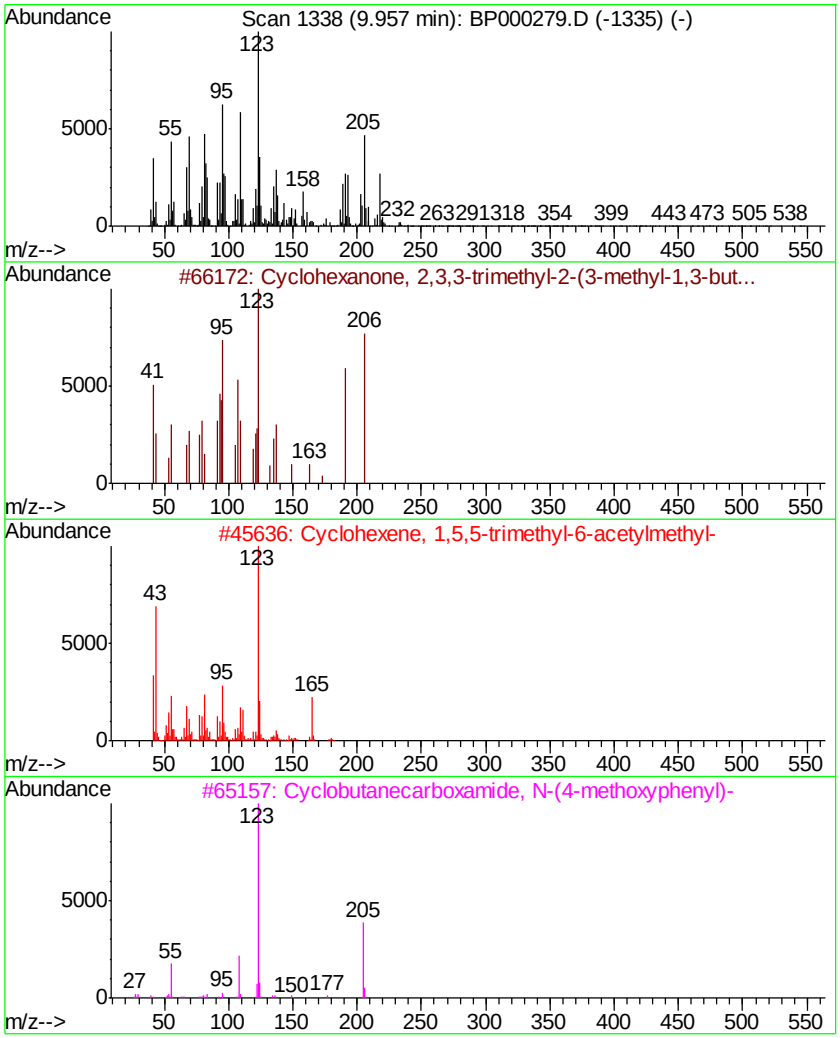
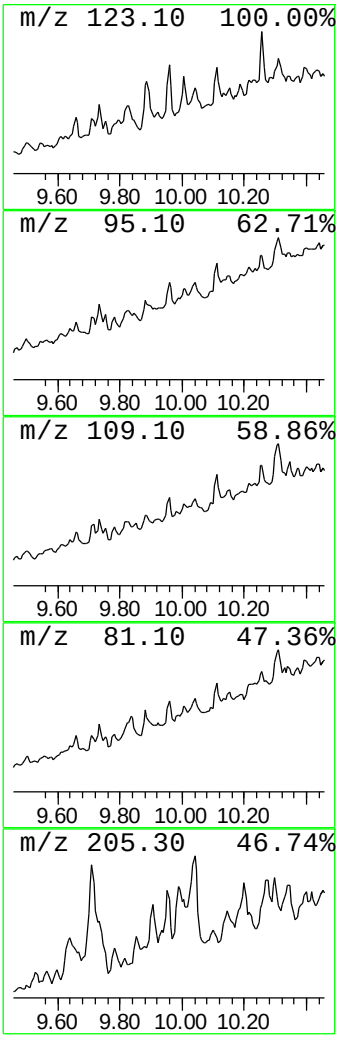
****

Peak Number 8 unknown9.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	4.42 ng	575666	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-91-9	38
2	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	38
3	Cyclobutanecarboxamide, N-(4-met...	205	C12H15NO2	1000307-04-9	35
4	2-Butenamide, N-(4-methoxyphenyl...	205	C12H15NO2	1000307-27-0	35
5	Cyclopropanecarboxylic acid, 2,2...	330	C21H30O3	004466-14-2	35





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown6.56	6.56	58.8	ng	4960790	1	6.79	1688730	20.0
Phthalic anhydride	8.83	3.2	ng	327708	2	8.08	2037320	20.0
Phenol, 2,4-dibromo-	9.07	3.1	ng	398758	3	9.83	2606940	20.0
(7a-Isopropenyl-4...	9.23	2.6	ng	342710	3	9.83	2606940	20.0
unknown9.35	9.35	3.8	ng	492377	3	9.83	2606940	20.0
unknown9.78	9.78	4.1	ng	537897	3	9.83	2606940	20.0
unknown9.96	9.96	4.4	ng	575666	3	9.83	2606940	20.0